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# BULLETIN 100

**GRADUATION STANDARDS** 

**CATALOG OF COURSES** 

INSTRUCTIONAL MATERIALS

# **GRADES 6-12**

DRLD FINE ARTS WORLD FINGUAGES ..... ENGLISH FWISD.ORG ENGLISH SOCIAL FOR SOC

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### FOREWORD

Graduation Standards and Catalog of Courses and Materials, Bulletin 100, is revised and published annually to apprise school personnel in the secondary division of curricular and policy changes regarding graduation requirements, course offerings, and instructional materials. This bulletin contains (1) state and local graduation standards in compliance with State Board of Education rules; (2) official information pertinent to the instructional program; (3) state assessment requirements; (4) recommended course sequences; (5) an annotated listing of secondary courses; (6) a list of state-adopted and locally approved instructional materials; and (7) indices to courses.

The State Board of Education has mandated that both the Texas Essential Knowledge and Skills (TEKS) and Chapter 74, Curriculum Requirements for Graduation be implemented. Bulletin 100 provides annotated descriptions of all approved district courses, along with information on mandated requirements.

For a complete listing of policies, please visit our website at: <a href="https://pol.tasb.org/Home/Index/1101">https://pol.tasb.org/Home/Index/1101</a>

# **SECTION I: GENERAL INFORMATION**

#### **ABSENCES/ATTENDANCE**

There are two state laws—one dealing with the required presence of school-aged children in school, e.g., compulsory attendance, the other with how a child's attendance affects the award of a student's final grade or course credit that address attendance requirements.

#### **Compulsory Attendance**

#### Age 19 and Older

A student who voluntarily attends or enrolls after his or her 19th birthday is required to attend each school day until the end of the school year. If a student age 19 or older has more than five unexcused absences in a semester, the district may revoke the student's enrollment. The student's presence on school property thereafter would be unauthorized and may be considered trespassing. [See policy FEA.]

#### Between Ages 6 and 19

State law requires that a student between the ages of 6 and 19 attend school, as well as any applicable accelerated instruction program, extended year program, or tutorial session, unless the student is otherwise excused from attendance or legally exempt.

#### Prekindergarten and Kindergarten

Students enrolled in prekindergarten or kindergarten are required to attend school and are subject to the compulsory attendance requirements as long as they remain enrolled.

#### **Exemptions to Compulsory Attendance**

#### All Grade Levels

State law allows exemptions to the compulsory attendance requirements for several types of absences if the student makes up all work. These include the following activities and events:

- Religious holy days;
- Required court appearances;
- Activities related to obtaining U.S. citizenship;
- Absences resulting from a serious or life-threatening illness or related treatment that makes the student's attendance infeasible.
- Documented health-care appointments for the student or a child of the student, including absences for recognized services for students diagnosed with autism spectrum disorders, if the student comes to school or returns to school on the same day as the appointment. A note from the health-care provider must be submitted upon the student's arrival or return to campus; and

For students in the conservatorship (custody) of the state:

- An activity required under a court-ordered service plan; or
- Any other court-ordered activity, provided it is not practicable to schedule the student's participation in the activity outside of school hours.

For children of Military Families, absences of up to five days in a school year will be excused for a student to visit with a parent, stepparent, or legal guardian who has been called to duty for, is on leave from, or immediately returned from certain deployments.

#### Secondary Grade Levels

In addition, a junior or senior student's absence of up to two days related to visiting a college or university will be considered an exemption, provided the student follows the campus procedures to verify such a visit, and makes up any work missed.

A student who is a junior or senior in high school may also be excused from school for up to two days each year for a "career investigation day" that involves visiting a professional at their workplace for the purpose of determining the student's interest in pursuing a career in the professional's field.

Absences of up to two days in a school year will also be considered an exemption for:

- A student serving as an early voting clerk, provided the student notifies his or her teachers, and the student receives approval from the principal prior to the absences; and
- •
- A student serving as an election clerk, if the student makes up any work missed.

An absence of a student in grades 6–12 for the purpose of sounding "Taps" at a military honors funeral for a deceased veteran will also be excused by the district.

An absence of one day for a student who is 15 years of age or older from attending school to visit a driver's license office to obtain a driver's license or leaner license.

#### Failure to Comply with Compulsory Attendance

#### All Grade Levels

School employees must investigate and report violations of the state compulsory attendance law. A student absent without permission from school; from any class; from required special programs, such as additional special instruction, termed "accelerated instruction" by the state; or from required tutorials will be considered in violation of the compulsory attendance law and subject to disciplinary action.

#### Age 19 and Older

After a student age 19 or older incurs a third unexcused absence, the district will send the student a letter as required by law explaining that the district may revoke the student's enrollment for the remainder of the school year if the student has more than five unexcused absences in a semester. As an alternative to revoking a student's enrollment, the district may implement a behavior improvement plan.

#### Between Ages 6 and 19

When a student between ages 6 and 19 incurs unexcused absences for three or more days or parts of days within a four-week period, the school will send a notice to the student's parent, as required by law, to remind the parent that it is the parent's duty to monitor his or her child's attendance and to require the student to come to school. The notice will also inform the parent that the district will initiate truancy prevention measures and request a conference between school administrators and the parent. These measures will include a behavior improvement plan, school-based community service, or referrals to either in-school or out-of-school counseling or other social services. Any other measures considered appropriate by the district will also be initiated.

The truancy prevention facilitator for the district is the Assistant Director of Student Engagement and School Completion, Barry Smith. Each school pyramid has a designated stay-in-school coordinator that is housed at the high school within each pyramid.

A court of law may also impose penalties against a student's parent if a school-aged student is deliberately not

attending school. A complaint against the parent may be filed in court if the student is absent without excuse from school on ten or more days or parts of days within a six-month period in the same school year.

If a student ages 12–18 incurs unexcused absences on ten or more days or parts of days within a six-month period in the same school year, the district, in most circumstances, will refer the student to truancy court.

[See policy FEA (LEGAL).]

#### Attendance for Credit or Final Grade (Kindergarten–Grade 12)

To receive credit or a final grade in a class, a student in kindergarten–grade 12 must attend at least 90 percent of the days the class is offered. A student who attends at least 75 percent but fewer than 90 percent of the days the class is offered may receive credit or a final grade for the class if he or she completes a plan, approved by the principal, which allows the student to fulfill the instructional requirements for the class. If a student is involved in a criminal or juvenile court proceeding, the approval of the judge presiding over the case will also be required before the student receives credit or a final grade for the class.

If a student attends less than 75 percent of the days a class is offered or has not completed the plan approved by the principal, then the student will be referred to the attendance review committee to determine whether there are extenuating circumstances for the absences and how the student can regain credit or a final grade lost because of absences. [See policy FEC.]

All absences, whether excused or unexcused, must be considered in determining whether a student has attended the required percentage of days. In determining whether there were extenuating circumstances for the absences, the attendance committee will use the following guidelines:

- If makeup work is completed, absences for the reasons listed above at **Exemptions to Compulsory Attendance** will be considered extenuating circumstances for purposes of attendance for credit or the award of a final grade.
- A transfer or migrant student begins to accumulate absences only after he or she has enrolled in the district.
- In reaching a decision about a student's absences, the committee will attempt to ensure that it is in the best interest of the student.
- The committee will review absences incurred based on the student's participation in board-approved extracurricular activities. These absences will be considered by the attendance committee as extenuating circumstances in accordance with the absences allowed under FM (LOCAL) if the student made up the work missed in each class.
- The committee will consider the acceptability and authenticity of documented reasons for the student's absences.
- The committee will consider whether the absences were for reasons over which the student or the student's parent could exercise any control.
- The committee will consider the extent to which the student has completed all assignments, mastered the essential knowledge and skills, and maintained passing grades in the course or subject.
- The student or parent will be given an opportunity to present any information to the committee about the absences and to talk about ways to earn or regain credit or a final grade.

The student or parent may appeal the committee's decision to the board by following policy FNG (LOCAL).

The actual number of days a student must be in attendance in order to receive credit or a final grade will depend on whether the class is for a full semester or for a full year.

The attendance committee may impose any of the following conditions for students with excessive absences to regain credit or be awarded a final grade:

- Completing additional assignments, as specified by the committee or teacher.
- Attending tutorial sessions as scheduled, which may include Saturday classes or before- and after-school programs.
- Maintaining attendance standards for the rest of the semester.
- Taking an examination to earn credit [See EHDB policy]
- Attending a flexible school day program.
- Attending summer school to retake the course.

In all cases, the student must earn a passing grade in order to receive credit.

#### Effect of Excessive Absences on Course Credit

Excessive absences are noted on the student's transcript with an \* placed above the course grade.

<b>Fine Arts</b>		SE	S1	S2	Av	Cr.	Note: credit will not be
1051A	Honors Art 1A	Н	*78		78	0.00	awarded until excessive
1051B	Honors Art 1B	Н		*87	87	0.00	absences are made up.

Accompanying foot note at the bottom of the transcript will read: \* No credit given due to excessive absences.

#### Home Tutored Pregnant Students Attendance

Attendance is compiled weekly. Pregnant students, with the appropriate medical documentation, can choose to receive Compensatory Education Home Instruction (CEHI), locally called the prenatal/postnatal tutoring program (FNE policies). Texas Education Agency (TEA) guidelines for this CEHI program must be followed. The guidelines require tutoring by a certified teacher in the areas the student is being tutored. This results in the student earning attendance days as outlined in the TEA guidelines. Coursework assignments must be provided by the teacher of record for the student to be tutored on a week-by-week basis so that the attendance days can also be earned on a week-by-week basis. Failure to provide the appropriate weekly coursework assignments and the subsequent grading of those assignments must not result in the student's grade for this period being adversely influenced.

#### **High School Dual Credit Attendance**

For courses taught by a Tarrant County College instructor, attendance is governed by the TCCD policy on attendance. Dual credit students are expected to attend classes according to the dual credit class schedule. Students are to contact their campus Postsecondary Specialist and their dual credit professor if they are unable to attend class. Alerting an instructor early of attendance conflicts is critical. Students are to be considered in attendance during the semester unless otherwise informed by the FWISD CCR/Dual Credit Coordinator and/or the campus CCR Coordinator. The FWISD CCR/Dual Credit Coordinator and the campus CCR Coordinator will communicate updates to the campus attendance clerks as needed. Attendance will be processed by the campus attendance clerk.

For courses taught by FWISD credentialed instructors, the district attendance procedures will be followed.

For Early College High School courses, attendance is taken at the alternate high school attendance-taking time.

# ACCELERATION FOR STUDENTS WHO ARE NOT BEHIND IN CREDITS

Method		Available For	Grade Needed	GPA Impact	EOC Impact
Credit-By-Exam Without Prior Instruction		A student who has not had prior instruction in a course	80	Grade will be noted on the transcript, but is not used in the calculation of GPA	For a CBE for a course that requires an EOC - the student will be exempt from the EOC
Summer School	•	Courses not requiring an EOC and Identified in the Summer School Catalog as available for Acceleration	70	Grade is used in the calculation of GPA	Student is required to take the EOC
Texas Virtual School Network, Texas Tech, or UT for a <i>current</i> <i>FWISD student</i>		Any student who wants to accelerate and has met prerequisite requirements for the course	70	Grade will be noted on the transcript, but is not used in the calculation of GPA	Student is required to take the EOC
Texas Virtual School Network, Texas Tech, or UT for a <b>student</b> <b>who is not enrolled</b> <b>in FWISD</b>		Any student who wants to accelerate and has met prerequisite requirements for the course	70	Grade will be noted on the transcript, but is not used in the calculation of GPA	For an EOC course, student is not required to take the EOC provided that the credit was awarded prior to student enrolling in FWISD.
District-Approved Web-Based Program	•	At some middle school campuses Limited courses that allow students to earn high school credit	70	Grade will be noted on the transcript, but is not used in the calculation of GPA	

# AUTOMATIC ADMISSION INTO FOUR-YEAR PUBLIC UNIVERSITIES AND COLLEGES IN TEXAS

For two school years following his or her graduation, a district student who graduates in the top ten percent and, in some cases, the top 25 percent, of his or her class is eligible for automatic admission into four-year public universities and colleges in Texas if the student:

- Completes the curriculum requirements for the Distinguished Level of Achievement under the Foundation High School Program; or
- Satisfies the ACT College Readiness Benchmarks or earns a minimum score of 480 on the Evidence-Based Reading & Writing test and a minimum score of 530 on the math test if the SAT was administered on or after March 5, 2016.

In addition, the student must submit a completed application for admission in accordance with the deadline established by the college or university. The student is ultimately responsible for ensuring that he or she meets the admission requirements of the university or college to which the student applies.

The University of Texas at Austin may limit the number of students automatically admitted to 75 percent of the University's enrollment capacity for incoming resident freshmen. For students who are eligible to enroll in the University during the summer/fall 2025 or spring 2026, the University will be admitting the top **six** percent of the high school's graduating class who meet the above requirements. Additional applicants will be considered by the University through a holistic review process.

Should a college or university adopt an admissions policy that automatically accepts the top 25 percent of a graduating class, the provisions above will also apply to a student ranked in the top 25 percent of his or her class.

Students and parents should contact the school counselor for further information about automatic admissions, the application process, and deadlines.

[See also **Class Rank/Highest-Ranking Student** for information specifically related to how the district calculates a student's rank in class, and requirements for **Graduation** for information associated with the foundation graduation program].

# **CAREER AND TECHNICAL EDUCATION (CTE)**

Fort Worth ISD Career & Technical Education offers a variety of Programs of Study. Each Program of Study has a developed coherent sequence of courses to provide students with an option to receive an Endorsement with their high school diploma based on House Bill 5/Foundation Graduation Program Requirements. Each Program of Study begins with foundation courses that allow students to explore the careers and learn basic concepts and skills needed within that focus.

Each Program of Study begins with foundation courses that allow students to explore the careers and learn basic concepts and skills needed within that focus. As students move forward in the Program of Study, they will begin to take technical courses that provide them with advanced knowledge and skills in preparation for postsecondary education and/or for jobs in their chosen career field. Programs of Study also prepare students to complete industry certifications that will allow them to become more employable with higher starting wages and provide them with a Performance Acknowledgement.

#### **Programs of Study**

For options of Career and Technical Education Programs of Study, please refer to the Program of Study charts and course descriptions found in the Career & Technical Education tabbed section of this book.

#### **Endorsements**

Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area.

Students earn endorsements by successfully completing at least 26 credits that include a coherent sequence of CTE courses for four or more credits, including at least one advanced CTE course, four math credits (including at least one advanced math course), and four science credits (including at least one advanced science course).

The STEM Endorsement also requires chemistry and physics as two of the four science credits and Algebra II as one of the four math credits.

# **CLASS RANK BEGINNING WITH THE GRADUATING CLASS OF 2024**

The District includes in the calculation of class rank the eight highest eligible semester grades earned in high school courses taken in grades 9 – 12 in each of the following subjects only:

- English language arts,
- Mathematics,
- Science, and
- Social Studies

When the student reaches grade 12, if the student has earned fewer than eight eligible semester grades in one or more of these subjects in grades 9 - 12, the District shall use eligible semester grades earned before grade 9, as necessary, for a total of eight grades in each of these subjects.

The calculation of class rank excludes grades earned in or by:

- A local credit course;
- A course for which a pass/fail grade is assigned;
- Credit by examination, with, or without prior instruction;
- Distance learning and traditional correspondence courses, and
- Dual credit courses taken through a college with which the District **does not** have a partnership agreement.

If a student takes a dual credit course through a college with which the District has a partnership agreement AND receives permission to take the course, the grade earned will be included in GPA. To be included in Core GPA, the course must be listed on the chart of courses that are included in Core GPA.

#### See Class of 2024 Document in the front of the FORMS section of B100

#### Weighted GPA Beginning with the Class of 2023

The District categorizes and weights courses as Tier I, Tier II, and Tier III in accordance with policy EIC (LOCAL). The Weighted GPA is used to determine local graduation honors and the highest-ranking graduate.

Tier I courses include Advanced Placement (AP) courses, OnRamps courses, dual credit courses, any courses for which a Tier I course is a prerequisite, and other rigorous District-designated courses.

Tier II courses include high school Honors courses, Pre-IB courses, and other courses locally designated as honor courses.

Tier III courses include all other courses not designated as Tier I or Tier II courses.

The District converts semester grade points and calculates a weighted GPA in accordance with the following chart:

Grade	TIER I	TIER II	TIER III
97 and above	5.0	4.5	4.0
94–96	4.8	4.3	3.8
90–93	4.6	4.1	3.6

87–89	4.4	3.9	3.4
84–86	4.2	3.7	3.2
80–83	4.0	3.5	3.0
77–79	3.8	3.3	2.8
74–76	3.6	3.1	2.6
71–73	3.4	2.9	2.4
70	3.0	2.5	2.0
69 or below	0	0	0

#### **Unweighted GPA Beginning with the Class of 2023**

The District also calculates an unweighted GPA using a simple whole-number scale. Both the Core weighted and unweighted GPAs are displayed in FOCUS and on the student's transcript.

Grade	Unweighted Simple 4.0 GPA Scale
90 – 100	4.0
80 - 89	3.0
70 – 79	2.0
69 or below	0.0

#### Transfers from Other School Districts

A high school student who transfers into the district will be placed on the GPA scale according to the enrollment grade-level noted in Focus.

If the student has a change in grade placement, his/her GPA will be recalculated the semester following the grade change, and will be ranked among students classified in the same grade.

#### **Class Rank for Application to Institutions of Higher Education**

The District shall also calculate class ranking as required by state law. The District's eligibility criteria for local graduation honors shall apply only for local recognitions and shall not restrict class ranking for the purpose of automatic admission under state law per EIC (LEGAL).

# **COLLEGE CREDIT COURSES**

Students in grades 9–12 have opportunities to earn college credit through the following methods:

- Earning a 3, 4, or 5 on an Advanced Placement (AP) test (based on the guidelines for each college or university);
- Earning a passing grade while enrolled in:
  - College courses in an Early College High School;
  - Dual Credit courses;
  - A dual enrollment course with OnRamps through a partnership with the University of Texas at Austin;
  - An AP or dual credit course through the Texas Virtual School Network;
  - Courses taught at other colleges or universities; and
  - Certain CTE courses.

Students must meet eligibility requirements to enroll in the courses above and **must receive approval from the principal prior to enrollment**. Depending on the student's grade level and the course, a state-mandated end-of-course assessment may be required for graduation.

It is important to keep in mind that not all colleges and universities accept credit earned in all dual credit, dual enrollment, or AP courses taken in high school for college credit. Students and parents should check with the prospective college or university to determine if a particular course will count toward the student's desired degree plan.

#### Advanced Placement Courses with Qualifying Examination Scores of 3, 4, or 5

Upon completion of an AP course, the student will take a College Board Advanced Placement examination over the content of the course. Students earning a 3, 4, or 5 on an AP examination are eligible for a graduation Performance Acknowledgement on the Foundation Graduation Program. In addition, a student earning a 3, 4, or 5 may receive college credit upon enrollment in college. Each individual institution determines credit guidelines. The College Board link <u>https://apscore.collegeboard.org/creditandplacement/search-credit-policies</u> offers information on receiving college credit. AP course options vary among the high schools; contact the high school Postsecondary Success Specialist to identify which of the 38 FWISD offered AP courses are available at the high school. For general information about the Advanced Placement program, students and parents are encouraged to visit the following website: <u>http://student.collegeboard.org/</u>

#### **Advanced Placement Courses in Middle School**

Some middle schools offer an AP Spanish Language and Culture course that Grade 8 students may take. Grade 8 students successfully completing the course will receive credit toward high school graduation, and upon receiving a successful examination score of 3, 4, or 5 will, after entering high school, be eligible for a graduation Performance Acknowledgement under the Foundation Graduation Program. In addition, students earning a 3, 4, or 5 may be eligible to receive college credit.

# COLLEGE AND CAREER READINESS CURRICULUM REQUIREMENTS FOR HOUSE BILL 18

House Bill 18, passed during the 84<sup>th</sup> legislative session added the following requirement at middle school:

§28.016 – Provide instruction to students in grades seven or eight in preparing for high school, college, and a career. The instruction must include information on:

- the creation of a high school personal graduation plan,
- the distinguished level of achievement,
- each endorsement,
- college readiness standards, and
- potential career choices and the education required for them.

### COMBINING SEMESTERS OF AP COURSES WITH NON-AP COURSES

A student who is enrolled in the first semester of an AP course, fails the AP course, and enrolls in the second semester of a TEKS course may be able to combine and average both grades to earn credit for the entire course. See chart below:

AP Course 1 <sup>st</sup> Semester	TEKS Course 2 <sup>nd</sup> Semester	Allow 1.0 credit if the average of the two semesters is equal to or greater than 70
AP Human Geography	World Geography	Yes
AP Modern World History	World History	Yes
AP US History	US History	Yes
AP Physics 1	Physics	Yes
AP Chemistry	Chemistry	No
AP Biology	Biology	No
AP Environmental Science	Environmental Systems	Yes
AP Eng Lang/Eng Lit	English III or IV	Yes
AP Statistics	Statistics	Yes

# COMBINING SEMESTERS OF DUAL CREDIT COURSES WITH NON-DC COURSES

A student who is enrolled in the first semester of a DC course, fails the DC course, and enrolls in the second semester of a TEKS course may be able to average the grades in both semesters to earn credit for the entire course. See chart below:

DC Course 1 <sup>st</sup> Semester	TEKS Course 2 <sup>nd</sup> Semester	Allow 1.0 credit if the average of the two semesters is equal to or greater than 70
DC World Geography	World Geography	Yes
DC World History	World History	Yes
DC US History	US History	Yes
DC English Composition	English III or IV	Yes
DC British Literature	English IV	Yes
DC American Literature	English IV	Yes
DC Pre-Calculus	Pre-Calculus	Yes
DC Integrated Physics & Chemistry	Integrated Physics & Chemistry	Yes
DC Chemistry A	Chemistry	Yes
DC Chemistry B	Chemistry	Yes
DC Physics A	Physics	Yes
DC Physics B	N/A	N/A
DC Aquatic Science	Aquatic Science	Yes
DC Earth & Space Science	Earth & Space Science	Yes
DC Organic Chemistry A	Honors Organic Chemistry	Yes
DC Organic Chemistry B	N/A	N/A
DC Astronomy A	Astronomy	Yes
DC Astronomy B	Astronomy	Yes
DC Environmental Systems	Environmental Systems	Yes
DC Math Business and Social Science	Advanced Quantitative Reasoning	Yes

# COMBINING SEMESTERS OF ONRAMPS COURSES WITH NON-ONRAMPS COURSES

A student who is enrolled in the first semester of an OnRamps course, fails the OnRamps course, and enrolls in the second semester of a TEKS based course may be able to average the grades in both semesters to earn credit for the entire course. See chart below:

OnRAMPS Course 1 <sup>st</sup> Semester	TEKS Course 2 <sup>nd</sup> Semester	Allow one full credit if the average of both semesters is equal to or greater than 70
OnRamps US History 1492 – 1865A (8049A)	US History Since 1877 (8056B)	Yes
OnRamps Rhetoric and Writing (3044AB)	English III (3015B)	Yes
OnRamps Rhetoric and Writing (3045AB)	English IV (3017B)	Yes
OnRamps Physics I (7613AB)	Physics (7614B)	Yes
OnRamps Physics II (STH03724AB)	N/A	N/A
OnRamps Earth and Space Science (7534AB)	Earth and Space Science (7538AB)	Yes
OnRamps Chemistry I (7597AB)	Chemistry (7592AB)	Yes
OnRamps Chemistry II (7593AB)	Chemistry (7592AB)	No
OnRamps Biology (7591AB)	Biology (7572AB)	No
OnRamps College Algebra (7050AB)	Algebra 2 (7053AB)	Yes
OnRamps PreCalculus (7119AB)	PreCalculus (7121B)	Yes
OnRamps Statistics (7146AB)	Statistics (7144B)	Yes
OnRamps Computer Science (2159AB)	N/A	N/A
OnRamps Art IV: Pixels, Samples, Lumens, Illusion (1073AB)	N/A	N/A
OnRamps Quantum Computing	Honors Mathematical Modeling using Computer simulation	Yes

# **COMPLAINTS AND CONCERNS**

Usually student or parent complaints or concerns can be addressed informally by a phone call or a conference with the teacher or principal. For those complaints and concerns that cannot be handled so easily, the board has adopted a standard complaint policy at FNG (LOCAL) in the district's policy manual. A copy of this policy may be obtained on the district's website at <a href="https://pol.tasb.org/Policy/Code/1101?filter=FNG">https://pol.tasb.org/Policy/Code/1101?filter=FNG</a>

Should a parent or student feel a need to file a formal complaint, the parent or student should file a district complaint form within the timelines established in policy FNG (LOCAL).

# **COURSE OFFERINGS**

A secondary school may offer courses included in this document or any course for which individual approval on an experimental basis has been received, following procedures in these guidelines. Each course must be offered by the exact title and for credit as specified in Bulletin 100. Some courses are approved for use in specific schools or programs only.

The types of courses listed in this Bulletin are:

- state-credit courses (TEKS based courses, Advanced Placement (AP), dual credit courses, or OnRamps courses;
- state-credit courses approved by the state as an innovative course (locally developed and not included as meeting state graduation requirements, except as elective credits); and
- local-credit courses (may not be used to meet any state requirements for graduation).

The District and/or the State Board of Education must approve all courses before they may be offered to students.

#### **New Course Additions & Course Deletions**

Once a year, district administrators develop new course proposals for the addition of new courses.

At the same time, subject area directors will identify courses that do not have sufficient enrollment to justify their continuance or courses that are no longer appropriate. These courses will be recommended for deletion.

Upon receipt of all new course proposals and course deletions, a meeting will be held with curriculum cabinet members, budget office staff, secondary school leadership, and the course proposal authors. The proposal authors will summarize the proposed courses and answer any questions. Following approval from this representative group, a consent agenda is prepared for review by the Leadership Team.

The proposals will be submitted to the Superintendent and the Board for study and approval.

Upon approval by the Board:

- Courses will be added or deleted for the following school year. New courses already included in Chapter 74 do not require TEA approval.
- New courses requiring TEA approval will be sent to TEA as an innovative course.
- Courses that are not used to meet state graduation requirements will be offered as local-credit courses.
- All new courses will be assigned a FWISD course number.

# **COURSES WITH THE SAME PEIMS NUMBER**

A student who takes more than one course with the same PEIMS number will only receive credit for the first time taken; both courses will appear on the transcript with grades. The second time the student takes the course will be considered local credit, which does not count towards state or district graduation requirements However, the grades for both courses maybe used in the calculation of GPA. This list is not all-inclusive. Please check the PEIMS number of similar courses when there is doubt.

Before enrolling a student in a dual credit course, check to make sure that the student does not already have credit for a course with that PEIMS number.				ve
Content	Course Name	PEIMS Number	FWISD Course Number	

Content	Course Name	PEIMS Number	FWISD Course Number
Math	Algebra 2	03100600	7053 AB
	Honors Algebra 2	03100600	7057 AB
	OnRamps College Algebra	03100600	7050 AB
	Precalculus	03101100	7121 AB
	Honors Precalculus	03101100	7123 AB
	OnRamps Precalculus	03101100	7119 AB
	Statistics	03102530	7144 AB
	AP Statistics	A3100200	7145 AB
	OnRamps Statistics	A3100200	7146 AB
	Independent Study in Math 1: Local	031025XX	7275 AB
	Design Using Boolean Algebra		
	Independent Study in Math 1:	031025XX	7278 AB
	Electrical Circuit Theory		
	Independent Study in Math 1:	031025XX	7130 AB
	Modeling Using Computer Simulation		
	Independent Study in Math 1:	031025XX	7128 AB
	Multivariable Calculus		
	Independent Study in Math 1: Honors	031025XX	7215 AB
	Number Theory		
	Independent Study in Math 1:	031025XX	7235 AB
	Calculus based Statistics		
	Independent Study in Math 1: Dual	031025XX	7237 AB
	Credit Calculus based Statistics		
	Independent Study in Math 1: Honors	031025XX	7277 AB
	Linear Algebra		
	Independent Study in Math 1:	031025XX	7257 AB
	Astrophysics		
	Independent Study in Math 1: History	031025XX	
	of Mathematics		
	Independent Study in Math 1: Optics	031025XX	7256 AB
	Independent Study in Math 1: Survey	031025XX	
	of Mathematics		
	Independent Study in Math 1: Dual	031025XX	7279 T

Content	Course Name	PEIMS Number	FWISD Course Number
	Credit Linear Algebra		
	Independent Study in Math 1: Dual	031025XX	7135 AB
	Credit Ordinary Differential Equations		
	and their Applications		
	Independent Study in Math 3:	031025XX	7257 AB
	Astrophysics		
	Independent Study in Math 3: Honors	031025XX	
	Thermodynamics		
	Independent Study in Math 3:	031025XX	TBD
	OnRamps Honors Mathematical		
	Modeling/Quantum Computing		
	College Prep Math	CP111200	7040 AB
	Texas College Bridge Math (elective)	CP111200	9006 T
Social Studies	US History Since 1877 AB	03340100	8056 AB
	Honors US History Since 1877 AB	03340100	8066 AB
	,		
	OnRamps US History 1492 – 1865 A	A3340100	8049 A
	OnRamps US History Since 1865 B	A3340100	8049 B
	AP US History	A3340100	8215 AB
	Advanced Social Studies Research	022000///	8146 T
	Methods in Psychology	033800XX	01401
	Social Studies Advanced Studies	033800XX	8138 T
	Honors Social Studies Advanced	033800XX	8142 T
	Studies	055000///	0142 1
	STPSS American Culture Studies	033800XX	8038 T
	STPSS Dual Credit Philosophy	033800XX	8039 T
	SPTSS Dual Credit Geography Themes	033800XX	8004 A & 8004 B
	and Perspectives (TCC)	055000///	
	SPTSS Dual Credit Latino/a American	033800XX	8041 T
	Studies		
	SPTSS Dual Credit Latino/a Studies	033800XX	8043 T
	SPTSS Honors History of Health and		8044 T
	Medicine		
	SPTSS African American Historical	033800XX	8045 T
	Perspectives and Contributions		
	SPTSS Dual Credit Texas Government	033800XX	8073 T
	STPSS Dual Credit Microeconomics	033800XX	8095 T
	SPTSS Contribution of Women in	033800XX	8047 T
	History	000000	
	SPTSS Dual Credit Geography Themes	033800XX	8002 T
	and Perspectives (TWU)	03300077	
		02280022	5075 AR
	SPTSS Military History	033800XX	5975 AB
	SPTSS Advanced World History CA.	033800XX	8053 AB
	1500		

Content	Course Name	PEIMS Number	FWISD Course Number
Science	Physics AB	03050000	7614 AB
	Pre-AP Physics AB	03050000	7616 AB
	OnRamps Physics AB	03050000	7613 AB
	Biology	03010200	7572 AB
	Honors Biology	03010200	7574 AB
	AP Biology	A3010200	7590 AB
	OnRamps Biology	A3010200	7591 AB
	Chemistry AB	03040000	7592 AB
	Honors Chemistry AB	03040000	7594 AB
	OnRamps Chemistry I	03040000	7597 AB
			100110
	AP Chemistry	A3040000	7610 AB
	OnRamps Chemistry II	A3040000	7593 AB
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	AP Physics II	A3050004	7627 AB
	OnRamps Physics II	A3050004	STH03724AB
		73030004	
	Earth and Space Science AB	03060200	7538 AB
	OnRamps Earth and Space Science AB	03060200	7534 AB
		03000200	
	SCIRD	130372XX	ST37202 AB
	SCIRD Honors	130372XX	STH37202 AB
	SCIRD II	130372XX	ST37212 AB
	Honors SCIRD II	130372XX	STH37212 AB
	SCIRD III	130372XX	ST37222 A
	Honors SCIRD III	130372XX	STH37222 AB
	SCIRD: Introduction to Cell Biology	130372XX	7578 AB
	SCIRD Dual Credit Biology for Science	130372XX	STD37202 AB
	Majors	13037277	51057202 AD
	SCIRD Dual Credit Biology for Non-	130372XX	STD1408 AB
	Science Majors	15057277	5101400 AD
	SCIRD Dual Credit General Chemistry	130372XX	STD1411 AB
	SCIRD Dual Credit College Physics I &	130372XX	STD1401 AB
		15057277	5101401700
	SCIRD Honors Project Based Research	130372XX	STH30372 AB
	in Botany and Sustainable	190972/00	511150572715
	Horticulture		
	SCIRD Honors Intel Talent Search I	130372XX	STH03722 AB
	SCIRD Honors Intel Talent Search II	130372XX	STH03712 AB
	SCIRD Honors Design Interaction of	130372XX	7709 AB
	Radiation with Matter		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
			1
Technology	AP Computer Science Principles	A3580300	2157 AB
reciniology	OnRamps Computer Science	A3580300	2159 AB

Content	Course Name	PEIMS Number	FWISD Course Number
	Graphic Design 2	13008900	AV08810AB
	Graphic Design 2- Yearbook and	13008900	AV08814AB
	Graphic Design 2- Yearbook Honors		And
			AVH08814AB
	Principles of Information Technology	13027200	ITH27201AB
	Principles of Emerging Information	13027200	ITD27211AB
	Technology Dual Credit		
	Principles of Transportation Systems: Automotive	13039250	
	Principles of Transportation Systems: Collision	13039250	
Englich	English III	03220300	3015 AB
English	Honors English III	03220300	3015 AB 3094 AB
	OnRamps English Rhetoric & Writing	03220300	3044 AB
	AB*		
	English IV	03220400	3017 AB
	OnRamps English Rhetoric & Writing	03220400	3045 AB
	AB*		
	IS ELA	03221800	3138 AB
	IS ELA Honors Critical Thinking for College Readiness	03221800	3066 AB
	IS ELA Linguistics	03221800	3063 AB
	IS ELA Dual Credit American Literature	03221800	3048 T
	IS ELA Introduction to Biblical Literacy	03221800	3150 AB
	IS ELA Dual Credit British Literature	03221800	3142 AB
	IS ELA Dual Credit Mexican American Literature	03221800	3144 T
	IS ELA Dual Credit World Literature I	03221800	3146 T
	IS ELA Dual Credit World Literature II	03221800	3147 T
	IS ELA Dual Credit Creative Writing	03221800	3151 T
	IS ELA II Dual Credit Forms of	03221810	3148 T
	Literature		
	IS ELA II Dual Credit Research and	03221810	
	Technical Writing	02221010	2042 AD
	IS ELA II Philosophy and Literature	03221810	3042 AB
	College Prep English	CP110100	3131 AB
	TCB English	CP110100	9005 T
LOTE	Spanish I	03440100	4071 AB
	Dual Credit Spanish I	03440100	4067 AB

\*Although these courses have different PEIMS numbers, the content of these courses is the same; therefore, a student can only take this course one time – either as a substitute for English III or English IV.

Independent Study in English, Independent Study in Math, and Special Topics in Social Studies courses have latitude to assign a given course to multiple PEIMS numbers. If a student already has credit for a given PEIMS number in these courses and wishes to take another course within that same PEIMS number, a course can be built with the new PEIMS number and embedded into the original course on the schedule for that student. It is important that counselors pay attention to which PEIMS numbers of students already have credit for in these courses when completing student schedules.

# **COURSES WITH EQUIVALENT PEIMS NUMBERS**

The courses on the table below are considered equivalent courses by TEA. Though these courses have unique PEIMS numbers, they are considered equivalent due to duplicative TEKS. A student cannot earn credit for more than one course in each area. The second time the student takes the course will be considered local credit, which does not count towards state or district graduation requirements. If a student takes both courses within an area, both courses may be used in the calculation of GPA.

Content	Course Name	Equivalent Course Name
Social Studies	World Geography or Honors World Geography	AP Human Geography
Science	Physics or Honors Physics	Principles of Technology
English	English I or Honors English I	ESOL I
	English II or Honors English II	ESOL II
LOTE	Spanish I or Dual Credit Spanish I	Spanish I for Spanish Speakers
	Spanish II, Honors Spanish II, or Dual Credit	Spanish II for Spanish Speakers
	Spanish II	
	Honors Spanish III or Dual Credit Spanish III	Spanish III for Spanish Speakers
	Honors Spanish IV, or Dual Credit Spanish IV Spanish IV for Spanish Speakers	

### **CREDIT BY EXAMINATION**

The District offers students the opportunity to take a credit by examination (CBE) to demonstrate mastery in a subject or to earn course credit with or without prior instruction. [Policies EHDB and EHDC] CBEs are available for most courses. The District uses CBEs purchased from Texas Tech University and/or The University of Texas. Most

of the CBEs used by Fort Worth ISD will be administered online. The exams assess the student's mastery of the essential knowledge and skills relevant to the applicable subject. The exams are periodically reviewed by the State for alignment with essential knowledge and skills.

Successful course credit will be indicated on the transcript with the actual grade earned, but the grade will not be used in the calculation of GPA. If credit is not awarded, documentation of the examination will be placed in the student's academic achievement folder.

#### With Prior Instruction

A student can take a CBE when the student has had prior instruction and when:

- The student is enrolling in the District from a non-accredited school or home school; or
- The district needs to determine the proper placement of the student; or
- The student failed a subject or course; or
- The student has earned a passing grade in a subject or course but failed to earn credit due to excessive absences.

To receive credit for the course, a student must score a 70 or above on the CBE. Examinations will assess the student's mastery of the essential knowledge and skills and will be administered according to established District procedures.

Prior to offering a student an opportunity to demonstrate mastery or to earn credit by this method, an appropriate District employee will review the student's educational record to determine whether the student has had prior instruction in the subject or course.

#### **Middle School**

Students in grades 6 – 8 who have received prior instruction in previous courses may be placed into the appropriate course or courses based upon evidence from sources such as prior performance in the subject, teacher recommendations, and scores on locally administered tests and inventories. A campus committee consisting of the principal, counselor, and classroom teachers will make placement decisions. No placement will be made without parent approval. Placement can be made for six weeks pending results from CBEs.

Students may not place out of any courses for which high school credit toward graduation is awarded unless the student takes a CBE certified by the FWISD. Should a parent challenge placement or request alternative placement(s) or examinations, the District may administer and recognize results of a test purchased by the parent or student from Texas Tech University or the University of Texas at Austin.

#### High School

Students entering the district, who have been homeschooled or are coming from unaccredited schools seeking placement/validation of grade level or coursework, may be placed in appropriate course or grade level based on the decision of a campus committee consisting of the principal, counselor, and classroom teachers. If a student is Limited-English-Proficient, the LPAC must work in collaboration with the campus committee to determine appropriate instructional placement/validation. This placement requires parental approval. Evidence of previous classroom work, results of standardized testing, psychologists' recommendations, or records from previous setting(s) may be considered in order to determine placement. Should a parent challenge the placement, the parent may request an alternative examination. The FWISD may administer and recognize results of a test purchased by the parent or student from Texas Tech University or The University of Texas at Austin. A six-week placement for observation may be made pending CBE results.

#### **Without Prior Instruction**

Students can take a Credit by Exam to earn credit for a course without prior instruction. No prior instruction is

defined as having no formal instruction in the specific course content and/or grade for which the examination is given. In order to receive credit, a student must earn a score of 80 or above. Award of credit for a two-semester course is based upon successful passing scores on CBEs for both semesters.

Students will only be administered the tests for which they have an official registration verified and approved by their counselor. Students cannot register to take a CBE while concurrently enrolled in the course for which they are taking the exam. There is no charge to the student for taking a CBE for purposes of acceleration. Transportation to and from the testing site is not provided by the District. CBEs are not recognized by the NCAA for athletic eligibility purposes.

#### **CBE for EOC Courses**

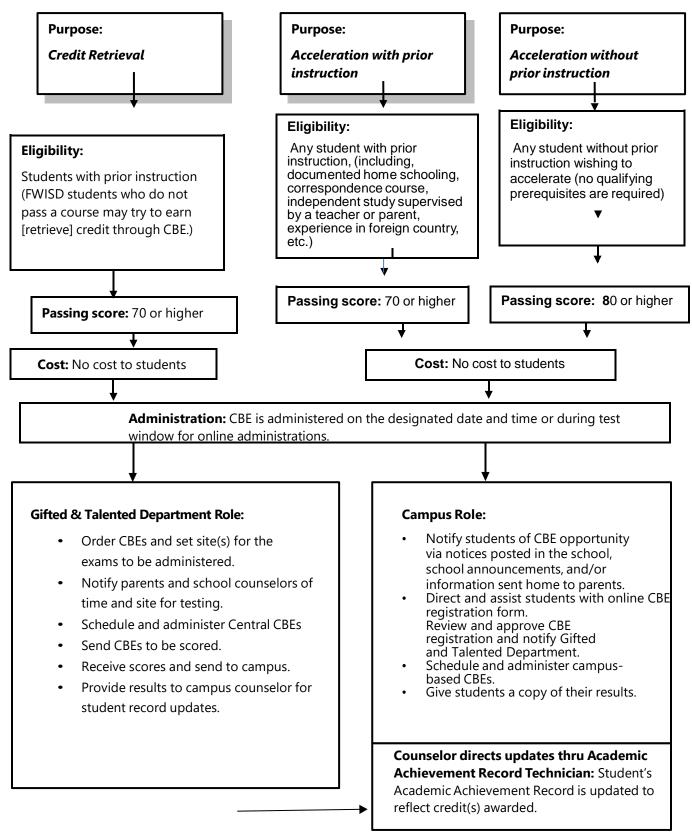
A student who has not had prior instruction in the course and passes the CBE with an 80 or higher, does not have to take the related EOC exam.

#### **Procedures for Taking a CBE for Acceleration**

- 1. Dates for Credit by Examination (CBE) testing for acceleration are published by the Gifted and Talented Department at the beginning of the school year.
- 2. Individual school campuses notify students via notices posted in the school, school announcements, and/or information sent home to parents.
- 3. Students contact their counseling office for CBEs and to complete the FWISD *Credit by Examination Student Registration Form*. A student may take a CBE for a particular course only once during each testing cycle and a total of two times. Counselor must verify and approve registration.
- 4. The District's Gifted and Talented Department orders the CBEs and sets the site(s) for the examination(s) to be administered. Please note that most of the exams will be administered online.
- 5. Parents receive a notification letter from the Gifted and Talented Department indicating the time and place designated for in-person test administration. Students will receive an email at their FWISD student email address with instructions for testing. The school counseling office also receives the information included in the parent notification.
- 6. The CBE is administered on the designated date and time or during testing window for online administration.
- 7. The CBE is sent to be scored.
- 8. The CBE scores are received by the Gifted and Talented Department and are provided to the campus counseling office.
- 9. Students receive a copy of their CBE results.
- 10. Counselor works with the Campus officer, Academic Achievement Record (AAR) technician for transcript history update in cases where credit is awarded.
- 11. The student's transcript is updated to reflect any credit(s) awarded. The CBE test score earned shall not be used for calculation of grade point average or in determining class rank, FWISD Policies EHDB and EHDC (LOCAL). CBE test scores are coded on the student's transcript with an (E) for each examination for acceleration or a (T) to note it is for credit verification when a CBE is used for credit retrieval.

Credit by examination shall not be used to gain eligibility for participation in extracurricular activities.

#### **Credit-by-Examination Flowchart**



# **CREDIT RECOVERY**

A student who fails a course may retrieve credits multiple ways within the District. A student may:

- Retake the class during the school year, or
- Retake the class in the District-approved, web-based, credit-recovery program, or
- Take an approved Credit-by-Exam, or
- Retrieve credit by taking the class in summer school.

#### Credit Recovery Using District-Approved, Web-Based Credit Recovery Program

A student who fails a course may be eligible to take a course in the Web- based Curriculum Program to recover credit. In order to recover credit, a student must earn a grade of 70 or higher and complete 100% of the coursework requirements. The grade earned in the Web-based Curriculum Program will be the grade placed on the student's transcript, but will not be included in the calculation of GPA.

#### **GPA Impact**

- The student's original failing grade will be included on the transcript and in the calculation of GPA.
- If the recovery course is passed with a minimum grade of 70, the actual grade earned on the course will be noted on the transcript.
- The grade earned in the recovery course will not be used in the calculation of GPA.

#### **Courses Requiring and End-of-Course Exam**

- A student who fails a course requiring an EOC, but who passes the EOC exam will be offered the option of taking a Credit-by-Exam to recover course credit or enroll in a web-based curriculum program.
- A student who fails Biology or U.S. History **and** fails the related EOC exam will be required to retake one or both failed semesters in a regular classroom setting. The student must earn a 70 to earn course credit. The student must also retake the EOC exam.
- A student who fails Algebra I, English I, or English II **and** fails the related EOC exam will be able to enroll in a web-based curriculum program for that course. The student must also retake the failed EOC.

	Passed Course?	Passed EOC?	Web-Based Curriculum Program Available?
Algebra I, English I, English II, US History, Biology	No	Yes	Yes
US History, Biology	No	No	No, must retake one or both failed semesters in a regular classroom setting
Algebra I, English I, English II	No	No	Yes

#### Credit Recovery Using a Credit-by-Exam (CBE)

A student can take a CBE to recover credit for a failed course. To receive credit, the student must earn a score of 70 or above. The score is recorded on the student's transcript and coded with a "T" indicating that credit is earned. The score on the CBE is not included in the calculation of GPA. The original failing grade is used in GPA calculation.

# Summary of Credit Recovery Methods

Method	Available For	Grade Needed	GPA Impact
Retake Course	A student who fails a course This is the only option for a student who fails both the course and the EOC for Biology and US History.	70	Original failing grade and new grade are calculated into GPA
District-approved Web- based program	A student who fails a course not requiring an EOC, or A student who fails Biology, or US History but passes the EOC, or A student enrolled in Algebra I, English I, or English II who fails both the course and the EOC	70 (in addition 100% of coursework requirements must be met)	Grade will be noted on transcript, but will not be used in the calculation of GPA
Credit-By-Exam (provided an exam is available for the course)	Any student who fails a course regardless of whether the course requires an EOC	70	Grade will be noted on transcript, but will not be used in the calculation of GPA
Summer School	Any student who fails a course	70	Grade is used in the calculation of GPA
Texas Virtual School Network, Texas Tech High School UT High School (with principal approval)	Any student who fails a course	70	Grade is not used in the calculation of GPA

# DISTANCE LEARNING AND CORRESPONDENCE COURSES THROUGH OUTSIDE ENTITIES

#### All Grade Levels

Distance learning and correspondence courses include courses that encompass the state-required essential knowledge and skills but are taught through multiple technologies and alternative methodologies such as mail, satellite, Internet, video-conferencing, and instructional television.

Resident students, students temporarily residing abroad, or out-of-school youth and adults are able to earn units by taking correspondence courses from another educational institution.

If a student wishes to enroll in a correspondence course or a distance learning course that is not provided through the Texas Virtual School Network (TxVSN), as described below, in order to earn credit in a course or subject, the student must receive written permission from the principal prior to enrolling in the course or subject. If the student does not receive prior approval, the district may not recognize and apply the course or subject toward graduation requirements or subject mastery.

All courses must have been approved by the Commissioner of Education and must include the state-required essential knowledge and skills. A school counselor must supervise the program.

Grades earned in these courses are recorded on the transcript but are not used in the calculation of GPA. Students in the 12<sup>th</sup> grade should complete these courses at least 30 days prior to graduation to be eligible for graduation at the end of the term.

#### Texas Virtual School Network (TxVSN) (Secondary Grade Levels)

The Texas Virtual School Network (TxVSN) has been established by the state as one method of distance learning. A student has the option, with certain limitations, to enroll in a course offered through the TxVSN to earn course credit for graduation.

Depending on the TxVSN course in which a student enrolls, the course may be subject to the "no pass, no play" rules. In addition, for a student who enrolls in a TxVSN course for which an end-of-course (EOC) assessment is required, the student must still take the corresponding EOC assessment. Grades earned in these courses are recorded on the transcript but are not used in the calculation of grade point average.

# **DUAL CREDIT**

Students may be eligible to earn college credit while they are still in high school by enrolling in dual credit courses. A variety of dual credit options are available to students. Dual credit courses may be offered at:

- Some high school campuses with the courses taught by an approved high school or college instructor;
- Tarrant County College sites through Dual Credit Academies;
- Various campus sites; Tarrant Count College District and Texas Wesleyan University taught by college instructors; and
- Online dual credit

To be eligible to enroll in college courses and also be awarded credit toward state graduation requirements, a student must meet qualifications set forth by the District and the participating institutions, choose courses approved by the District, and **have the approval of the high school principal**. Post Secondary Specialist and CTE Coordinators are to provide students with current information regarding approved dual credit courses. To receive high school credit, the student must have a minimum grade of a "D" (equivalent to a 70 or higher) on an official college transcript. Grades in these dual credit courses will be used in computing the high school grade point average. Approved FWISD dual credit courses successfully completed will receive Tier I credit. For additional information regarding dual credit, talk to the Postsecondary Specialist and CTE Coordinators at each campus.

Students who take a dual credit course that substitutes for one of the required End-of-Course-Examination courses must take the corresponding STAAR EOC assessment.

Additional information regarding dual credit courses is posted on the District website under the Choice and Collegiate Programming.

#### **Student Eligibility and Registration**

To enroll in college courses, students must meet eligibility requirements by both the District and the participating institution. The Programs of Choice and CTE coordinators will provide students with information regarding dual credit courses. Once the student has met participating institution qualifications, selected a dual credit course, completed the necessary paperwork, and received approval from the high school principal, the dual credit application will be submitted to the college or university.

The student should review the class requirements and syllabus during the first week of the dual credit course. If at this time, the student determines that it is no longer feasible for him/her to complete the dual credit course requirements, the student should immediately seek counsel regarding his/her concerns. The student should immediately make an appointment with the counselor as very prompt action may prevent dire grade consequences.

When contacted by a student who is concerned about his/her dual credit course, the counselor should advise the student of the following ramifications:

- Advise the student regarding the serious consequences of failing and/or dropping a dual credit course without following required procedures and timelines.
- Dual credit course grades are used in determining the student's Grade Point Average.
- Failure to earn at least a "D" grade (equivalent of a 70 or higher) in the dual credit course will deny the student high school equivalent credit for the designated high school course.
- Failure of credit for the high school equivalent to the dual credit may cause the student to fail to meet the course graduation requirement.

#### **Timeline for Dropping Dual Credit Course**

#### **FWISD** Timelines

If the student has made the decision to drop the dual credit course on or before the college drop deadline, the Postsecondary Specialist will work with the high school counselor to schedule the student into the appropriate high school course or high school credit retrieval program. The student will immediately begin attending the high school class with his/her current dual credit grade.

#### **University Timelines**

The student must immediately notify the university personnel and follow the required university procedures for dropping a dual credit course.

Each university has its own unique timeline for course withdrawal without a penalty.

Failure to contact the university and failure to follow required procedures could result in a failing grade at the university resulting in placement of the student on scholastic probation upon his/her return to the university.

#### Performance Acknowledgements for Dual Credit Courses

Dual credit courses approved by FWISD are the only college courses that may be used as college courses to count as Performance Acknowledgements in the Foundation High School Program. To qualify for this performance acknowledgement, a student must earn a 3.0 grade in a district approved college dual credit course as specified in 19 TAC 74 F(d) (3). These courses shall provide advanced academic instruction beyond or in greater depth than the related FWISD courses.

#### **Student Calendars**

FWISD and college calendars may differ. The college calendar predominates; i.e., if the college is in session, students may need to attend college classes even during FWISD holidays and breaks.

#### **Dual Credit Grades and Weighted Grade Points**

The teacher of record for all Dual Credit courses will be noted as the campus Post Secondary Specialist unless taught by a credentialed FWISD instructor. In that case, it will be the credentialed FWISD instructor. Dual Credit grades for FWISD students participating in the Dual Credit Academy will be reported by the instructors to the FWISD Dual Credit Coordinator at the end of each semester for verification and then sent to the campus Post Secondary specialist . The campus data clerk will process these grades.

A student who takes approved FWISD Dual Credit courses on his/her own must bring an official college or university transcript to his/her campus once the course has been completed. Students must have the approval of their principal and campus Postsecondary Specialist prior to taking a Dual Credit course on their own. The campus will record the student's official final grade on the student's Academic Achievement Record. A minimum grade of "D" (equivalent of a 70 or higher) on an official transcript is needed for award of credit. **Grades in dual credit courses will be used in computing the high school grade point average. To be included in Core GPA, the course must be listed as one that is eligible for inclusion in Core GPA.** Approved FWISD dual credit courses successfully completed will receive weighted credit. **Failure of a required course may endanger graduation. Students are responsible for contacting the college for admission, tuition, fees and financial aid.** 

#### Dual Credit and University Interscholastic League (UIL) Eligibility

Dual credit courses are listed by the State Board of Education as being included in the list of advanced classes identified for no pass, no play exemptions for UIL competitions in the areas of English Language Arts, Mathematics, Science, Social Studies, Economics and Languages Other than English/World Languages. By law a grade less than 70 in any of these classes does not affect a student's eligibility. In addition, House Bill 208 that is effective school year 2007-2008 states: "A student otherwise eligible to participate in an extracurricular or UIL activity is not ineligible because the student is enrolled in dual credit or concurrent enrollment courses, regardless of the location at which the course is provided."

#### **CONCURRENT ENROLLMENT**

Concurrent credit courses are college courses taken by a student and not associated with the high school or the high school curriculum. Successful completion of the course results in college credit only that will not count as fulfilling any of the high school graduation requirements.

#### **CONCURRENT ENROLLMENT – ONRAMPS UT AUSTIN PROGRAM**

OnRamps is a dual-enrollment program that bring rigorous courses aligned with the high standards and expectations of the University of Texas at Austin. The program uses a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Dual-enrollment through UT OnRamps allows students to earn college credit while in high school and is different from Dual Credit. OnRamps courses will transfer to any public college or university.

- The OnRamps Dual Enrollment Program allows high school students to experience college academic rigor by taking actual college exams created by a UT professor.
- Dual enrollment students receive two grades: one from the high school teacher and one from the UT professor; dual credit students receive the same grade earned in high school on their college transcripts.
- Dual enrollment students may *choose* to have the college grade transcripted on their UT transcripts; Dual credit students' grades *will* be recorded on the college transcripts.
- Conferred credit in a TSI required course, like math or English, is a TSIA exemption in that area. So, for RHE and HIST, the student will receive an exemption for ELAR; for College Algebra, Statistics, and Precalculus, the student will receive an exemption in math. In most cases, the CS and AET courses do not yield a TSIA exemptions. This is dependent on the institution. <u>https://tea.texas.gov/academics/college-career-and-military-prep/the-tsia-texas-success-initiative-assessment</u>

#### FWISD will offer the following OnRamps courses:

Mathematics	Science	Social Studies	English Language Arts
OnRamps Precalculus	OnRamps Physics I	<ul> <li>OnRamps United</li> </ul>	OnRamps Rhetoric &
OnRamps Statistics	OnRamps Physics II	States History	Writing
OnRamps College	OnRamps Chemistry I		
Algebra	OnRamps Chemistry II		
_	OnRamps Biology		
	OnRamps Earth &		
	Space Science		
	OnRamps Quantum		
	Computing		

Computer Science	Fine Arts
OnRamps Computer	OnRamps Art IV: Arts and
Science	Entertainment Technologies

#### **EARNING COURSE CREDIT**

#### Middle School Courses

A middle school student advances to the next grade if the student has an overall average of 70 on all subject areas and a grade of 70 or above in three of the following areas: language arts, mathematics, science, and social studies.

#### **High School Courses**

A student in grades 9 – 12, or in a lower grade when a student is enrolled in a high school credit-bearing course, will earn credit for a course only if the final grade is 70 or above.

Beginning with the 2018 – 2019 school year, if a student passes one semester and fails the other semester of a two-semester course, the student will receive credit for both semesters if the combined average of the two semesters is 70 or higher. If the combined average of the two semesters is not at least a 70, the student will only receive credit for the semester with a 70 or higher. *The grades must be earned in the same school year. A school year is defined as the fall semester, spring semester, and summer semester.* 

Semester 1	Semester 2	Average	Credit Earned	EOC Course	Options to Regain Credit
Pass (80)	Fail (68)	Pass (74)	1.0 for the full year	Pass	N/A
Pass (70)	Fail (68)	Fail (69)	0.5 credit for first semester only	Fail	Retake second semester and the EOC (web-based curriculum may be used for certain math and English courses)
Fail (68)	Pass (80)	Pass (74)	1.0 credit for full year	Fail	Retake EOC exam
Fail (68)	Pass (70)	Fail (69)	0.5 credit for second semester only	Not an EOC Course	Web-based curriculum program, <i>Credit By</i> <i>Exam</i> , or retake first semester

#### LOTE High School Courses Taken in Middle School

A middle school LOTE course is taken over four semesters to earn one high school credit. Successful completion of the course will earn the student one credit. A half-credit is not awarded for LOTE courses taken in middle school.

Successful completion of the first half of the course (7<sup>th</sup> grade) is a prerequisite for placement into the second half in 8<sup>th</sup> grade.

	Gra	de 7	Average	Gra	de 8	Average	Average for Both Years	
	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	7 <sup>th</sup> Grade Yearly Average	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	8 <sup>th</sup> Grade Yearly Average	7 <sup>th</sup> & 8 <sup>th</sup> Grade Average	Credit Or No Credit
	60	63	61.5 = 62	70	65	67.5 = 68	65	No Credit
А			Failed 1 <sup>st</sup> Year			Failed 2 <sup>nd</sup> Year	Average below 70	
*В	70	75	72.5=73 Passed 1 <sup>st</sup> year	70	65	67.5=68 Failed 2 <sup>nd</sup> year	70.25=70 Average 70	1 credit
	68	70	69	70	80	75	72	1 Credit
*C			Failed 1 <sup>st</sup> yr.			Passed 2 <sup>nd</sup> year	Average 72	
	The technology used for the grading system rounds up a grade of .5 or above to the next whole number each time six weeks grades are posted.					twhole		

\*Half credit is not awarded in LOTE in middle school. Credit may be retrieved by taking a summer school course or by using an approved Credit-By-Examination.

#### **END-OF-COURSE (EOC) ASSESSMENTS**

[See Graduation and Standardized Testing for more information.]

#### **EMERGENT BILINGUAL STUDENTS**

An emergent bilingual student is entitled to receive special services from the district. Upon initial enrollment in any Texas district, parents are asked to complete a Home Language Survey. This survey asks questions about language use in the home by the family and the student. If any of the responses on the survey indicate a language other than English, the student is assessed to determine the level of English proficiency.

In FWISD, these initial English language proficiency assessments are usually administered at the Student Placement Center. The staff is trained in administering the state-approved language proficiency assessments.

If the student speaks any language other than English, an assessment is administered to determine the level of proficiency in English. If an elementary student is a Spanish-speaker, a Spanish language proficiency assessment is administered to help the school determine appropriate placement in the Dual Language program.

If a student qualifies for special language support programs, the Student Placement Center makes program recommendations, which are then sent to the campus Language Proficiency Assessment Committee or LPAC. The campus LPAC reviews the recommendations and assessment information from the Student Placement Center and makes the final program placement decision along with any linguistic accommodations needed for daily instruction and state-mandated assessment.

Students identified as Newcomer are determined to have less than three years in U.S. schools. Most Newcomer students possess beginning- or intermediate-level English-speaking proficiency levels. Newcomer students may be scheduled into Newcomer Programs (NP). These include International Newcomer Academy and Success High School as well as Language Centers at various middle and high schools.

In these programs, students take ESL or ELLA (if middle school) and EngSOL I and II (if high school) as well as "sheltered" core area classes. At middle school, ELLA 7 may be substituted for English Language Arts & Reading, Grade 7; ELLA 8 may be substituted for English Language Arts & Reading, Grade 7; ELLA 8 may be substituted for English Language Arts & Reading, Grade 8. The ELLA courses must be paired (double-blocked) with an ESL-Lab course. At high school, the two EngSOL credits may substitute for English I and English II credits. ESOL I or ESOL 2 must be paired (double-blocked) with the English Language Development & Acquisition (ELDA) course. ESOL 1 must be paired with ELDA 1, while ESOL 2 must be paired with ELDA 2. Students completing the Newcomer Program are moved to ESL programs in middle school or to sheltered English programs in high school.

High school emergent bilingual students with more than 3 years in U.S. schools are generally in the advanced or advanced-high levels of English language proficiency. They are to be placed in sheltered English classes. Middle school advanced or advanced-high students must be served in ESL programs. See the chart below for the recommended EngSOL/English course sequence for high school. More specific course information is found in the emergent bilingual course section of this Bulletin.

	9	10	11	12
	English SOL NP I	English SOL NP II	English III	English IV
EB students at beginning/intermediate level of English language proficiency (Newcomer Program)	elda 1	ELDA 2		Sheltered Reading LC III-ESL*
		Prof. Comm. or Comm. App. – ESL		
		Practical Writing-ESL		
EB students at advanced/advanced high level of English language proficiency	Sheltered English I	Sheltered English II	Sheltered English III	English IV
	Sheltered Reading I	Sheltered Reading II		Sheltered Reading III

### Emergent bilingual students (EBs) enrolled in English I or II for Speakers of Other Languages courses are required to take the STAAR English I and II assessments

Parent permission must be secured before any language support services can be provided. The LPAC will also determine whether certain accommodations are necessary for any state-mandated assessments.

The Texas English Language Proficiency Assessment System (TELPAS) will also be administered to emergent bilinguals who qualify for services.

If a student is considered an emergent bilingual and receives special education services because of a qualifying disability, the student's ARD committee will make instructional and assessment decisions in conjunction with the LPAC.

#### FOREIGN STUDY PROGRAM

The FWISD does not officially sponsor any foreign travel experiences for students. However, teachers may work with independent student travel companies to provide language and culture opportunities for students. The Director of World Languages may recommend such companies that are known to be reputable.

Foreign exchange students who enroll in the district will not be included in a high school's class rankings or graduation, except when a transcript reflects successful completion of all required credits for graduation and End-of-Course exams.

#### **GRADE-LEVEL CLASSIFICATION (Grades 9–12 Only)**

After the ninth grade, students are classified according to the number of credits earned toward graduation. The following charts display the credits needed for classification and spring reclassification. Only courses counting toward state graduation credits are included; local credit courses do not count.

Reclassification occurs before the beginning of each school year, and in some special cases, at other times for state testing purposes or early graduation requirements.

Fort Worth ISD Grade Classification Foundation Plan with Endorsement			
All require 26 credits for Graduation			
	Grade Level Classification	Required State Course Credits Earned	
	9 – Freshman	0 credits	
Foundation with an	10 – Sophomore	6 credits	
Endorsement	11 – Junior	12 credits	
	12 – Senior	19 credits	
Foundation Without an Endorsement	12 – Senior	15 credits	
	22 credits required for MSHP Graduation and for FHSP Graduation w/out an Endorsement		

The chart below is for:

- Students who have repeated a grade level and have earned the required course credits for *spring semester* reclassification; or
- Seniors who are on the Foundation High School Plan (FHSP) without an endorsement.

This grade reclassification will allow senior students to be included in senior meetings to receive relevant information needed to complete senior year activities and responsibilities. Check with the Counseling Office for the deadline for grade level reclassification.

Fort Worth ISD Grade Reclassification – Spring Semester		
Grade Level Classification	Required State Course Credits Earned	
9 – Freshman (repeaters)	8 credits	
10 – Sophomore (repeaters)	15 credits	
11 – Junior (repeaters)	22.5 credits	
12 – Senior		
MHSP (minimum plan) or FHSP w/o an endorsement	18.5 credits	
22 credits required		

Students currently enrolled in high school who have not earned the required credits needed to be on grade level and who have not been officially permitted in the Foundation High School Plan without an endorsement are to meet with their counselor to determine the various ways they may schedule courses to make up the needed graduation credits.

#### Junior – Senior Reclassification during the Sixth Six-Weeks

If a repeat 11<sup>th</sup> grade student, who did not have enough credits to be classified as a 12<sup>th</sup> grade student at semester, has earned the credits during the spring semester to still graduate in June, then the student will need to be reclassified to the 12<sup>th</sup> grade during the 6<sup>th</sup> six-weeks. This will allow the student to be included in the final graduation class total and receive a transcript marked as a 12<sup>th</sup> grade student. A grade change form will need to be completed and submitted to the data clerk for entry by the end of the 3<sup>rd</sup> week of the 6<sup>th</sup> six-weeks.

#### **GRADING GUIDELINES (All Grade Levels)**

Grading guidelines will be distributed to each campus prior to the start of the school year. The guidelines for each grade level or course will be communicated and distributed to students and their parents by the classroom teacher. These guidelines establish the minimum number of assignments, projects, and examinations required for each grading period. In addition, these guidelines establish how the student's mastery of concepts and achievement will be communicated (i.e., letter grades, numerical averages, checklist of required skills, etc.). Grading guidelines also outline in what circumstances a student will be allowed to redo an assignment or retake an examination for which the student originally made a failing grade. Procedures for a student to follow after an absence will also be addressed.

#### GRADUATION

#### **Requirements for a Diploma Beginning with the 2014–15 School Year**

Beginning with students who entered grade 9 in the 2014–15 school year, a student must meet the following requirements to receive a high school diploma from the district:

- Complete the required number of credits established by the state and any additional credits required by the district;
- Complete any locally required courses in addition to the courses mandated by the state;
- Achieve passing scores on certain end-of-course (EOC) assessments or approved substitute assessments, unless specifically waived as permitted by state law; and
- Demonstrate proficiency, as determined by the district, in the specific communication skills required by the State Board of Education (SBOE).
- Receive instruction in Cardiopulmonary Resuscitation (CPR)
- Receive instruction on proper interaction with a peace officer during traffic stops and other in-person encounters.
- Complete and submit a Free Application for Federal Student Aid (FAFSA) or TASFA form.

#### **Testing Requirements for Graduation**

Students are required, with limited exceptions and regardless of graduation program, to perform satisfactorily on the following EOC assessments: English I, English II, Algebra I, Biology, and U.S. History. A student who has not achieved sufficient scores on the EOC assessments to graduate will have opportunities to retake the assessments.

If a student fails to perform satisfactorily on an EOC assessment, the district will provide remediation to the student in the content area for which the performance standard was not met. This may require participation of the student before, after normal school hours, or at times of the year outside normal school operations.

In limited circumstances, a student who fails to demonstrate proficiency on two or fewer of the required assessments may still be eligible to graduate if an individual graduation committee, formed in accordance with state law, unanimously determines that the student is eligible to graduate.

[Also, see Standardized Testing for more information.]

#### **Foundation Graduation Program**

Every student in a Texas public school who entered grade 9 in the 2014–15 school year and thereafter will graduate under the "foundation graduation program." Within the foundation graduation program are "endorsements," which are paths of interest that include Science, Technology, Engineering, and Mathematics (STEM); Business and Industry; Public Services; Arts and Humanities; and Multidisciplinary Studies.

Endorsements earned by a student will be noted on the student's transcript. The foundation graduation program also involves the term "distinguished level of achievement," which reflects the completion of at least one endorsement and Algebra II as one of the required advanced mathematics credits.

State law and rules prohibit a student from graduating solely under the foundation graduation program without an endorsement unless, after the student's sophomore year, the student and student's parent are advised of the specific benefits of graduating with an endorsement and submit written permission to the school counselor for the student to graduate without an endorsement. A student who anticipates graduating under the foundation graduation program without an endorsement and who wishes to attend a four-year university or college after graduation must carefully consider whether this will satisfy the admission requirements of the student's desired college or university.

Endorsements are made up of at least four to five credits taken in a coherent sequence providing advanced or more indepth knowledge and skills in a curriculum area. In Social Studies Arts and Humanities endorsements five social studies credits are required. A student may earn an endorsement by successfully completing:

- Curriculum requirements for the endorsement;
- Four credits in mathematics
- Four credits in science
- Two additional elective credits

Courses needed to satisfy an endorsement may also be used to satisfy foundation course requirements. Students may enroll in courses under more than one endorsement before the student's junior year.

Graduating under the foundation graduation program will also provide opportunities to earn "performance acknowledgments" that will be acknowledged on a student's transcript. Performance acknowledgments are available for outstanding performance in bilingualism and biliteracy, in a dual credit course, on an AP or IB exam, on certain national college preparatory and readiness or college entrance exams, or for earning a state recognized or nationally or internationally recognized license or certificate. The criteria for earning these performance acknowledgments are prescribed by state rules, and the school counselor can provide more information about these acknowledgments.

	Foundation Program 22 Credits	Foundation + Endorsements 26 Credits	Distinguished Level of Achievement (Recommended for All students) 26 Credits
ELA 4 Credits	<ul> <li>English I</li> <li>English II</li> <li>English III</li> <li>One advanced English course</li> </ul>	<ul> <li>English I</li> <li>English II</li> <li>English III</li> <li>One advanced English course</li> </ul>	<ul> <li>English I</li> <li>English II</li> <li>English III</li> <li>One advanced English course</li> </ul>
MATH 3 – 4 Credits	<ul><li>Algebra I</li><li>Geometry</li><li>Additional math course</li></ul>	<ul> <li>Algebra I</li> <li>Geometry</li> <li>Additional math course</li> <li>Additional math course toward Endorsement</li> </ul>	<ul> <li>Algebra I</li> <li>Geometry</li> <li>Algebra II *</li> <li>Additional math course toward Endorsement</li> </ul>
SCIENCE 3 – 4 Credits	<ul><li>Biology</li><li>IPC or Chemistry or Physics</li><li>Additional science course</li></ul>	<ul> <li>Biology</li> <li>IPC or Chemistry or Physics</li> <li>Additional science course</li> <li>Additional science course toward Endorsement</li> </ul>	<ul> <li>Biology</li> <li>IPC or Chemistry or Physics</li> <li>Additional science course</li> <li>Additional science course toward Endorsement</li> </ul>
SOC STUD 4 Credits	<ul> <li>World/Human Geography</li> <li>World History/Ethnic Studies</li> <li>US History</li> <li>Government &amp; Economics</li> </ul>	<ul> <li>World/Human Geography</li> <li>World History/Ethnic Studies</li> <li>US History</li> <li>Government &amp; Economics</li> </ul>	<ul> <li>World/Human Geography</li> <li>World History/Ethnic Studies</li> <li>US History</li> <li>Government &amp; Economics</li> </ul>
NON-CORE 8 – 10 Credits	<ul> <li>2 credits, World Language ***</li> <li>1 credit, Physical Education **</li> <li>1 credit, Fine Arts</li> <li>0.5 credit, Health</li> <li>0.5 credit, Speech</li> <li>3 credits, Electives</li> </ul>	<ul> <li>2 credits, World Language ***</li> <li>1 credit, Physical Education **</li> <li>1 credit, Fine Arts</li> <li>0.5 credit, Health</li> <li>0.5 credit, Speech</li> <li>5 credits, Electives</li> </ul>	<ul> <li>2 credits, World Language ***</li> <li>1 credit, Physical Education **</li> <li>1 credit, Fine Arts</li> <li>0.5 credit, Health</li> <li>0.5 credit, Speech</li> <li>5 credits, Electives</li> </ul>

Available Endorsements****:	
Science, Technology, Engineering, and Mathematics	
Business and Industry	
Public Services	
Arts and Humanities	
Multidisciplinary Studies	

\* In order to obtain the distinguished level of achievement under the foundation graduation program, which will be denoted on a student's transcript and is a requirement to be considered for automatic admission purposes to a Texas four-year college or university, a student must complete an endorsement and take Algebra II as one of the 4 mathematics credits.

\*\* A student who is unable to participate in physical activity due to a disability or illness may be able to substitute a course in English language arts, mathematics, science, social studies, or another locally determined credit-bearing course for the required credit of physical education. This determination will be made by the student's ARD committee, Section 504 committee, or other campus committee, as applicable.

\*\*\* Students are required to earn two credits in the same language other than English to graduate. Any student may substitute approved computer-programming languages for these credits. In limited circumstances, a student may be able to substitute this requirement with other courses, as determined by a district committee authorized by law to make these decisions for the student.

\*\*\*\* A student must specify upon entering grade 9 the endorsement he or she wishes to pursue.

#### FWISD/Texas Graduation Requirements: Foundation High School Program for Students Entering Grade 9 in 2014-2015 and Thereafter

Foundation Courses Required = 22 plus 4 for an Endorsement = 26 credits for graduation. Each Endorsement is to consist of a coherent sequence of courses totaling 4 to 5 credits.

Endorsement is to c	consist of a coherent sequence of courses totali	ng 4 to 5 credits.
English (4 Credits)	Mathematics (3 credits; 4 credits for endorsement)	Science (3 credits; 4 credits for endorsement)
Three of the credits must consist of:		
English I, II, and III	Two of the credits must include:	Three of the credits to include:
	Algebra I & Geometry	
(May substitute AP Language &		One Biology credit:
Composition, AP Literature &	The additional credit may be selected from 1 full	Biology, AP Biology, or IB Biology
Composition, OnRamps English, or	credit or a combination of 2 half credits from 2	
Dual Credit English Composition for	different courses, subject to prerequisites from this	One credit to be selected from the following
English III)	list <b>OR</b> from the fourth credit list further below.	laboratory-based courses:
		Integrated Physics & Chemistry;
Students with limited English proficiency	Mathematical Models w/Applications	Chemistry, AP Chemistry, IB Chemistry, OnRamps
who are at the beginning or intermediate	Mathematical Applications in Agriculture, Food,	Chemistry, or Dual Credit Chemistry;
level of English language proficiency may	and Natural Resources;	Physics, OnRamps Physics, AP Physics I, IB Physics,
satisfy the English I and II requirements	Digital Electronics; Financial Mathematics;	or Dual Credit Physics;
by successfully completing English I and		Principles of Technology
II for Speakers of Other Languages	Applied Mathematics for Technical Professionals;	Four science credits are required for an
The state of the second	Accounting II Manufacturing Engineering Technology II;	Four science credits are required for an Endorsement.
<b>The 4<sup>th</sup> credit</b> may be selected from 1	Robotics II	Endorsement.
full credit or a combination of 2 half	RODOLICS II	The additional credit may be selected from 1 full
credits from 2 different courses, subject	Four math credits are required for an	credit or a combination of 2 half credits from 2
to prerequisite requirements:	endorsement. Algebra II is required for the	different courses, subject to prerequisites:
English IV	Distinguished Level of Achievement	unerent courses, subject to prerequisites.
Humanities	Distinguished Level of Achievement	Chemistry
AP Language and Composition	The additional credit may be selected from 1 full	Physics
AP Literature and Composition	credit or a combination of 2 half credits from 2	Aquatic Science
OnRamps English	different courses, subject to prerequisites:	Astronomy
Business English	· · · · · · · · · · · · · · · · · · ·	Earth Systems Science
College Preparatory English (Integrated	Algebra II	Environmental Systems
Reading & Writing)	Precalculus	Specialized Topics in Science
Texas College Bridge English	Advanced Quantitative Reasoning	Advanced Animal Science
Eligible Dual Credit English	Independent Study in Mathematics	Advanced Plant and Soil Science
substitutions*	Discrete Math for Problem Solving	Anatomy & Physiology
	Algebraic Reasoning	Medical Microbiology
*See the English section for a complete	Statistics	Pathophysiology
list of Dual Credit Substitutions.	AP Computer Science A	Food Science
	Engineering Mathematics	Forensic Science
	Statistics & Business Decision Making	Biotechnology I and II
	Mathematics for Medical Professionals	Principles of Technology
	Discrete Math for Computer Science	Scientific Research & Design
	AP Statistics	Engineering Design & Problem Solving
	AP Calculus AB	Engineering Science
	AP Calculus BC	AP Biology
	College Preparatory Math	AP Chemistry
	Texas College Bridge Math	AP Physics I
	OnRamps PreCalculus	AP Physics 2
	OnRamps Statistics	AP Physics C – Mechanics
	OnRamps College Algebra	AP Physics C – E&M
	Eligible Dual Credit math substitutions*	AP Environmental Science
		OnRamps Physics, OnRamps Physics II
	*See the Math section for a complete list of Dual	OnRamps Chemistry I, OnRamps Chemistry II
	Credit Substitutions.	OnRamps Biology, OnRamps Earth & Space Science
		Dual Credit science courses*
		Duar creait science courses
		*See the Science section for a complete list of Dual
		Credit Substitutions.
		e. can substitutions.

#### FWISD/Texas Graduation Requirements: Foundation High School Program for Students Entering Grade 9 in 2014-2015 and Thereafter

Social Studies (4 Credits)	Languages Other Than English (LOTE)	Fine Arts (1 credit)
Must consist of:	2 credits	Credit may be from the following
	The credits may be selected from: Any two levels in	courses:
B credits of the following:	the same language; or Two credits in computer	
Norld Geography Studies OR	programming languages selected from Computer	Art, Level I, II, III, or IV;
AP Human Geography OR	Science I, II, and III, AP Computer Principles, or AP	Dance, Level I, II, III, or IV;
Dual Credit World Geography	Computer Science A, IB Computer Science Standard	Music, Level I, II, III, or IV;
	Level and IB Computer Science Higher Level;	Music Studies
J.S. History Studies Since 1877 OR		Theatre, Level I, II, III, or IV;
AP U.S. History OR	If a student, in completing the first credit of LOTE,	Musical Theatre, Level I, II, III, or IV;
Dual Credit US History OR	demonstrates that the student is unlikely to be able	Technical Theatre, Level I, II, III, or IV;
OnRamps US History OR	to complete the second credit, the student may	Floral Design;
B History of the Americas, Year 1	substitute another appropriate course as follows:	Digital Art and Animation
	Special Topics in Language and Culture	3-D Modeling and Animation
U.S. Government OR	Another credit selected from a different LOTE	-
AP U.S. Government OR	• Computer programming languages from the list noted	See the Fine Arts section for a complete lis
Dual Credit U.S. Government (1/2 credit)	above, including computer coding	of all courses that fall into each of the
		above categories.
Economics OR	The determination regarding a student's ability to	5
AP Microeconomics OR	complete the second credit of LOTE must be agreed	
AP Macroeconomics OR	by:	
Dual Credit Economics (1/2 credit) OR	• The teacher of the first LOTE course, the	
Personal Financial Literacy/Economics	principal or designee, and the student's parent;	
<i>.</i>	• The ARD or 504 committee, if applicable	
1 credit selected from the		
following:	A student, who due to a disability, is unable to	
	complete 2 credits in the same LOTE, may substitute a	
World History OR	combination of 2 credits from ELA, math, science or	
AP Modern World History OR	social studies (can be from 1 area or 2 areas) or 2	
Dual Credit World History OR	credits in CTE or technology applications for the LOTE	
	requirement. (Cannot combine a credit from the ELA,	
Ethnic Studies course pairing	math, science, and social studies areas with a credit	
STSS: African and African-American	from the CTE/technology applications area)	
Perspectives and Historical	The determination regarding the student's ability to	
Contributions (.5 credits) AND	complete the LOTE requirement will be made by the	
STSS: Latino/a Studies (.5 credits)	ARD or 504 committee, as applicable.	
Physical Education (1 Credit)	Health (0.5 Credit) FWISD Requirement	Speech (0.5 Credit) FWISD
May be selected from	May be selected from the following:	Requirement
the following:	Health (0.5 credit) or	May be selected from the following:
PE courses; or	Principles of Health Science (1 credit) or	Communications Applications;
PE substitutions; or	Honors Principles of Health Science or	Professional Communications;
District-Approved Off Campus	Approved Dual Credit Health Course	Debate I (or Honors)
Programs; or		Public Speaking
Approved Dual Credit PE Courses		Independent Study in Speech or
		Approved Dual Credit Speech

State approved innovative courses (these courses only meet elective requirements and will not meet state specific named course requirements); Junior Reserve Officer Training Corp (1 – 4 credits); or

Reading I, II, and III based on assessed individual needs (up to 3 credits)

#### **Endorsement Requirements**

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (STEM)	Includes courses directly related to: Science, including environmental science Technology, including computer science Engineering Math	<ul> <li>Must complete Algebra II, Chemistry, and Physics or Principles of Technology, and one of the following: <ol> <li>A coherent sequence of courses for 4 or more credits in CTE that consists of at least 2 courses in the same career cluster and at least 1 advanced CTE course. The final course in the sequence must be selected from the STEM career cluster or Career Preparation I or II and Project-Based Research; or</li> <li>Courses required to complete a TEA-designated program of study related to STEM; or</li> <li>A total of 5 credits in Math by successfully completing Algebra I, Geometry, Algebra II, and 2 additional Math courses for</li> </ol> </li> </ul>
		<ul> <li>which Algebra II is a prerequisite.</li> <li>4. A total of 5 credits in science by successfully completing biology, chemistry, physics, and 2 additional Science courses.</li> <li>5. In addition to Algebra II, Chemistry, and Physics, a coherent sequence of 3 additional credits from no more than two of the three areas listed in 1, 2, 3, and 4 above.</li> </ul>
BUSINESS AND INDUSTRY	Includes courses directly related to: Agriculture, Food, & Natural Resources Architecture & Construction Arts, Audio/Video Technology, & Communications Business Management & Administration Finance Hospitality & Tourism Information Technology Manufacturing Marketing Transportation, Distribution, & Logistics Energy Career Prep I or II and Project- Based Research	<ul> <li>Must complete one of the following: <ol> <li>Coherent sequence of courses for 4 or more credits in CTE that consists of at least two courses in the same career cluster and at least one advanced CTE course. The final course in the sequence must be selected from one of the courses listed to the left; or</li> <li>Four English elective credits by selecting three levels in one of the following areas: <ul> <li>Advanced Broadcast Journalism</li> <li>Advanced Journalism: Newspaper</li> <li>Advanced Journalism: Literary Magazine</li> <li>Debate</li> <li>Public Speaking; or</li> </ul> </li> <li>Courses required to complete a TEA-designated program of study related to business and industry; or 3.</li> </ol></li></ul>

PUBLIC SERVICE	Includes courses directly related to: Education & Training Health Sciences Human Services Law, Public Safety, Corrections & Security Career Prep I or II and Project- Based Research	<ul> <li>Must complete one of the following:</li> <li>1. Coherent sequence of courses for 4 or more credits in CTE that consists of at least two courses in the same cluster and at least one advanced CTE course. The final course in the sequence must be selected from one of the courses listed to the left; or</li> <li>2. Four courses in JROTC; or</li> <li>3. Courses required to complete a TEA-designated program of study related to public services.</li> </ul>
ARTS & HUMANITIES	Includes courses directly related to: Cultural studies English Literature Fine arts History Political science World languages	<ul> <li>Must complete one of the following: <ol> <li>Total of 5 social studies credits; or</li> <li>Four levels of the same language in language other than English (LOTE); or</li> <li>Two levels of the same language in LOTE and two levels of a different language in LOTE; or</li> <li>Four levels of American Sign Language; or</li> <li>Coherent sequence of 4 credits by selecting courses from 1 or 2 categories or disciplines in fine arts or innovative courses approved by the commissioner; or</li> <li>Four English elective credits by selecting from the following: <ul> <li>English IV</li> <li>Independent Study in English</li> <li>Literary Genres</li> <li>Creative Writing</li> <li>Research &amp; Technical Writing</li> <li>Humanities</li> <li>Communication Applications</li> <li>AP English Literature &amp; Composition</li> </ul> </li> </ol></li></ul>
MULTIDISCIPLINARY	Allows a student to select courses from the curriculum of each endorsement area and earn credits in a variety of advanced courses from multiple content areas sufficient to complete the distinguished level of achievement	<ul> <li>Must complete one of the following:</li> <li>1. Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence; or</li> <li>2. Four credits in each of the four foundation subject areas to include Chemistry and/or Physics and English IV or a comparable AP or IB English course; or</li> <li>3. Four credits in Advanced Placement or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts.</li> </ul>

#### STEM Endorsement Samples

With different focuses: Mathematics, Science, (Technology example in CTE charts)

Mathematics Focus <u>Science, Technology, Engineering and Mathematics (STEM) Endorsement</u> including four courses/credits in mathematics by successfully completing Algebra II, and three more course/credits for which Algebra II is a prerequisite. See some course suggestions in the chart below.						
Grade Levels	Course #s	Course Name	Course Credit	Does this sequence qualify for a	Sequence qualifies for an endorsement for the	
may vary				Performance	Distinguished Level of	
				Acknowledgement?	Achievement (DLA)	
		Algebra II	1.0	Yes, if the student earns	Meets the requirement of	
	7121	Pre-Calculus	1.0	<b>3 or higher</b> on the AP	one STEM Endorsement.	
	7145	AP Statistics	1.0	examination.	See all criteria needed to	
	7123	Honors Pre-Calculus	1.0	Also see dual credit	completeDistinguished	
	7124	AP Calculus AB	1.0	criteria	Level of Achievement.	
	7126	AP Calculus BC	1.0			
		Total Credits Needed	4.0			

Sciencerocus	Sci	ence	Foo	us
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**Science, Technology, Engineering and Mathematics (STEM) Endorsement** including four courses/credits in science by successfully completing **physics and three additional science course/credits**. See some course suggestions in the chart below.

Grade Levels may vary	Course #s	Course Name	Course Credit	Does this sequence qualify for a Performance Acknowledgement?	Sequence qualifies for an endorsement for the Distinguished Level of Achievement (DLA)
	7625	AP Physics 1	1.0	Yes, if the student	Meets the requirement of one
	7627	AP Physics 2	1.0	earns	STEM Endorsement. See all
	7628	AP Physics C: Mechanics	1.0	a <b>3 or higher</b> on the AP examination.	criteria needed to complete Distinguished
	7618	AP Physics C: Elec /Mag	1.0	Also see dual credit	Level of Achievement.
	7610	AP Chemistry	1.0	Criteria.	Level of Achievement.
		Dual Credit substitutions	1.0		
		<b>Total Credits Needed</b>	4.0		

#### Arts & Humanities Endorsement Samples

#### Fine Arts Endorsement Course Sequence Samples

<u>Art Endorsement</u> with <b>English IV</b> and <b>four</b> (courses/credits): See some course suggestions in the chart below. AP courses may be available at various campuses.							
Grade Levels	Course #s a variety qualify	Course Name	Course Credit	Does this sequence qualify for a Performance Acknowledgement?	Sequence qualifies for an endorsement for the Distinguished Level of Achievement (DLA)		
9th		Art I A/B	1.0	Yes, if the student	Meets the requirement of		
10th		Art II A/B	1.0	earns a <b>3 or higher</b>	one Fine Arts Endorsement. See		
11th		Art III including AP Art	1.0	on an AP	all other		
12th		Art IV including AP Art	1.0	<b>examination.</b> Also see dual credit criteria	criteria needed to complete Distinguished Level of Achievement		
		Total Credits Needed	4.0				

**Fine Arts Endorsement** with **English IV** and **four** (courses/credits): may include a coherent sequence of four credits by selecting courses from **one or two categories or disciplines in fine arts**.

See some	See some course suggestions in the chart below.							
Grade	Course	Course Name	Course	Does this sequence	Sequence qualifies for an			
Levels	#s a		Credit	qualify for a	endorsement for the			
	variety			Performance	Distinguished Level of			
	qualify			Acknowledgement?	Achievement (DLA)			
9th		Dance I or Theatre I A/B	1.0	Review all criteria.	Meets the requirement of			
10th		Dance II or Theatre II A/B	1.0	See dual credit criteria	one Fine Arts Endorsement. See			
11th		Dance III or Theatre III A/B	1.0		all additional criteria			
12th		Dance IV or Theatre IV A/B	1.0		needed to complete			
					Distinguished Level of			
					Achievement			
		Total Credits Needed	4.0					

**Fine Arts Music Endorsements** includes courses from Levels I-IV in a variety of areas such as Instrumental Music (Band, Orchestra, Jazz Band, and Instrumental Ensembles); Choral Music (a variety of Choir courses and Vocal Ensembles); along with Music History and Music Theory including AP Music Theory).

Music Endorsement with English IV and four (courses/credits): See some course suggestions in the chart below. AP courses may be available at various campuses.							
Grade Levels	Course #s a variety qualify	Course Name	Course Credit	Does this sequence qualify for a Performance Acknowledgement?	Sequence qualifies for an endorsement for the Distinguished Level of Achievement (DLA)		
9th		Music I A/B	1.0	Yes, if the student	Meets the requirement of		
10th		Music II A/B	1.0	earns a	one Fine Arts Endorsement.		
11th		Music III or AP Music Theory	1.0	<b>3 or higher</b> on an AP	See all additional criteria needed to complete		
12th		Music IV or AP Music Theory	1.0	examination.	Distinguished Level of Achievement.		
		Total Credits Needed	4.0				

#### Humanities Endorsement Course Sequence Samples

Humanities Endorsement with English IV and four (courses/credits) College Board Advanced Placement Social
<b>Studies</b> by selecting courses from Chapter 113-Social Studies or Chapter 118-Economics. See some course
suggestions in the chart below. Social Studies AP courses may be available at various campuses.

Juggestions	in the en		arses ma		
Grade	Course	Names of qualifying AP	Course	Does this sequence	Sequence qualifies for an
Levels	#s	Courses	Credit	qualify for a	endorsement for the
				Performance	Distinguished Level of
				Acknowledgement?	Achievement (DLA)
9th	8003	*AP Human Geography A/B	1.0	Yes, if the student	Meets Humanities
10th	8037	*AP Modern World History	1.0	earns	Endorsement requirement. See
		A/B		<b>3 or higher</b> on an	all criteria needed to complete
11th	8215	*AP US History A/B	1.0	AP examinations.	Distinguished
12th	8135	*AP US Government T	0.5		Level of Achievement
	8098	*AP Macroeconomics T	0.5		
	8099	*AP Microeconomics T	0.5		
Elective	8219	+ European History A/B	1.0		
Elective	8078	+ Comp Government	0.5		
Elective	8127	+ Psychology	0.5		
		Total Credits Needed	5.0	<b>5</b> Social Studies Credits needed for Arts & Humanities	

\* Meets Foundation Diploma Graduation Social Studies Course Requirement † elective course

<u>Humanities Endorsement</u> with English IV and four (courses/credits) by selecting courses from AP/IB Social Studies or Economics. See Some course suggestions below in the chart						
Grade Levels	Course #s	Course Name	Course Credit	Does this sequence qualify for a Performance Acknowledgement?	Sequence qualifies for an endorsement for the Distinguished Level of Achievement (DLA)	
9th	8003	AP social studies course	1.0	Yes, if the student	Meets Humanities	
10th	8037	AP social studies course	1.0	earns scores of	Endorsement requirement. See	
11th	30132	HL History of the Americas I A/B	1.0	assessment.	all criteria needed to complete Distinguished Level of	
12th	031302	HL History of the Americas II A/B = US History, Government, and Economics requirements	1.0		Achievement	
		Total Credits Needed	5.0	5 Social Studies Credits	needed for Arts &Humanities	

#### Humanities Endorsement in World Languages Examples

<u>World I</u> Advan	World Languages Endorsement with English IV and four (courses/credits) which may include College Board Advanced Placement courses and/or dual credit courses. See some course suggestions in the chart below.								
Grade Levels	Course #s a variety qualify	<u>Course Names</u> : Chinese, French, German, Italian, Japanese, Latin, Spanish	Course Credit	Does this sequence qualify for a Performance Acknowledgement?	Sequence qualifies for an endorsement for the Distinguished Level of Achievement (DLA)				
*7-8 or 9th		Language Level I A/B	1.0	Yes, if the student earns <b>3 or higher</b> on an AP	Meets the requirement of one Humanities				
10th		Language Level II A/B	1.0	examination or	Endorsement. See all				
11th		Language Level III A/B	1.0	completes <b>3 or 4</b> <b>credits</b> of the same	criteria needed to complete Distinguished				
12th		AP Language & Culture	1.0	lanauaae	Level of Achievement				
		I-IV Levels/Needed	4.0	with a minimum GPA of the equivalent of 80 on					

\*Heritage Spanish speakers may earn Level III and/or AP credit

World La (courses/	World Languages Endorsement with English IV and four levels of American Sign Language (courses/credits)							
Grade Levels	Course #s	Courses Names:	Course Credit	Does this sequence qualify for a Performance Acknowledgement	Sequence qualifies for an endorsement for the Distinguished Level of Achievement (DLA)			
9th	4402, 4414 DC	American Sign Language I A/B or	1.0	Yes, if the student completes 3 or 4	Meets the requirement of one Humanities			
10th	4404, 4416 DC	American Sign Language II A/B or Dual Credit	1.0	credits in the same	Endorsement. See all criteria needed to			
11th	4408, 4418 DC	American Sign Language III A/B or Dual Credit	1.0	language with a minimum GPA of the equivalent of 80 on a scale of 100. Also see dual credit criteria	complete Distinguished			
12th	4412, 4420 DC	American Sign Language IV A/B or Dual Credit	1.0		Level of Achievement.			
		Total Credits Needed	4.0					

#### Multidisciplinary Studies Endorsement Samples

<u>Multidi</u>	f	Endorsement with English oundation subjects (courses below.	IV and inc s/credits).	luding <b>advanced cours</b> See some course sugge	e credits in the four estions in the chart
Grade Levels most likely	Course #s	Course Name	Course Credit	Does this sequence qualify for a Performance Acknowledgement?	Sequence qualifies for endorsement for the Distinguished Level of Achievement (DLA)
Grades	ELA	English IV or AP ELA	1.0	Yes, if the student earns	Meets the requirement of one Multidisciplinary
11 or 12	Math	Algebra II or AP Calculus	1.0	<b>3 or higher</b> on the AP examination.	Endorsement. See all criteria needed to
	Science	Chemistry or Physics or AP	1.0	Also see dual	complete Distinguished Level of
	Social Studies	AP US History or AP Government & AP Macroeconomics	1.0	credit criteria	Achievement
		Total Credits Needed	4.0		

#### Multidisciplinary Endorsement Course Sequence Samples with AP Courses

Multidisciplinary Endorsement with AP courses to include one credit in each of the four foundation subjects.						
Grade Levels varies	Course #s vary	Course Name	Course Credit	Does this sequence qualify for a Performance Acknowledgement?	Sequence qualifies for an endorsement for the Distinguished Level of Achievement (DLA)	
ELA	3062	AP Lang & Comp; or	1.0	Yes, if the student	Meets the requirement of	
	3064	AP Lit & Comp		earns <b>3 or higher</b> on	one Multidisciplinary Endorsement. See all	
Math	7145	AP Statistics; or	1.0	an AP examination.		
	7124	AP Calculus AB; or			criteria needed to	
	7126	AP Calculus BC; or			complete Distinguished	
	2142	AP Computer Science A			Level of Achievement	
Science	7590	AP Biology; or	1.0			
	7610	AP Chemistry; or				
	7625	AP Physics 1 or				
	7627	AP Physics 2; or				
	7628	AP Physics C: Mechanics				
	7618 7678	AP Physics C: Elect-Mag; or AP Environmental Science				
Social	8127	AP Psychology T	1.0			
Studies	8003	AP Human Geography; or	1.0			
0100.00	8037	AP Modern World History; or				
	8215	AP US History; or				
	8219	AP European History; or				
	8135	AP US Gov & Politics T: or				
-	8078	AP Com Gov & Politics T; or				
	8098	AP Macroeconomics T; or				
	8099	AP Microeconomics T				
		Total Credits Needed	4.0			

#### Performance Acknowledgements

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Transcripts and diplomas will include Foundation Program Performance Acknowledgements.

Students can earn performance acknowledgements for dual credit, bilingualism and biliteracy, AP or IB exams, PSAT, ACT-Plan, SAT or ACT testing, or certifications and licensures.

DUAL CREDIT	Successful completion of:				
	1. At least 12 hours of college academic courses, including those taken for dual				
	credit as part of the Texas core curriculum, and advanced technical courses,				
	including locally articulated courses, with a grade of the equivalent of 3.0 or				
	higher on a scale of 4.0; or				
	2. An associate degree while in high school				
BILINGUALISM	Demonstrate proficiency in accordance with District grading policy in two or more				
AND	languages by:				
BILTERACY	1. Completing all English language requirements and maintaining a minimum				
DIETERVICET	grade point average (GPA) of the equivalent of 80 on a scale of 100; and				
	2. Satisfying one of the following:				
	a. Completion of a minimum of three credits in the same language in a				
	language other than English with a minimum GPA of the equivalent of				
	80 on a scale of 100; or				
	b. Demonstrate proficiency in the Texas Essential Knowledge and Skills				
	for Level IV or higher in a language other than English with a minimum				
	GPA of the equivalent of 80 on a scale of 100; or				
	c. Completion of at least three credits in foundation subject area courses				
	in a language other than English with a minimum GPA of 80 on a scale				
	of 100; or				
	d. Demonstrate proficiency in one or more languages other than English				
	through one of the following methods:				
	i. Score of 3 or higher on a College Board AP exam for a				
	language other than English; or				
	ii. Score a 4 or higher on an IB exam for a higher-level language				
	other than English course; or				
	iii. Performance on a national assessment of language proficiency				
	in a language other than English of at least Intermediate High				
	or its equivalent				
	In addition to meeting the requirements to earn a performance acknowledgement in				
bilingualism and biliteracy, an English language learner must also have:					
	1. Participated in and met the exit criteria for a bilingual or English as a second				
	language (ESL) program; and				
	2. Scored at the Advanced High level on the Texas English Language Proficiency				
	Assessment System (TELPAS).				
AP TEST	Earn a:				
	1. Score of 3 or above on a College Board advanced placement examination.				

PSAT	1. Score on the Preliminary SAT/National Merit Scholarship Qualifying Test		
ACT-ASPIRE	(PSAT/NMSQT <sup>®</sup> ) that qualifies the student for recognition as a commended		
SAT	scholar or higher by the College Board or as an awardee of the National		
ACT	Recognition Programs of the College Board.		
	2. Earn a composite score of 442 on the ACT Aspire® examination.		
	3. Earn a composite score of 29 on the ACT PreAct <sup>®</sup> examination.		
	4. Earn a total score of at least 1350 on the SAT®; or		
	5. Earn a composite score on the ACT® examination of 29 (excluding the writing		
	subscore)		
CERTIFICATION	Earn a nationally or internationally recognized business or industry certification or		
OR LICENSE	license with:		
	1. Performance on an examination or series of examinations sufficient to obtain a		
	nationally or internationally recognized business or industry certification; or		
	<ol> <li>Performance on an examination sufficient to obtain a government-required credential to practice a profession.</li> </ol>		

#### **Distinguished Level of Achievement**

A student may earn a distinguished level of achievement by successfully completing:

- A total of four credits in mathematics, which must include Algebra II
- A total of four credits in science
- The remaining curriculum requirements
- The curriculum requirements for at least one endorsement

A student must earn a distinguished level of achievement to be eligible for top 10% automatic admission

#### **Notations on Foundation Student Transcript**

The Foundation High School transcript for a student who satisfies the applicable requirements will include the following types of achievement:

- Distinguished Level of Achievement
- Endorsements, and
- Performance Acknowledgements

#### Foundation Graduation Program Frequently Asked Questions from TEA

#### General

#### 1. What does the term "required course" mean?

The term "required course" includes any course for which a student must earn credit to satisfy graduation requirements. Required courses include specific courses listed in the graduation requirements, electives, courses required for the Foundation High School Program under §74.12, and courses required for endorsements under §74.13.

#### 2. May a course satisfy both a foundation and an endorsement requirement?

Yes. A course completed as part of the set of four courses needed to satisfy an endorsement requirement may also satisfy a requirement under the Foundation High School Program, including an elective requirement.

#### 3. Can AP/IB and dual credit courses satisfy elective credit requirements?

Yes. A student may earn state elective credit for any course that is included in or aligns with the TEKS for a course identified in TAC, Chapters 110-118, 126-128, and 130 and for which a student has not already earned credit toward a specific course requirement.

#### 4. May a district require 26 credits for graduation for all students?

Yes. School districts have the authority to establish requirements in addition to what the state requires of students for graduation. This is a local decision.

### 5. If a specific course can be taught for more than one credit, how will the credit be applied to the new graduation requirements?

If a student earns more than one credit for a specific course, the credit may be applied to an applicable graduation requirement and any additional credit may be applied to an elective and/or endorsement requirement. For example, if a student earns one and one-half credits for successful completion of AP Chemistry, the first credit could satisfy an advanced science requirement and the additional half credit could satisfy an elective requirement.

### 6. Can a school district that requires additional credits for graduation substitute those additional required credits for Foundation High School Program requirements?

A district has the authority to require credits in addition to those credits required by the state, but they cannot substitute courses/credits for those required by the state. 1 March 13, 2014

### 7. If a school district requires a specific course beyond what the state requires, does that increase the total number of credits a student needs to graduate?

A district has the authority to require credits in addition to those credits required by the state and can choose to increase the total number of credits students are required to earn in order to graduate. Since a district ultimately decides what courses a student enrolls in, a district also has the authority to require all students to earn credit for a specific course to satisfy an elective requirement. If a district requires a specific course to satisfy an elective requirement, the total number of credits needed to graduate would not be increased.

#### 8. Are there course sequence requirements under the new graduation program?

There are not specific course sequence requirements in the new graduation program. However, districts should pay close attention to prerequisite requirements.

#### 9. How do prerequisites factor into the new graduation requirements?

Prerequisites are identified in the Texas Essential Knowledge and Skills for each course. Prerequisites are requirements unless they are specifically listed as recommended prerequisites.

### 10. Will the agency provide official forms to document students who choose to graduate foundation only without an endorsement?

Yes. Forms will be available on the TEA website.

#### English

#### 1. Do districts have the discretion to require English IV as the advanced English course for all students?

Since a district ultimately decides what courses a student enrolls in, a district also has the authority to require all students to earn credit for a specific course to satisfy the advanced English requirement.

#### 2. Can a district limit the options available to students to satisfy the advanced English requirement?

Districts do not have to offer every course option, but if the district does offer a course the SBOE has approved to satisfy an advanced English credit, students may not be denied the credit to satisfy that requirement.

### 3. Is there a required sequence of courses for English? For example, could a student take Technical Writing then take English III?

Please note, that the State Board ruled in April 2016 that English I, II, and III must be completed prior to awarding credit for English IV. There is nothing in rule or law that delineates a specific sequence; however, districts should pay close attention to the prerequisites for each of these courses.

#### Speech

#### 1. Do districts have the discretion to require a speech course for all students?

Yes. Each school district is responsible for ensuring that students demonstrate proficiency in the speech skills required by §74.11(a)(3). This can be accomplished by requiring a speech course or by other means. This is a local decision.

### 2. How are school districts supposed to document a student's demonstrated proficiency of the required speech skills?

Documentation of a student's demonstrated proficiency must be included on the Academic Achievement Record (AAR). Additional guidance will be provided in the revised Minimum Standards for the AAR.

#### 3. Can a district use Professional Communications to satisfy the new speech skills requirement?

Yes, school districts have the authority to use Professional Communications to meet the speech requirement. This is a local district decision.

#### Mathematics

### 1. Is there still a required sequence for math? For example, does a student have to take Algebra I before taking Math Models with Applications?

No. However, districts should pay close attention to prerequisite requirements when scheduling students in math courses. Please note that prerequisites for some of the high school mathematics courses will change when the revised math TEKS are implemented in the 2015-2016 school year.

#### 2. Is Algebra II a prerequisite for any other advanced math courses?

Algebra II is a prerequisite for some, but not all advanced math courses. Districts should pay close attention to the courses that may satisfy an advanced mathematics course under the foundation program and the courses that may satisfy an advanced mathematics course required for a student to earn an endorsement. Additionally, districts should pay close attention to prerequisite requirements for each advanced mathematics course.

#### 3. May Math Models with Applications be offered first in the sequence of math courses offered by a district?

There is nothing in rule or law that specifically allows or prevents this for the 2014-2015 school year. However, Algebra I will be a prerequisite for Math Models with Applications when the revised TEKS are implemented in the 2015-2016 school year.

### 4. May Math Models with Applications be offered concurrently with Algebra I or geometry in the sequence of math courses offered?

There is nothing in rule or law that specifically allows or prevents this for the 2014-2015 school year. However, Algebra I will be a prerequisite for Math Models with Applications when the revised TEKS are implemented in the 2015-2016 school year. Beginning in 2015-2016, geometry and Math Models with Applications can be taken concurrently, provided the student has successfully completed Algebra I.

#### 5. Is Math Models with Applications being phased out?

No. The administrative rules allow students to use credit earned in Math Models with Applications as an option for the mathematics credit required to earn an endorsement for the 2014-2015 school year only. This course will continue to be an option for students to earn the advanced credit required under the foundation program.

#### Science

#### 1. Does the second science credit have to be taken before the third science credit?

No. The use of the terms "second" and "third" in the rule is not intended to imply a sequence. However, districts should pay close attention to prerequisite requirements when scheduling students in science courses.

#### 2. Can a student take IPC after chemistry and/or physics?

There is nothing in rule or law that specifically allows or prevents a specific course sequence. However, districts should pay close attention to prerequisite requirements for each of these courses.

#### 3. How can AP Physics 1 and 2 be used?

AP Physics 1 may count as a second science credit option or a third science credit option. AP Physics 2 may count as a third science credit option only.

### 4. Is there anything that prevents a district from offering a course other than biology to ninth grade students?

The administrative rules do not prescribe a sequence. Districts should pay close attention to prerequisite requirements when scheduling students in science courses.

#### 5. What is considered an advanced science course?

The State Board of Education has identified a list of science courses that may satisfy each of the advanced science courses required for graduation.

#### Social Studies

#### 1. Do districts have the discretion to require both World Geography and World History for all students?

Yes. School districts have the authority to establish requirements in addition to what the state requires of students for graduation. This is a local decision.

### 2. Can districts place students in a semester of World Geography and a semester of World History to satisfy the combined World History/World Geography requirement?

No. The SBOE must adopt Texas Essential Knowledge and Skills for a combined World History/World Geography course before this will be an option available to students.

#### Health and Physical Education

#### 1. Do districts have the discretion to require a health course for all students?

Yes. School districts have the authority to establish requirements in addition to what the state requires of students for graduation. This is a local decision.

### 2. Can any TEKS-based course that includes 100 minutes of moderate to vigorous physical activity satisfy the PE requirement?

Yes. In accordance with local district policy, the required PE credit may be earned through completion of any TEKSbased course that meets the requirement for 100 minutes of moderate to vigorous physical activity per five-day school week. Please note that such a course cannot be used to satisfy another specific graduation requirement.

### 3. Can a school district add a requirement of moderate to vigorous physical activity to any TEKS-based course and award PE credit for that course?

Yes. A school district may add a requirement for 100 minutes of moderate to vigorous physical activity per five-day school week and award PE credit for that course. Please note that such a course cannot be used to satisfy another specific graduation requirement.

#### Languages Other Than English (LOTE)

#### 1. What courses satisfy the computer programming languages option for the LOTE graduation requirements?

Computer Science I, II, and III may satisfy this requirement until September 1, 2016. The SBOE is expected to revisit these options at a future date. *Please note that the SBOE at its April 2016 meeting did remove the September 1, 2016 expiration date from this option* 

#### 2. Can CTE computer programming courses satisfy the LOTE requirement?

No. At this time only Computer Science I, II, and III may satisfy this requirement. The SBOE is expected to revisit these options at a future date.

#### **Fine Arts**

#### 1. What is a community-based fine arts program?

A community-based fine arts program is a fine arts program that provides instruction in all of the TEKS for a high school fine arts course and that is offered outside of the school day and often off-campus. Examples of community-based fine arts programs include community theatre or dance programs offered at a local dance studio.

#### **Technology Applications**

### 1. May a district continue to require a course such as technology applications for high school graduation that the state no longer requires?

Yes. School districts have the authority to require beyond what the state requires of students for graduation. This is a local decision. If a district requires a TEKS-based course, such as a technology applications course, that is not required by the state, the course could count toward the state elective requirements.

#### 2. What will happen with the computer science courses if they are scheduled to "go away" in 2016?

The computer science courses are not going away. They will continue to be course options for students. These courses are options for satisfying the languages other than English graduation requirement until September 1, 2016. *Please note that at its April 2016 meeting, the SBOE removed the September 1, 2016 expiration date.* 

#### **Endorsement Frequently Asked Questions from TEA**

#### General

#### 1. Does every student have to graduate with an endorsement?

No. A student may opt to graduate Foundation High School Program only without an endorsement if, after the student's sophomore year the student and the student's parent or guardian are advised by a school counselor of the specific benefits of graduating from high school with one or more endorsements and the student's parent or guardian files with a school counselor written permission, on a form adopted by the Texas Education Agency (TEA), allowing the student to graduate under the Foundation High School Program without earning an endorsement.

#### 2. Can a student earn more than one endorsement?

Yes. A district must allow a student to enroll in courses under more than one endorsement before the student's junior year.

#### 3. Can a student change endorsements? When?

Yes. While a district is not required to offer all endorsements, a district must allow a student to choose, at any time, to earn an endorsement other than the endorsement the student previously indicated from among the available endorsements.

### 4. I'm concerned that my small district cannot offer endorsements. What endorsements should a district be able to offer?

Without altering the courses that a school district is currently required by SBOE rule to offer, a district should be able to offer at least three of the five endorsements. Multidisciplinary (all districts are required to offer at least four courses in each foundation subject area, to include English IV, Chemistry, and/or Physics) Business and Industry (TAC, §74.3(b)(2)(G) requires a district to offer a coherent sequence of courses from at least three CTE career clusters) STEM (TAC, §74.3(b)(2)(C) requires a district to offer at least six science courses)

### 5. Will all high schools be required to offer multiple endorsements, even those that focus 100% on STEM/engineering?

No. Statute requires each school district to make available to high school students courses that allow a student to complete the curriculum requirements for at least one endorsement. A school district that offers only one endorsement curriculum must offer the multidisciplinary studies endorsement curriculum.

# 6. The new graduation rules include the following statement, "This section does not entitle a student to remain enrolled to earn more than 26 credits." Does this mean that a student cannot earn more than 26 credits?

No. This statement means that a student is not entitled to continue earning credits to earn endorsements indefinitely. A district may permit a student to earn more than 26 credits, but has the authority to deny a student's request to continue earning credits beyond the 26 if the district determines that the student has sufficient credits to graduate with an endorsement.

#### 7. May a course satisfy both a foundation and an endorsement requirement?

Yes. A course completed as part of the set of four courses needed to satisfy an endorsement requirement may also satisfy a requirement under the Foundation High School Program, including an elective requirement. A student must still earn a total of 26 credits to graduate on the Foundation High School Program with an endorsement.

#### 8. Do districts have the authority to require Algebra II or other specific courses for all endorsements?

Yes. School districts have the authority to establish requirements in addition to what the state requires of students for graduation. This is a local decision.

#### 9. Who decides what constitutes a coherent sequence of courses?

Each local school district has the authority to determine a coherent sequence of courses and identify courses within that sequence as advanced courses for the purposes of satisfying an endorsement requirement, provided that prerequisites are followed.

### 10. In some endorsement options there doesn't seem to be a clear sequence. Will the district determine the sequence in these cases?

Yes. A school district determines the specific set of courses each student must complete to earn an endorsement, provided that prerequisites are followed and that the set of courses meets the requirements of the options listed for an endorsement in SBOE rule.

## 11. Should planning be approached by picking an endorsement and then planning the courses necessary to obtain that particular endorsement, or should it be approached by first picking courses and then discovering which endorsement area the sequence fits (at a later time)?

This is a local decision.

### 12. Are students required to meet each of the options listed under an endorsement area, or they required to only meet one of the options?

To earn an endorsement a student must complete any specific course requirements and one set of requirements identified in the endorsement rules. For example, to earn a business and industry endorsement, a student must complete the course requirements for CTE or the course requirements for English language arts electives, but not both.

### 13. Under the endorsements for which CTE courses are an option, is there a list of "advanced CTE courses that are the third or higher course in a sequence"?

Advanced CTE courses are those designated as a Level 3 or 4 course in each TEA Program of Study. The Fort Worth ISD has generally scheduled those courses at the 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade levels.

### 14. Can Career Preparation be used as the final course in a sequence for an endorsement for which there are CTE course options?

In some instances, yes. TEA has designated Career Preparation I as a possible final course for some Programs of Study but not all.

### 15. If a student takes two CTE courses in his/her final semester, each from a different endorsement area, which endorsement would the student earn?

If a student takes two CTE courses that align with two different endorsement areas, the local school district must determine which course is part of the coherent sequence of courses for that student. The student will still need to complete all requirements for an endorsement. This is a local decision.

#### STEM

#### 1. Can AP Physics I satisfy the physics requirement for the STEM endorsement?

Yes. College Board Advanced Placement and International Baccalaureate courses may be substituted as appropriate for required courses.

#### 2. Can Principles of Technology satisfy the physics requirement in the STEM endorsement?

Yes. Principles of Technology addresses all of the TEKS for physics and credit may not be earned for both physics and Principles of Technology to satisfy science credit requirements.

### 3. The fifth option under the STEM endorsement says "a coherent sequence of three additional credits." What does this mean?

Students may earn a STEM endorsement by successfully completing Algebra II and three additional credits from no

more than two of the following categories: the STEM CTE career cluster, computer science courses that may satisfy a STEM endorsement, mathematics courses beyond Algebra II, or science courses. The three additional credits must be a coherent sequence of courses as determined by the local district.

#### 4. Which science courses may satisfy the science option under the STEM endorsement?

The list of science courses that may satisfy a STEM endorsement are identified in TAC §74.13(e)(5).

### 5. Why is there a discrepancy between the number of courses required to earn a math STEM endorsement and the number of courses required to earn a science STEM endorsement?

There is not a discrepancy in the number of courses. To earn a STEM endorsement in mathematics, a student must successfully complete a total of five courses: Algebra I, Geometry, Algebra II, and two additional math courses for which Algebra II is a prerequisite. To earn a STEM endorsement in science, a student must successfully complete a total of five courses: biology, chemistry, physics, and two additional science courses.

#### **Business and Industry**

# If a student on a business and industry endorsement program chooses a computer programming language to meet the foundation program Languages Other Than English (LOTE) requirement, will these courses satisfy both the LOTE requirement and the endorsement requirement under the Information Technology career cluster?

The only courses that are currently approved to satisfy the LOTE requirement are Computer Science I, II, III, AP Computer Science Principles, and AP Computer Science A. These courses may satisfy the LOTE requirement and may count toward a STEM endorsement, but not a business and industry endorsement.

A student must still earn a total of 26 credits to graduate on the Foundation High School Program with an endorsement.

#### **Public Services**

#### May a student seeking a public services endorsement who is taking a sequence of courses in the Human Services career cluster use a course from another career cluster as part of the coherent sequence of courses?

Yes. A coherent sequence of courses may include courses from any CTE career cluster provided that the final course in the sequence is obtained from one of the CTE career clusters identified under the public services endorsement. Districts must determine locally that courses from different career clusters create a coherent sequence of courses.

#### Arts and Humanities

### 1. Is it permissible to substitute an additional arts and humanities course for the fourth science requirement if the student is pursuing an arts and humanities endorsement?

A student pursuing an arts and humanities endorsement who has the written permission of the student's parent may substitute an English language arts course, a social studies course, a LOTE course, or a fine arts course for the additional science credit required to earn an endorsement.

### 2. Under the arts and humanities endorsement, if a student has taken English IV, can it count as part of the four English elective credits?

Yes. A course completed as part of the set of four courses needed to satisfy an endorsement requirement may also satisfy a requirement under the Foundation High School Program, including an elective requirement. A student must still earn a total of 26 credits to graduate Foundation High School Program with an endorsement.

#### 3. How many social studies courses are required for a student to earn an arts and humanities endorsement?

The social studies option under arts and humanities requires that a student complete five credits in social studies.

#### **Multidisciplinary Studies**

# Under the multidisciplinary studies endorsement, what courses will satisfy the requirement for "four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation"?

Each local school district has the authority to identify advanced courses for the purposes of satisfying an endorsement requirement, provided that they meet the definition above.

#### Individual Graduation Committee Frequently Asked Questions General

#### 1. Are all students eligible to receive an Individual Graduation Committee review?

Only students who are classified in grade 11 or 12 or who have taken and have failed to achieve the end-of-course (EOC) assessment performance requirements for graduation for not more than two courses are eligible for individual graduation committee (IGC) review.

#### **Student Eligibility**

#### 2. Can students who did not qualify for an individual graduation committee review because they had failed more than two of the required assessments become eligible for an individual graduation committee review by passing one or more of the required assessments?

Yes. If a student who had failed more than two of the required EOC assessments subsequently meets additional assessment requirements either through retesting or by using a substitute assessment, they may become eligible for an individual graduation committee review.

### 3. Are students who are required to meet TAKS requirements instead of STAAR EOC requirements eligible to receive a diploma based on individual graduation committee review?

No. Eligibility under TEC, §28.0258(a) is specific to students who have taken and have failed to achieve the EOC assessment performance requirements for graduation for not more than two courses. There is no reference to other exit-level assessments in the statute.

Former students who are required to meet TAKS requirements may be able to receive a diploma based on a district decision in accordance with TEC, §28.02541 and 19 TAC, §74.1027 a <u>separate FAQ</u> addresses questions about this process.

### 4. Are students who are classified as three-year early graduates eligible to receive an individual graduation committee review?

A student may not qualify to graduate based on an IGC determination before the student's 12<sup>th</sup> grade year. In order for a student to be eligible to graduate based on an IGC determination, the student must have satisfactorily completed credit requirements for graduation specified in Chapter 74, must be classified as a 12<sup>th</sup> grade student, and must have taken all required EOC assessments.

### 5. Is a transfer student who was exempt from some but not all EOCs eligible to receive a diploma based on Individual Graduation Committee review?

An 11th or 12th grade transfer student is eligible to graduate based on an IGC determination if, of the assessments the student has taken, the student has failed to achieve the EOC assessment performance requirements for graduation for not more than two courses [TEC, §28.0258(a)].

#### 6.If a student fails three EOC assessments including Algebra I, but receives a score of proficient on the Texas Success Initiative (TSI) assessment for math, is the student eligible to receive an Individual Graduation Committee review?

Yes. A student who has taken and failed to achieve the EOC assessment performance requirement for Algebra I after two attempts, but who receives a score of proficient on the TSI assessment for math is considered to have satisfied the Algebra I EOC requirement [TEC, §39.025(a-3); 19 Tex. Admin. Code § 101.3022(f)].

#### **Special Populations**

### 7. Are students who receive special education services eligible to receive an Individual Graduation Committee review?

When a student receives special education services, the student's Admission, Review, and Dismissal (ARD) committee determines whether the student is required to achieve satisfactory performance on the EOC assessments. If the ARD committee determines that a student is not required to achieve satisfactory performance on the EOC assessments, the student is considered to be in compliance with assessment requirements under TEC §39.025 and an IGC review would not be necessary.

# 8. For an eligible emergent bilingual (EB) student who does not meet the standard on the English I EOC and who is not required to retest based on the Special Provision for English I EOC, does the failing score on English I count as one of the two EOC assessments that a student can fail and still be considered by the Individual Graduation Committee for graduation?

Yes. An EB student who failed the English I EOC, but meets eligibility for the English I Special Provision and therefore is not required to pass English I, is eligible for IGC review if the student attempts all other required EOCs and fails to pass one additional test. The EB student would also qualify for an IGC if the student passed the English I EOC assessment but failed to pass two other EOC assessments.

### 9. If an EB student was eligible for the English I Special Provision and has passed the other required EOC assessments, does the EB student now have to receive an IGC review in order to graduate?

No, the qualifying EB student would not need an IGC review in order to graduate. An EB student who qualifies for the Special Provision only becomes eligible for IGC review by failing to pass the English I EOC assessment and one other EOC assessment.

# 10. If an EB student was eligible for the English I Special Provision and has passed all but one other test (for example English II) must the student complete remediation and a project or portfolio for both English I and the second assessment the student failed?

Yes. If a qualifying EL does graduate by means of an IGC, the student is required to complete IGC requirements for each course in which the student did not pass the EOC assessment.

#### **IGC Process**

#### 11. What process should a district or charter school follow to implement Individual Graduation Committees?

[TEC, §28.0258(c)]. Requires the superintendent of each school district or leader of each charter school to establish procedures for the convening of an IGC. The TEA IGC Guidance document includes recommendations for districts and charter schools to consider for the IGC process, including guidance regarding documentation of the process and IGC decision.

#### 12. Who must be on an Individual Graduation Committee?

The IGC must be composed of: • the principal or his/her designee; • the teacher of the course for which the student did not pass the EOC assessment; if this teacher is not available, the principal may designate a teacher certified in the subject area who is most familiar with the student's performance in the subject area; • the department chair or lead teacher supervising the teacher of the course; if this individual is unavailable, the principal may designate an

experienced teacher certified in the subject who is familiar with the content of and instructional practices for the applicable course; • as applicable, the student's parent or guardian; a designated advocate; or the student, at the student's option, if the student is at least 18 years old or is an emancipated minor [TEC, §28.0258(b)]

### 13. What are the requirements that the Individual Graduation Committee must recommend in order for a student to qualify for graduation?

A student's IGC is required to recommend additional requirements by which the student may qualify to graduate including additional remediation and, for each EOC assessment on which the student failed to perform satisfactorily:

• the completion of a project related to the subject area of the course that demonstrates proficiency **or** • the preparation of a portfolio of work samples in the subject area of the course, including work samples from the course that demonstrate proficiency. (Work samples may include previously completed coursework) [TEC, §28.0258(f)]. 3

#### 14. How does an Individual Graduation Committee determine that a student is qualified to graduate?

A student is qualified to graduate on the basis of an IGC decision only if the student: • successfully completes the credit requirements for the foundation high school program identified by the State Board of Education • the student successfully completes all additional requirements recommended by the IGC, and • the committee's vote is unanimous [TEC,§28.0258(i)].

In determining whether a student is gualified to graduate the IGC must consider: • the recommendation of the student's teacher in each course for which the student failed to perform satisfactorily on an EOC assessment; • the student's grade in each course for which the student failed to perform satisfactorily on an EOC assessment; • the student's score on each EOC assessment on which the student failed to perform satisfactorily; • the student's performance on any additional requirements recommended by the committee; • the number of hours of remediation that the student has attended, including attendance in a college preparatory course, if applicable, or attendance in and successful completion of a transitional college course in reading or mathematics • the student's school attendance rate; • the student's satisfaction of any of the Texas Success Initiative (TSI) college readiness benchmarks prescribed by the Texas Higher Education Coordinating Board; • the student's successful completion of a dual credit course in English, mathematics, science, or social studies; • the student's successful completion of a high school pre- Advanced Placement (AP), AP, or International Baccalaureate program course in English, mathematics, science, or social studies; • if applicable, the student's rating of advanced high on the most recent high school administration of the Texas English Language Proficiency Assessment System (TELPAS); • if applicable, the student's score of 50 or greater on a College-Level Examination Program (CLEP) examination; • if applicable, the student's score on the ACT, SAT, or Armed Services Vocational Aptitude Battery (ASVAB) test; • if applicable, the student's completion of a sequence of courses under a career and technical education program required to attain an industry-recognized credential or certificate; • the student's overall preparedness for postsecondary success; and • any other academic information designated for consideration by the board of trustees of the school district or charter [TEC, §28.0258(h)].

### 15. If the Individual Graduation Committee determines that a student is qualified to graduate, will the student be eligible to graduate with an endorsement?

Yes. If a student completes all of the credit requirements for an endorsement outlined in 19 TAC, §74.13, the student is eligible to graduate with an endorsement. To earn an endorsement a student must demonstrate proficiency in the credit requirements for the foundation high school program, a fourth credit in mathematics, a fourth credit in science, and two additional elective credits for a total of 26 credits. As part of the 26 credits, a student must complete a coherent sequence of courses for the endorsement [19 TAC, §74.13].

### 16. If the Individual Graduation Committee determines that a student is qualified to graduate, will the student be eligible to graduate with the distinguished level of achievement?

Yes. If a student completes all of the requirements for distinguished level of achievement outlined in 19 TAC, §74.11(f), the student is eligible to graduate with the distinguished level of achievement. To earn the distinguished level of achievement, a student must demonstrate proficiency in the credit requirements for the foundation high school

program, earn at least one endorsement, and successfully complete Algebra II as one of the four mathematics credit requirements [TAC, §74.11(e)].

# 17. If an Individual Graduation Committee determines that a student is qualified to graduate, will the student graduate under their original graduation program, or does the decision default a student to a lower or different graduation program?

The coursework that a student completes determines the graduation program that the student graduates under. Graduation based on an IGC determination does not change the graduation program for the student.

### 18. If the Individual Graduation Committee determines that a student is qualified to graduate, will the student be eligible to graduate with performance acknowledgements?

Yes. If a student completes all of the requirements for a performance acknowledgment outlined in 19 TAC §74.14, the student is eligible to graduate with the performance acknowledgment.

#### 19. Are there any timelines associated with an Individual Graduation Committee review?

Yes, there are three key timelines that guide an individual graduation committee review.

- The law establishes that a district or open-enrollment charter school must establish an individual graduation committee for each eligible student at the end of or after the student's 11<sup>th</sup> grade year to determine whether the student may qualify to by IGC decision
- Administrative rules specify that a district or charter school may <u>not</u> establish an initial individual graduation committee for eligible students after June 10 or before the start of the next school year.
- In order for a student to be included as a graduate in the school district's or charter school's graduation data in the school year in which the student meets the requirements, an individual graduation committee must make a decision to award a diploma no later than August 31 immediately following that school year. Please note that a student who graduates as a result of an individual graduation committee decision after August 31 shall be reported in the subsequent year's graduation data.

#### **Charter Schools**

#### 20. Are charter schools required to establish individual graduation committees?

Yes. An open-enrollment charter school is subject to the requirement to establish an individual graduation committee.

#### 21. Do the reporting requirements identified in new TEC, §28.0259 apply to charter schools?

Yes. TEC, §28.0259 requires reporting through PEIMS and TEC, §12.104(b)(2)(A) requires charters to comply with PEIMS requirements.

#### Documentation

### 22. What paperwork are districts required to keep regarding the individual graduation committee's decision?

The district or open-enrollment charter school must maintain all student-level documentation related to the IGC review, notifications, decision process, and final outcomes.

### 23. How should EOC performance be documented on the AAR if a student failed an EOC but has been permitted to graduate based on IGC review and decision?

For each instance in which the student has failed to achieve the EOC assessment performance requirements, the AAR should reflect "Did Not Meet Grade Level" performance.

### 24. Should any additional information be included on the AAR to indicate that the student graduated based on IGC review and decision?

No. However, the district or open-enrollment charter school must maintain separate documentation of the IGC review and decision.

#### **Miscellaneous Questions**

25. Are there any implications if a campus has too many students graduating via an IGC?

House Bill 1603 passed by the Texas Legislature in 2021 permits the commissioner of education to conduct a special investigation of any campus that graduates more than 10% of its class via an individual graduation committee.

26. If an individual graduation committee allows a student to graduate and the student is still enrolled in school when the STAAR end-of-course test is administered, does the district have to administer the STAAR EOC to the student?

Districts must offer an end-of-course assessment to any student who has not passed the assessment regardless of the individual graduation committee's decision.

27. Once former students have met the requirements of the IGC, should the campus enroll the student to allow the student to graduate?

Yes. Former students should be enrolled and coded as "enrolled, not in membership" for the purpose of awarding a high school diploma.

28. A student has passed two of the required five endo-of-course assessments. May a district or charter school begin the IGC process prior to the student passing his third test?

No. The IGC process is available only for those students who have failed no more than two end-of-course tests. Additionally, a student who does not make an attempt to take all required EOC assessments or an approved substitute assessment may not qualify to graduate by means of an individual graduation committee.

#### **HB 5: Other Frequently Asked Questions**

#### **College Preparatory Courses**

#### 1. Are high schools required to offer a college prep course?

Under Section 28.014 of the Texas Education Code, each school district is required to partner with at least one institution of higher education to develop and provide college preparatory courses in English language arts and mathematics. However, each high school within the school district is not required to offer these courses.

#### 2. Are certain students required to enroll in college prep courses?

No. School districts are required to provide notice to each student who meets eligibility criteria for a college preparatory course and the student's parent or guardian regarding the benefits of enrolling in the course. However, students are not required to enroll in college preparatory courses that are required in statute.

### 3. Is a student required to take the Texas Success Initiative (TSI) to determine college readiness and placement in a college prep course?

No. A district may use performance on coursework, a college entrance examination, or the TSI to determine that the student is not ready to perform entry-level college coursework.

### 4. If a district chooses to use TSI to determine college readiness and placement in a college prep course, must a district pay for the TSI for students?

The course required under TEC, §28.014 must be available free of charge to students. Students may qualify for the course based on performance on coursework, a college entrance examination, or the TSI. If the district chooses to use only the TSI to enroll students, it cannot require payment for access to the course.

#### 5. Is a student required to take the TSI to determine successful completion of a college prep course?

State law does not explicitly require or prohibit the use of testing to determine successful completion of a college prep course described in TEC, §28.014. Whether a particular test is required, whether it is required only for the purpose of awarding dual credit, or whether there is no test at all is part of the flexibility HB5 provided to each school district in working with an institution of higher education.

### 6. If a district chooses to use TSI to determine successful completion of a college prep course, must a district pay for the TSI for students?

Yes. If the district chooses to use only the TSI to determine successful completion of the course, it cannot require payment for the TSI. If other standards involving grades or other exams are used, and TSI is not required for completion of the course, the district is not required to administer or pay for the TSI.

### 7. What end-of-course assessment instrument would indicate that a student does not meet college readiness standards for purposes of Texas Education Code, §28.014?

There is no longer a state assessment that would meet this purpose. The local development process may decide to use an assessment as part of the course, but is not required to do so.

#### 8. Can high schools offer college prep course to students who are not in the 12th grade?

There is not a specific requirement that a student must be in 12th grade to take a college preparatory course. However, a student may not earn credit for the college preparatory math course until after the student has completed the three mathematics credit requirements for the Foundation High School Program.

### 9. Can a student who remains on the current Recommended High School Program (RHSP) or the Distinguished Achievement Program (DAP) earn credit for a college preparatory course?

No. Administrative rules do not allow for these courses to satisfy credit requirements for students on the RHSP or DAP. However, a student on the Foundation High School Program who successfully completes a college preparatory course may use the credit earned to satisfy an advanced mathematics credit or an advanced English credit.

### 10. What is the relationship between the college preparatory courses referenced in Texas Education Code, §28.014 and §39.025(b-2)?

Texas Education Code, subsection 39.025(b-2) does not apply to a course developed under section 28.014. While both statutes use the term "college preparatory course," they are different enactments and represent different local program options. There is currently no assessment available for a course under TEC, §39.025(b-2).

# 11. If a student takes one of the college prep courses to attain college readiness, can the student take the new TSI and, if the student passes the TSI, will it satisfy the STAAR end-of-course assessment requirements as well as the TSI requirement?

No. Neither of the college preparatory courses identified in statute satisfy the state assessment requirements for high school graduation.

### 12. Can one college prep course in English satisfy both the requirements in Texas Education Code, §28.014, and in Texas Education Code, §39.025(b-2)?

The courses described in TEC, §28.014, and TEC, §39.025(b-2), are different. There is currently no assessment available for a course under TEC, §39.025(b-2). It is anticipated that the STAAR English III and Algebra II assessments, when administered again beginning in spring 2016, will be able to serve the purpose of an assessment related to TEC, §39.025(b-2). At this time, however, there is not a way for a district to implement the 39.025(b-2) requirement without an available assessment.

#### 13. Must the college preparatory English course be a full-credit course?

No. In accordance with TAC, §74.12(b)(1), the college preparatory English course may be a half-credit course that, when paired with another half-credit from the list of allowable advanced English courses, may satisfy the advanced English requirement for graduation.

#### 14. Must the college preparatory mathematics course be a full-credit course?

Yes. In accordance with TAC, §74.13(e)(4), the college preparatory mathematics course must be a full credit course. However, in accordance with TAC, §74.26, in accordance with local district policy, students who are able to successfully complete only one semester of a two-semester course can be awarded credit proportionately. Consequently, a student may be awarded a half credit for successful completion of half of the college preparatory mathematics course. This half credit, when paired with another half credit from the list of allowable advanced mathematics courses, may satisfy the advanced mathematics requirement for students pursuing an endorsement.

#### **College Admission**

### 1. If a student is on the Foundation High School Program only and does not earn an endorsement, does the student have to attend a community college before attending a four-year college?

State law does not prohibit a student who graduates on the Foundation High School Program without an endorsement from attending a four-year college or university. However, a student graduating under the Foundation High School Program without an endorsement may not have met the eligibility requirements for a four-year college or university because colleges and universities set their own entrance requirements. A student would need to check with the specific college/university for information regarding admission requirements.

### 2. Will computer science as a language other than English (LOTE) count for college admission as a foreign language?

Colleges and universities set their own entrance requirements. Consequently, a student would need to check with the specific college/university for information regarding admission requirements.

#### **Available Course Options for All Graduation Programs**

Information regarding specific courses required or offered in each curriculum area will be distributed to students each spring in order to enroll in courses for the upcoming school year. Note that the district may require the completion of certain courses for graduation even if these courses are not required by the state for graduation.

Please be aware that not all courses are offered at every secondary campus in the district. A student who wants to take a course not offered at his or her regular campus should contact the school counselor about alternatives.

#### State Rule Regarding Combining Credits in Graduation Programs

A local school district can award credit proportionately to students who are able to successfully complete only one semester of a two-semester course. Unless the TAC specifically prohibits combining two half credits to satisfy a graduation requirement, in accordance with local district policy, a student may satisfy a graduation requirement for which there are multiple options with one-half credit of one allowable option and one-half credit of a second allowable option.

Prohibited combination credits:

- Minimum High School Program a student may not combine a half credit of Algebra II with a half credit from another mathematics course to satisfy the final mathematics credit requirement.
- Minimum High School Program a student may not combine a half credit of either World History Studies or World Geography Studies with a half credit from another academic elective course to satisfy the academic elective credit requirement.
- All Graduation Programs a student may not combine a half credit of a course for which there is an end-of-course assessment with another elective to satisfy an elective credit requirement.

#### **Advanced Placement Course Substitutions**

College Board Advanced Placement Courses may substitute for required courses in appropriate areas (TAC 74.11d). To assist with the identification of appropriate crediting of AP courses, a list of all AP course substitutions is below:

	ourses and Course Numbers	Courses may be credited as:	Units of Credit
		Courses may be created as.	onits of clean
ART	AR Two Dimensional Design		
1043 A/B	AP Two-Dimensional Design Art (Painting/Drawing)	Fine Arts Credit or State Elective Credit	.5 - 1
1020 A/B	AP Three-Dimensional Design Art (Sculpture) Portfolio A/B	Fine Arts Credit or State Elective Credit	.5 – 1
1048 A/B	AP History of Art	Fine Arts Credit or State Elective Credit	.5 – 1
1041 A/B	AP Drawing A/B	Fine Arts Credit or State Elective Credit	.5
1473 A/B	AP Music Theory A/B	Fine Arts Credit or State Elective Credit	.5
ENGLISH			
3062 A/B	AP English Language & Composition A/B	Substitute for English III, IV or State Elective Credit	.5
3064 A/B	AP Literature & Composition A/B	Substitute for English III, IV or State Elective Credit	.5
	ES/WORLD LANGUAGES		
4081 A/B	AP Spanish Language and Culture A/B	Required Language Level or State Elective Credit	.5
4083 A/B	AP Spanish Literature A/B	Required Language Level or State Elective Credit	.5
4141 A/B	AP French Language and Culture A/B	Required Language Level or State Elective Credit	.5
4201 A/B	AP German Language and Culture A/B	Required Language Level or State Elective Credit	.5
4221 A/B	AP Latin Vergil A/B	Required Language Level or State Elective Credit	.5
4364 A/B	AP Chinese Language and Culture A/B	Required Language Level or State Elective Credit	.5
4256 A/B	AP Italian Language and Culture A/B	Required Language Level or State Elective Credit	.5
4286 A/B	AP Japanese Language and Culture A/B	Required Language Level or State Elective Credit	.5
MATHEM	ATICS		
7124 A/B	AP Calculus AB	Math Credit or State Elective Credit	.5
7126 A/B	AP Calculus BC	Math Credit or State Elective Credit	.5
7145 A/B	AP Statistics IA/B	Math Credit or State Elective Credit	1
	AP Precalculus	Math Credit	1
SCIENCE			
7590 A/B	AP Biology A/B	Science Credit or State Elective Credit	1
7610 A/B	AP Chemistry A/B	Science Credit or State Elective Credit	1
7625 A/B	AP Physics 1 A/B	Science Credit or State Elective Credit	1
7627 A/B	AP Physics 2 A/B	Science Credit or State Elective Credit	1
7618 A/B	AP Physics C: Electricity and Magnetism	Science Credit or State Elective Credit	1
7628 A/B	AP Physics C: Mechanics	Science Credit or State Elective Credit	1
7678 A/B	AP Environment Sci A/B	Science Credit or State Elective Credit	1
SOCIAL STU	IDIES		
8098 T	AP Macroeconomics IT	Substitute for Economics/or State Elective Credit	.5
8099 T	AP Microeconomics IT	Substitute for Economics/or State Elective Credit	.5
8127 T	AP Psychology IT	State Elective Credit	.5
8135 T		Substitute for U.S. Government	.5
8037 A/B	AP Modern World History IA/B	Substitute for World History/or State Elective	1
8315 A/B	AP United States History IA/B	Substitute for U.S. History/or State Elective Credit	1
8219 A/B	AP European History IA/B	State Elective Only/NOT substitute for World	1
8078 T	AP Comparative Government and Politics	State Elective Credit	1
8003 A/B	AP Human Geography IA/B	Sub for World Geography/or State Elective Credit	1
8005T	AP Human Geography T	State Elective Credit	.5
	AP African American Studies	State Elective Credit	
COMPUTER	SCIENCES		
2142 A/B	AP Computer Science A	Math (4 <sup>th</sup> Credit), LOTE credit, or Elective	2
2157 A/B	AP Computer Principles	LOTE or Elective credit	1
	RESEARCH COURSE		•
3065 A/B	AP Capstone: AP Seminar	State Elective Credit	.5
		State Elective Credit	.5

### **OnRamps Course Substitutions**

OnRam	nps Courses and Course Numbers	Courses may be credited as:	Units of High School Credits	Number of University Credits
SOCIAL STU				
8049A	OnRamps United States History 1492 – 1865 A	Substitute for U.S. History Since 1877 A	.5	3
8049B	OnRamps United States History Since 1865 B	Substitute for U.S. History Since 1877 B	.5	3
8092T		Substitute for Economics with Emphasis on the Free Enterprise System and its Benefits	.5	3
SCIENCE				
7613 AB	OnRamps Physics 1	Substitute for Physics (2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> science credit)	1	4
STH03724AB	OnRamps Physics 2	3 <sup>rd</sup> or 4 <sup>th</sup> science credit	1	3
7597 AB	OnRamps Chemistry I	Substitute for Chemistry (2 <sup>nd</sup> , 3 <sup>rd</sup> , or 4 <sup>th</sup> science credit)	1	4
7534 AB	OnRamps Earth and Space Science	3 <sup>rd</sup> or 4 <sup>th</sup> science credit	1	3
7593 AB	OnRamps Chemistry II	3 <sup>rd</sup> or 4 <sup>th</sup> science credit	1	4
7591 AB	OnRamps Biology	3 <sup>rd</sup> or 4 <sup>th</sup> science credit	1	3
ENGLISH			I	
3044 AB	OnRamps Rhetoric and Writing	Substitute for English III	1	6
3045 AB	OnRamps Rhetoric and Writing	Substitute for English IV	1	6
MATHEMAT	īcs			
7050 AB	OnRamps College Algebra	Substitute for Algebra 2	1	3
7119 AB	OnRamps PreCalculus	Substitute for PreCalculus	1	3
7146 AB	OnRamps Statistics	Substitute for Statistics	1	3
TBD	OnRamps Quantum Computing	Substitute for Honors Mathematical Modeling using Computer Science	1	3
COMPUTER		-		
2159 AB	OnRamps Computer Science	State Elective	1	3
<b>FINE ARTS</b>				
1073 AB	OnRamps Art IV: Arts and Entertainment Technologies	Fine Arts Graduation requirement	1	3

### **Dual Credit Course Substitutions**

Approved FWISD dual credit courses may substitute for required courses in appropriate areas and when successfully completed will receive weighted credit for the student's GPA.

#### **Course Prerequisites**

A student may not be enrolled in a course that has a required prerequisite unless the student:

- 1. Has completed the prerequisite course(s)
- 2. Has demonstrated equivalent knowledge as determined by the school district; or
- 3. Was already enrolled in the course in an out-of-state, an out-of-country, or a Texas nonpublic school and transferred to a Texas public school prior to successfully completing the course.

A district may award credit for a course to a student who completed the course without having met the prerequisites if the student completed the course in an out-of-state, an out-of-country, or a Texas nonpublic school where there was not a prerequisite.

#### State Rule Regarding All Graduation Programs for Out-of-State or Out-of-Country Transfer Students

An out-of-state or out-of-country transfer student (including a foreign exchange student) or a transfer student from a Texas nonpublic school is eligible to receive a Texas Diploma, but must complete all requirements to satisfy state graduation requirements. Any course credit required that is not completed by the student before he or she enrolls in a Texas school district may be satisfied through provisions such as using correspondence courses, distance learning, and credit by examination or completing the required course.

Courses offered for dual credit in the core curriculum of an institution of higher education that cover all of the essential knowledge and skills for a course required for graduation may be substituted for courses required in the foundation curriculum and for languages other than English in all three high school graduation programs.

### **HIGHEST-RANKING GRADUATE – STATE DESIGNATION & CRITERIA**

The highest-ranking graduate is the student at each high school campus who has received the local honor of valedictorian. This student will receive a Highest-Ranking Graduate Certificate and free tuition to a Texas public college or university during both semesters of the first regular session immediately following the student's high school graduation. [See §54.201 of the Texas Education Code]

After all grades have been posted, a designated individual at each campus will use the PDF form provided by TEA to print out a certificate for the graduate on at least 65 lb. stock paper. The principal and superintendent will sign the certificate.

The designated individual from each campus will also need to complete an online survey to submit the highestranking graduate information to TEA. There is an optional field noting the public college your highest-ranking graduate will be attending; complete this section if the information is available. TEA will forward this information to the college, and the student will not need a Declaration document.

If the name of the public college that the highest-ranking graduate will attend is not known, the designated individual from each campus will complete a Declaration PDF form. The form is available from the link on the survey. Ensure that the student receives a copy of the Declaration form to present to the college admissions office of attendance. Detailed instructions with a link to the survey will be provided annually to each campus principal by the Academic Advisement Department.

#### **Highest Ranking Graduate FAQs from TEA**

Our valedictorian is not the highest-ranking graduate of their senior class because a student transferred in and has a higher GPA. Can we give the certificate to the valedictorian instead since that student has been at our high school all four years?

You must follow your district's policy for determining the highest-ranking graduate. The law clearly states that the award should be given to the highest-ranking graduate based on policy.

# Our highest-ranking graduate is going to college out of state, and therefore won't be able to benefit from this certificate. Can we instead give it to the next student in line who will be going to a Texas public institution of higher education?

No, the certificate should be awarded only to the highest-ranking graduate. The highest-ranking graduate, who initially chooses to go out of state or a private school, may choose to attend a Texas public college or university after their first semester.

#### We have an exact tie for the highest-ranking graduate. Can we issue more than one certificate?

You can allow for a tie between two students; however, in no circumstances should more than two awards be issued.

# My son/daughter is the valedictorian, but not the highest-ranking graduate. How do the schools determine who is the highest-ranking graduate?

School districts set their own policy to determine class rank. It is a local decision and each school district will not have the same policy for determining class rank. If parents are concerned or want to know more about how their child is ranked, they need to contact the local school district and ask about their policy. The Texas Education Agency has absolutely no say in determining class rankings.

#### How do I find a list of schools eligible for the highest-ranking graduate award?

All public schools, charter schools accredited by TEA, and private schools accredited by the Texas Private School Accreditation Commission may provide one highest-ranking graduate per graduating class.

#### How do I obtain the funds for tuition? Who provides the funds for the tuition?

The institution of higher education you attend waives the tuition fee; therefore, no direct funds are provided.

#### Does the award cover books, supplies, room and board, meal plans, etc.?

The award only covers the cost of tuition. Tuition does not cover fees, books, supplies, room and board, meal plans or personal expenses.

# Is the college or university required to honor the tuition waiver for the 2<sup>nd</sup> semester regardless of the student's situation?

No, the institution of higher education may have requirements such as a minimum grade point average in order to continue receiving the tuition waiver. You should verify with the college or university if they have any such requirements. <u>http://www.statutes.legis.state.tx.us/Docs/ED/htm/ED.54.htm#54.2001</u>

# HONORS LEVEL COURSES

Honors level courses include Honors, formerly titled Pre-AP, Advanced Placement (AP), Advanced Technical Credit, OnRamps Dual Enrollment, and Dual Credit Courses.

Secondary students who are formally identified as gifted/talented and those with the potential to achieve high levels are expected to take advanced level classes that are commensurate with their abilities and interests.

Middle School and High School student statements of expectations for advanced level courses, Honors, Advanced Placement classes have been created. Postsecondary Specialists and Counselors will discuss with students these expectations and commitment required for these courses. The Advanced, Accelerated, and Innovative Learning (AAIL) Department will provide student forms to be used to help foster student commitment. **See "High School Statement of Expectations for Advanced Level Courses" form in the Forms section.** In accordance with state and local policy, identified students are to be served through advanced academic offerings or the appropriate procedures are to be followed for furloughing or exiting students from the gifted program.

#### **Timeline to Enroll in an Honors Level Course**

A student may enter an advanced level course sequence at the beginning of any semester based on his/her interest and identified potential.

All students taking Honors, Advanced Placement, OnRamps, and Dual Credit courses must be enrolled in the course no later than 10 days from the first day of classes or within 10 days of the students enrolling in the school.

#### **Credentials for Teachers Who Teach Honors Level Courses**

Teachers who teach Honors, AP, or OnRamps courses should have specialized training. Prior to providing instruction in an Honors, Advanced Placement or International Baccalaureate core academic class, the teacher must complete the state mandated thirty hours of training for gifted education certification.

The training for all Honors and AP teachers will be completed through the Fort Worth ISD Advanced Academic Services thirty-hour academy. AP teachers should complete their hours through a weeklong AP Summer Institute, AVID Summer Institute, Laying the Foundation and 12 hours of Common Understanding/ Assessment and Identification/Nature and Needs/Social and Emotional offered by FWISD Advanced Academic Services.

To maintain <u>local</u> certified status, annually the teacher must complete an additional six hours of gifted education staff development preceding the start of the school year. In order to ensure quality instruction and college level content, College Board requires each teacher of an AP course to submit a syllabus for approval through the AP Course Audit. Only those teachers with an approved syllabus may use the trademarked course designation of "AP".

#### **Exit Procedures for Honors Level Courses**

Prior to the end of the first six weeks of the course, a student-teacher-parent conference must be held for students failing to maintain a passing grade of 70. Options to be discussed at the conference include:

Developing a plan for the improvement of the student's performance that includes alternative instructional strategies, tutorials, and specific target dates for progress reports to student and parent; or

Exiting the student from the course and placing the student in another appropriate course.

Any recommendations to move students from Honors, OnRamps, AP, or IB courses after the first six weeks of instruction are to be made only after a conference that includes student, teacher, parent, coordinator and principal. Final approval for any advanced level course withdrawal must be acquired from the principal. If the decision is made to remove the student, an Exit form must be completed and signed by all parties.

Honors, Advanced Placement (AP), and OnRamps courses are described within specific course descriptions along with requirements for admittance. The counselor(s) are to be consulted regarding any dual credit course being dropped.

### High School Courses Available in Middle School

Some high school courses are available in middle school. To be eligible to take these courses, students must have satisfactorily completed the middle school prerequisite course(s) or have passed the appropriate Credit by Examination for the middle school prerequisite course(s). Credit toward high school graduation will be placed on the academic achievement record (transcript) upon successful completion of the courses. For the graduating classes of 2022 and 2023, grades earned in middle school will not be calculated into the student's high school grade point average (GPA), except for AP courses taken in middle school. Beginning with the graduating class of 2024, if a student does not take 4 courses of math, ELAR, science, or social studies in high school, grades in high school courses taken in middle school may be used in the calculation of Class Rank.

Check with the middle school counselor to determine which courses are available at a particular campus.

# LOCAL GRADUATION HONORS

The District will calculate class rank at the end of the fifth six-week grading period of the senior year after receiving grades for dual credit courses to determine local graduation honors. The average of the fourth and fifth six-week grades will be used as the semester grade for the purpose of determining local graduation honors.

For schools on an accelerated block schedule, the District shall calculate class rank at the end of the third nine-week grading period of the senior year. The grade for the third nine-week grading period shall be used as the semester grade for this purpose.

#### Valedictorian and Salutatorian – Local Honor & Criteria

The valedictorian and salutatorian are the eligible students with the highest and second highest ranking, respectively at the end of the 5<sup>th</sup> six-weeks. To be eligible for such recognition, a student must:

- Have completed the Foundation Program with the distinguished level of achievement;
- Have completed 19 credits before the first day of the school year in which graduation requirements are completed; and
- Have been continuously enrolled in the same high school in the District for the two school years immediately preceding graduation.

In case of a tie in core GPAs after calculation to the third decimal place, the District will then consider weighted GPAs. If the tie is not broken after applying these methods, the District shall recognize all students involved in the tie as sharing the honor and title.

Please note that a once final grades are calculated, the rankings may have changed from those calculated at the end of the 5<sup>th</sup> six-weeks. However, if this occurs, this will not change the award for Valedictorian or Salutatorian.

The student meeting the local eligibility criteria for recognition as the valedictorian shall also be considered the highest-ranking graduate for purposes of receiving the honor graduate certificate from the state of Texas.

#### Latin Honors

Local class rank Latin honors at each District high school will be awarded to students completing the Recommended Program, the Advanced/Distinguished Achievement Program, or the foundation program with the distinguished level of achievement, as follows:

Summa Cum Laude	The top highest two percent of the graduating class
Magna Cum Laude	The next highest three percent of the graduating class
Cum Laude	The next highest five percent of the graduating class

To calculate the students eligible for Latin Honors:

- Obtain a class list from the Division of Technology of all seniors, not just potential graduates.
- The list is generated after the fifth six-week grades are entered and grades for dual credit courses have been received and entered.
- The same list is used to determine the Valedictorian and Salutatorian.
- From the list, calculate the top ten percent of students, rounding up. Divide the top 10% into the respective Latin Honors categories

Example:

No. of Seniors	Тор 10%	Summa Cum Laude	Magna Cum Laude	Cum Laude
200	20	Top 2% = 4	Next 3% = 6	Next 5% = 10
385	38.5 = 39	Top 2% x 385 = 7.7 = 8	Next 3% x 385 = 11.55 = 12	Next 5% x 385 = 19.25 = 19

# MIDDLE SCHOOL COURSE REQUIREMENTS

Course/Grade	6	7	8
English	1	1	1
Mathematics	1	1	1
Science	1	1	1
Social Studies	1	1	1
Physical Education	0.5ª	0.5ª	0.5ª
Health Education	0.5 <sup>a</sup>		
Fine Arts	1 <sup>b</sup>	В	В
Electives	0.5 <sup>c</sup>	1 – 2 <sup>c</sup>	1 – 3 <sup>c</sup>

#### Middle School Course Requirements

a – Moving to Wellness is a two-semester course required by all Grade 6 students. It fulfills both Health and Physical Education requirements.

b – The Middle School Fine Arts requirement may be satisfied by taking one TEKS-based fine arts course in art, band, choir, orchestra, or theatre arts during the students' middle school years. It is recommended that the requirement be met in Grade 6.

c – Students may take a locally developed elective, not to exceed one semester in Grade 7 or Grade 8 or a total of 1.5 semesters in grades 6 – 8.

#### Importance of Courses Taken In Middle School

Middle school courses provide a strong foundation for success in high school and beyond. Students should plan to take the most rigorous courses available at middle school while being mindful of the various advanced course offerings that will meet prerequisite requirements for the continuation of advanced course work in high school.

#### **Middle School Course Acceleration**

Chapter 74 of the Texas Education Code requires students to master the TEKS in all required middle school courses. If a student wishes to place out of a course, or to accelerate through a required course, a student can accomplish this by:

- successfully completing a Board approved course that compacts the curriculum or
- taking a credit-by examination (CBE) with an 80% score (70% or better with acceptable documentation of "prior instruction") to place out of any course. See the CBE Section for additional details and policies EHDB (LOCAL) and EHDC (LOCAL).

#### Middle School Course Acceleration in Social Studies

The Honors social studies courses in Grades 6, 7, and 8 do not compact the required TEKS. To place out of any social studies course, a student must pass the appropriate CBE prior to advancing to the new grade-level course.

# NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) ELIGIBILITY AND PARTICIPATION INFORMATION

Please contact your district web-based coordinator before assigning student athletes to web-based courses for credit recovery or original credit.

The NCAA is made up of more than 1,200 member schools classified in three divisions (Division I has 400 schools, which are divided into two subdivisions for football, 1-A and 1-AA, and compete at the major-college level; Division II has 326; and Division III has 513). Division I and II schools offer athletic scholarships. Eligibility for financial aid, practice and competition at Division III schools is governed by school, conference, and other NCAA regulations.

The NCAA has established academic rules that will be used to determine whether the student-athlete may participate in sports during his/her first year in college. These rules are **not** a guide for admission to college. Each NCAA member school has its own admission requirements. Remember, meeting the NCAA rules does **not** guarantee admission to college. The student-athlete **must** still apply for admission and be accepted by the college.

#### **NCAA Eligibility Center**

The Eligibility Center evaluates the student-athlete's academic record to determine if he/she is eligible to participate in a Division I or II college as a freshman student-athlete. The eligibility center is not the NCAA, but an organization that performs services to determine student-athlete's initial eligibility for the NCAA. From the NCAA clearinghouse website (<u>https://web3.ncaa.org/ecwr3/register/CERTIFICATION</u>), student-athletes may access current information needed to understand the Division I and Division II eligibility requirements, register with the clearinghouse, and access individual clearinghouse records.

#### **Division I Academic Eligibility**

To be eligible to compete in NCAA sports during the first year at a Division I school, the student must graduate high school and meet ALL the following requirements:

- Complete 16 core courses:
  - Four years of English
  - Three years of math (Algebra I or higher)
  - Two years of natural/physical science (including one year of lab science if offered by high school)
  - o One additional year of English, math, or natural/physical science
  - Two years of social science
  - Four additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy
- Complete 10 core courses, including seven in English, math, or natural/physical science, before the seventh semester. Once a student begins the seventh semester, the student may not repeat or replace any of those 10 courses to improve core-course GPA.
- Earn at least a 2.3 GPA in core courses.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale, which balances a student's test score and core-course GPA. If the student has a low test score, the student needs a higher core-course GPA to be eligible. If the student has a low core-course GPA, the student needs a higher test score to be eligible.

#### **Division II Academic Eligibility**

To be eligible to compete in NCAA sports during the first year at a Division I school, the student must graduate high school and meet ALL the following requirements:

- Complete 16 core courses
  - Three years of English
  - Two years of math (Algebra I or higher)
  - Two years of natural/physical science (including one year of lab science if offered by high school)
  - o Three additional year of English, math, or natural/physical science
  - Two years of social science
  - Four additional years of English, math, natural/physical science, social science, foreign language, comparative religion, or philosophy
- Earn at least a 2.2 GPA in core courses.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II sliding scale, which balances a student's test score and core-course GPA. If the student has a low test score, the student needs a higher core-course GPA to be eligible. If the student has a low core-course GPA, the student needs a higher test score to be eligible.

#### **Division III Academic Eligibility**

The above requirements do not apply to Division III colleges. Eligibility for financial aid, practice and competition at Division III schools is governed by school, conference, and other NCAA regulations. Contact the Division III school for complete policies.

#### **Classes that are not NCAA Core Courses:**

- Classes in non-core areas, fine arts, or vocations such as driver education, typing, art, music, physical education, or welding.
- Personal skill classes, such as personal finance or consumer education.
- Classes taught below grade level, at a slower pace, or with less rigor or depth. These classes are often titled basic, essential, fundamental, or foundational.
- Classes that are not academic in nature, such as film appreciation, video editing, or greenhouse management.

#### **Courses Taken Prior to Ninth Grade**

If a high school class such as Algebra I or Spanish I is taken prior to the ninth grade, the class may count for the 16 core courses if it is on the high school's list of approved core courses and is shows on the high school transcript with a grade and a credit.

#### Credit-By-Exam

Courses completed through credit-by-exam will not be used in an initial-eligibility certification.

#### Pass/Fail Courses

Core courses that receive a grade of "Pass" may satisfy core-course requirements if the course receives credit toward graduation.

### **Studies in a Foreign Country**

If a student attended a secondary school outside of the United States for all or part of grades nine through 12, different evaluation procedures will be applied to the international education documents. Original-language documents with certified translations must be submitted for evaluation.

### **High School Transcripts for Eligibility Center**

Transcripts should not be sent to the eligibility center until after the junior year and must be mailed directly by the high school. Any grade corrections, course title changes, and credit additions regarding high school course work must be made before a final transcript is mailed by the high school. Once the eligibility center receives a final transcript, it will not use an amended transcript.

All approved Fort Worth ISD core courses appear on the high school's list, which can be viewed at <u>www.ncaaclearinghouse.net</u>. Click on "Prospective Student-Athlete" and then on "List of Approved Core Courses."

#### **General Information on the NCAA Eligibility Center**

- Links to the NCAA website;
- Core-Course listings for high schools
- Online versions of NCAA Guide for the College Bound Student Athlete;
- Online information about Division I and Division II initial eligibility requirements;
- Online FAQs

#### **NCAA Contact Information**

The NCAA offers information on initial eligibility standards, the Initial-Eligibility Clearinghouse, recruiting rules, and other information via a toll-free number and websites:

- Online at <u>www.ncaa.org</u>
- NCAA Hotline: 1.800.638.3731
- NCAA Eligibility Center Line (M-F, 8 a.m. 5 p.m. CST) 1.877.262.1492
- NCAA Eligibility Center 24-hour Voice Response System: 1.877.861.3003
- Students and parents have access to valuable website with information about the recruiting process and eligibility for competition at the college level
- Website: <u>www.corecourseGPA.com (</u>contact any coach for details)

# PLACEMENT OF STUDENTS ENTERING THE DISTRICT

### **Accredited Schools**

The parent or guardian of a student enrolling in the District from an accredited public, private, or parochial school shall provide evidence of prior schooling outside the District. The student will be placed initially at the grade level reached elsewhere, pending observation by the classroom teacher, guidance personnel, and the principal. On the basis of these observations and results of tests that may be administered by appropriate District personnel, the principal shall determine final grade placement.

Accredited is defined as accreditation by TEA, an equivalent agency from another state, or an accrediting association recognized by the commissioner.

#### **Non-Accredited Schools**

A student enrolling in a District school from a nonaccredited public, private, or parochial school, including homeschools, will be placed initially at the discretion of the principal, pending observation by classroom teachers, guidance personnel, and the principal. Criteria for placement may include:

- Scores on achievement tests, which may be administered by appropriate District personnel.
- Recommendation of the sending school.
- Prior academic record
- Chronological age and social and emotional development of the student.
- Other criteria deemed appropriate by the principal.

Before granting credit, the District will validate, by a Credit by Exam (See CBE Section) or other evidence, that any course taken by a student at a nonaccredited public, private, or parochial school meets State Board requirements.

### **Guidelines for All Students Transferring**

- A student who has honors classes on his or her transcript from another district will be awarded honors credit if the honors course is currently taught in the FWISD.
- Confer with the student to determine the content of any course in question and to the Texas Essential Knowledge and Skills if necessary. The subject program director may also be contacted for assistance. If the content equates to that of a FWISD course, credit may be given.
- Students who wish to receive state credit for a course that cannot be equated with a FWISD course may apply to take the credit-by-examination test when available.
- Counselors who cannot make proper determinations for courses should contact the Guidance and Counseling Department

### **Conversion of Letter Grades to Numeric Grades**

When a student transfers grades for properly documented courses from an accredited U.S. or foreign public or private institution, the District shall assign weight to those grades based on the categories and grade weight system used by the District if similar or equivalent courses are offered to the same class of students in the District.

Conversion of letter grades to numerical grades for students transferring into the District with letter grades are as follows:

A+ = 99	B+ = 89	C+ = 79	
A = 96	B = 86	C = 76	
A- = 92	B- = 82	C- = 72	F = 60

If a student is transferring from a Texas school district or Texas charter school and has a "D" letter grade equivalent to a 70, credit will be awarded for the course per Texas Education Rule, 19TAC§74.26 (a)&(c).

Grades earned in non-accredited schools shall be handled in accordance with FD (LOCAL).

Students from non-public, out-of-state, or out-of-country schools may have transcripts that record a "D" letter grade and award credit for courses with a grade numeric value lower than the Texas passing standard of 70. Per TEA staff references to the Academic Achievement Record (AAR) Minimum Standards, section 1.15, the District has determined that for a "D" letter grade with a numeric value lower than a 70, a "P" will be recorded as the transfer grade.

Transfer students from non-accredited public, private, parochial schools or who have been home-schooled shall be offered an opportunity to demonstrate mastery in a subject or to earn course credit. (See CREDIT BY EXAMINATION for additional information.)

### Q&A Provided by the TEA Division of Curriculum for a Counselor TETN, Spring 2012

# 1. How do students transferring to a Texas public school from an out-of-state, and out-of-country, or a Texas non-public school receive credit for coursework they have already completed?

Districts are to follow the rules in TAC, §74.26 when determining what credit to award to a student transferring in from a non-Texas-public school. A school district must ensure that the records or transcripts of an out-of-state or out-of-country transfer student (including foreign exchange students) or a transfer student from a Texas nonpublic school are evaluated and that the student is placed in appropriate classes promptly. The district may use a variety of methods to verify the content of courses for which a transfer student has earned credit.

#### 2. Can a school refuse to award credit earned by a student while attending a Texas charter school?

No, please see TAC, §74.26 (a)(1): Credit earned toward state graduation requirements by a student in an accredited school district shall be transferable and must be accepted by any other school district in the state.

# 3. Can a school refuse to award credit earned by a student while attending Texas Tech or UT Austin online school?

No. Please see TAC, §74.26(a)(1): Credit earned toward state graduation requirements by a student in an accredited school district shall be transferable and must be accepted by any other school district in the state.

# 4. Can a school refuse to award credit earned by a student while attending another Texas public school during summer or in grades before high school?

No, please see TAC §74.26(a)(1): Credit earned toward state graduation requirements by a student in an accredited school district shall be transferable and must be accepted by any other school district in the state.

## **PROMOTION AND RETENTION**

A student will be promoted only on the basis of academic achievement or demonstrated proficiency in the subject matter of the course or grade level, the recommendation of the student's teacher, the score received on any criterion-referenced or state-mandated assessment, and any other necessary academic information as determined by the district.

In addition, at certain grade levels a student—with limited exceptions—will be required to pass the State of Texas Assessments of Academic Readiness (STAAR), if the student is enrolled in a public Texas school on any day between January 1 and the date of the first administration of the STAAR.

#### Elementary and Middle/Junior High Grade Levels

If a student in grades 3–8 is enrolled in a class or course intended for students above his or her current grade level in which the student will be administered a state-mandated assessment, the student will be required to take the applicable state-mandated assessment only for the course in which he or she is enrolled, unless otherwise required to do so by federal law.

[See Standardized Testing for more information.]

Certain students—some with disabilities and some classified as English language learners—may be eligible for exemptions, accommodations, or deferred testing. For more information, see the principal, school counselor, or special education director.

#### **High School Grade Levels**

To earn credit in a course, a student must receive a grade of at least 70 based on course-level or grade-level standards.

A student in grades 9–12 will be advanced a grade level based on the number of course credits earned. [Also, see **Grade Level Classification** for more information.]

Students will also have multiple opportunities to retake EOC assessments. [See **Graduation** and **Standardized Testing** for more information about EOC assessments.]

# STANDARDIZED TESTING

#### Secondary Grade Levels

#### SAT/ACT (Scholastic Aptitude Test and American College Test)

Many colleges require either the American College Test (ACT) or the Scholastic Aptitude Test (SAT) for admission. Students are encouraged to talk with the school counselor early during their junior year to determine the appropriate exam to take; these exams are usually taken at the end of the junior year. The Preliminary SAT (PSAT) and ACT-Aspire are the corresponding preparatory and readiness assessments for the SAT and ACT, and more information can be obtained on these assessments from the school counselor.

Note that participation in these assessments may qualify a student to receive a performance acknowledgment on his or her transcript under the foundation graduation program and may qualify as a substitute for an end-of-course testing requirement. A student's performance at a certain level on the SAT or ACT also makes the student eligible for automatic admission to a Texas public institution of higher education.

#### TSI (Texas Success Initiative) Assessment

The Texas Success Initiative Assessment (TSIA) is a part of the Texas Success Initiative program designed to help colleges and universities determine if students are ready for college-level course work in the areas of reading, writing, and mathematics. Incoming Texas college students are required to take the TSI Assessment unless the student is exempt. Based on how the student performs, the student may either be enrolled in a college-level course and/or be placed in the appropriate developmental course or intervention to help improve skills and prepare the student for success in college-level courses.

#### **TSI Assessment Exemptions**

- Score a 23 or higher on the ACT composite and a minimum of 19 on both the English and math tests on an ACT taken prior to March 3, 2023;
- On an ACT administered after March 2023, a student must achieve a combined score of 40 on the English and Reading (E + R) tests to be exempt from both reading and writing or ELAR sections of the TSI Assessment.
- On an ACT administered after March 2023, a student must achieve a minimum score of 22 on the mathematics for an exemption in math. There is no composite score.
- SAT administered prior to March 2016: Earned a combined (verbal critical reading + math) SAT score of 1070, with a minimum score of 500 on both sections;
- SAT administered March 2016 and later: Evidenced-Based Reading and Writing (EBRW) minimum score of 480; Mathematics minimum score of 530 (no combined score needed);
- TAKS scale score of at least 2200 on the math section and/or 2200 on the English Language Arts section with a writing subsection score of at least 3;
- Veterans, active duty personnel, and a student who is serving as and, for at least 3 years preceding enrollment, has served as a member of a reserve component of the U.S. armed services;
- Transfer from another institution having satisfactorily completed college-level coursework; or
- Enroll in a certificate program of one year or less (Level One certificates) at a public institution.

#### **College Ready Scores for the TSI Assessment**

- Reading 351
- Mathematics 350
- Writing
  - A placement score of at least a 340, and an essay score of at least 4; OR
  - A placement score of at least 340 and an ABE Diagnostic level of at least 4 and an essay score of at least 5.

#### STAAR (State of Texas Assessments of Academic Readiness)

#### Grades 3–8

In addition to routine tests and other measures of achievement, students at certain grade levels are required to take the state assessment, called STAAR, in the following subjects:

- Mathematics, annually in grades 3-8
- Reading, annually in grades 3–8
- Science in grades 5 and 8
- Social Studies in grade 8

STAAR Alternate 2, for students receiving special education services who meet certain state-established criteria, will be available for eligible students, as determined by the student's ARD committee.

#### Assessments for Middle School Students Receiving Instruction in a Different Grade Level

Students should be administered the STAAR assessments that align to the level of TEKS instruction that they are receiving regardless of their enrolled grade level. For example, middle school grade 7 students enrolled in grade 8 level science, or FWISD course 0303AB, 7<sup>th</sup> Grade Honors Science, Accelerated Course will take the grade 8 STAAR Science assessment.

Middle school students enrolled in a high school course for which an End of Course (EOC) assessment exists (English I, English II, Biology, or Algebra I) are required to take the EOC for the respective course. Passing these EOC examinations will count toward the student's high school graduation testing requirement. Middle school students who take a STAAR EOC test in middle school will not be required to also take the corresponding STAAR grade level subject area test.

For example, a Grade 8 student enrolled in Algebra I will take the following tests:

- STAAR Grade 8 RLA
- STAAR Grade 8 Science
- STAAR Grade 8 Social Studies
- STAAR EOC Algebra I

If a student in grades 5 – 8 is enrolled in a high school course that does not have a corresponding STAAR EOC assessment:

 Mathematics & Reading: - Students will be required to take their grade-level STAAR assessment when there is not a STAAR EOC assessment in the high school course they are taking. Federal law requires a student in grades 3 – 8 to annually be assessed in mathematics and reading. Therefore, a grade 8 student enrolled in Geometry will take the STAAR grade 8 mathematics assessment.

- Science Students in grades 5 and 8 are required to take their grade-level STAAR assessment in science at least once in elementary and once in middle school.
- Social Studies Students in grade 8 who are taking a high school social studies course would not be required to take their grade-level assessment, unless they have not yet taken it, because there is no federal requirement to test social studies.

#### High School Courses—End-of-Course (EOC) Assessments

STAAR end-of-course (EOC) assessments are administered for the following courses:

- Algebra I
- English I and English II
- Biology
- U.S. History

Satisfactory performance on the applicable assessments will be required for graduation, unless otherwise waived or substituted as allowed by state law and rules.

There are three testing windows during the year in which a student may take a STAAR EOC assessment: fall, spring, and summer. If a student does not meet satisfactory performance, the student will have additional opportunities to retake the assessment.

STAAR Alternate 2, for students receiving special education services who meet certain criteria established by the state, will be available for eligible students, as determined by the student's ARD committee.

An ARD committee for a student receiving special education services will determine whether successful performance on the EOC assessments will be required for graduation within the parameters identified in state rules and the student's personal graduation plan.

A student who receives credit for a course taken through the Texas Virtual School Network or through a dual credit program must take the corresponding STAAR EOC assessment to fulfill the testing graduation requirement.

[Also, see **Graduation** for additional information.]

#### A student who takes an EOC course and passes the EOC test, but fails the course:

- Will take a CBE for the EOC course to acquire credit for the course. The student must score a grade of 70 or above to earn credit.
- The CBE score is recorded on the transcript and coded with a "T", and
- The passing EOC test result is noted on the transcript

#### STAAR Frequently Asked Questions (FAQs) Provided by TEA; May 2016

# 1. What are the testing requirements for a foreign exchange student? (FAQ 12)

A foreign exchange student is required to take STAAR EOC assessments for courses in which he or she is enrolled. However, the student is not required to retest unless he or she is planning to earn a Texas high school diploma.

# 2. What types of substitute assessments can students use to fulfill their STAAR graduation requirements? (FAQ 26)

To satisfy their testing requirements for graduation, students can use multiple assessments (e.g., AP, IB, SAT,

ACT) in place of STAAR EOC assessments. Details on which assessments can currently be used for this purpose are provided below:

#### **ACT Substitute Assessments**

	STAAR AI	gebra I	STAAR B	iology	STAAR En	iglish I	STAAR En	glish II	STAAR U.S	S. History
Substitute Assessment	Assessment	Passing Score	Assessment	Passing Score	Assessment	Passing Score	Assessment	Passing Score	Assessment	Passing Score
ACT^* - June 2015 and Before	Mathematics	22			Reading Combined English/Writi	21 18 ng	Reading Combined English/Writi	21 18 ng		
ACT <sup>^</sup> - September 2015 and After	Mathematics	22	Science	23	Reading English	22 18	Reading English	22 18		
Aspire 9	Mathematics	428								
Aspire 10	Mathematics	432								
PLAN	Mathematics	19								

^ Satisfactory scores on ACT Reading and English or Reading and Combined English/Writing assessments may be used in place of either the STAAR English I EOC or the STAAR English I EOC, but not both.

\* To use the ACT, a student must have taken and received a satisfactory score on both sections of the ACT English language arts assessment.

#### **SAT Substitute Assessments**

	STAAR Algebra I		STAAR Biology STAAR English I		STAAR English II		STAAR U.S. History			
Substitute Assessment	Assessment	Passing Score	Assessment	Passing Score	Assessment	Passing Score	Assessment	Passing Score	Assessment	Passing Score
PSAT 8/9 or PSAT/NMSQT in 9 <sup>th</sup> Grade – October 2015 and After	Mathematics	450			Evidence-Bas Reading & W					
PSAT 10 or PSAT/NMSQT in 10 <sup>th</sup> Grade – October 2015 and After	Mathematics	480			Evidence-Bas Reading & W					
<b>PSAT/NMSQT</b> <b>in 11<sup>th</sup> Grade –</b> October 2015 and After	Mathematics	510			Evidence-Bas Reading & W					
<b>PSAT –</b> 2014 and Before	Mathematics	47								
<b>SAT^ -</b> Administered March 2016 and After	Mathematics	530			Evidence-Bas Reading & W		Evidence-Base Reading & Wr			
<b>SAT^* -</b> Administered January 2016 and Before	Mathematics	500			Critical Readi Writing	ng 500 500	Critical Readin Writing	ig 500 500		
SAT Subject Tests	Math Level 1 or Level 2	600	Biology – E o Biology – M	r 500					U.S. History	500

^ Satisfactory scores on SAT Evidence-Based Reading and Writing or Critical Reading and Writing assessments may be used in place of either the STAAR English I EOC or the STAAR English I EOC, but not both.

\* To use the SAT administered in January 2016 or earlier, a student must have taken both the SAT Critical Reading and Writing assessment.

#### AP, IB, and TSI Substitute Assessments

	STAAR Algebra I	STAAR Biology	STAAR English I	STAAR English II	STAAR U.S. History
Substitute Assessment	Passing Assessment Score	Passing Assessment Score	Passing Assessment Score	Passing Assessment Score	Passing Assessment Score
АР		Biology 3	English Language and Composition 3	English Language and Composition 3	U.S. History 3
IB*		Biology 4	Language A: Language & 4 Literature	Language A: Language & 4 Literature	History of the Americas 4
TSIA** - January 10, 2021 and Before	Mathematics 350		Reading 351 Objective 340 Writing/Sentence Skills Writing 4	Reading351Objective340Writing/SentenceSkillsWriting4	
TSIA2I** - January 11, 2021 and After	Mathematics 950		English 945 Language Arts Essay 5	English 945 Language Arts Essay 5	

\* The set passing score for the IB substitute assessments applies to both Standard Level and Higher-Level examinations.

\*\* The TSIA and TSIA2 English language arts assessments are the only substitute assessment that may be used to simultaneously fulfill two EOC requirements. Satisfactory scores on the TSIA (Reading, Objective Writing/Sentence Skills, and Writing) or TSIA2 (English Language Arts and Essay) may be used in place of both the STAAR English I EOC and the STAAR English II EOC requirements in those cases described by subsection (d)(1) of this section. In all other cases, a satisfactory score on an approved substitute assessment may be used in place of only one specific STAAR EOC assessment.

# 3. What are the STAAR graduation requirements for students who earn course credit through distance learning programs, correspondence courses, or dual credit courses? (FAQ 29)

Students who earn Texas high school course credit through distance learning programs (e.g., the Texas Virtual School Network), correspondence courses, or dual credit courses are required to pass all five STAAR EOC assessments to fulfill their testing requirements for graduation.

# 4. What are the STAAR graduation requirements for students who earn course credit through Advanced Placement (AP) or International Baccalaureate (IB) courses? (FAQ 30)

Students who earn Texas high school course credit through an AP or IB course that is substituting for a TEKS-based course required for graduation (e.g., AP biology instead of TEKS-based biology) are required to take the STAAR EOC assessment. However, if the student is taking the AP or IB test, the student may be able to use the AP or IB test score instead of the STAAR EOC assessment score to fulfill his or her biology testing requirements for graduation. See the substitute assessments question above.

# 5. What are the STAAR graduation requirements for students who earn course credit through credit by examination (CBE)? (FAQ 31)

If a student uses CBE to gain credit for a course in which he or she has had some prior instruction based on TAC §74.24(c)(9), the student is required to pass the corresponding STAAR EOC assessment to fulfill his or her STAAR graduation requirement.

# 6. If a student fails the course but passes the STAAR EOC assessment, is the student required to retest when he or she retakes the course? (FAQ 34)

No. Once a student passes (approaches Grade Level or above) a STAAR EOC assessment, the student has fulfilled that part of his or her graduation requirement and is not required to retest.

# 7. If a student fails the course and fails the STAAR EOC assessment, does the student have to wait until he or she completes the entire course before retesting? (FAQ 35)

No. The student has already received instruction in the entire course and is eligible to retest. The district must ensure that the student is provided an opportunity to test to meet his or her graduation requirement each time the assessment is offered.

#### 8. What testing options are available for English learners (ELs)? (FAQ 75)

Spanish versions of STAAR are available for eligible students in grades 3–5. Language proficiency assessment committees (LPACs) must meet annually to make and document state assessment decisions for ELLs on an individual student basis.

#### 9. What is STAAR Spanish? (FAQ 76)

STAAR Spanish is designed to measure the knowledge and skills of students who receive academic instruction in Spanish and can best demonstrate their learning through a Spanish language assessment. The mathematics and science questions are translated from English and adapted as necessary to ensure cultural and linguistic accessibility. Passages and questions for the reading test are developed uniquely in the Spanish language so that the Spanish language arts curriculum can be assessed in a more authentic and meaningful manner.

The English and Spanish versions of STAAR have the same test blueprint and assess the same TEKS student expectations. These documents can be found on the STAAR Resources webpage at http://tea.texas.gov/student.assessment/staar/.

# 10. Are ELs who are enrolled in an English I or English II for Speakers of Other Languages (ESOL I or ESOL II) course required to take the STAAR English I or English II assessments? (FAQ 79)

Yes. ELs enrolled in ESOL I or ESOL II are required to take the corresponding STAAR English I or English II assessment. However, in accordance with TAC §101.1007, eligible ELs only need to meet the passing standard on English II to fulfill their STAAR graduation requirements in English.

#### 11. What is the Texas English Language Proficiency Assessment System (TELPAS)? (FAQ 80)

The Texas English Language Proficiency Assessment System (TELPAS) is designed to assess the progress that English language learners (ELLs) make in acquiring the English language. TELPAS measures this acquisition of English in alignment with the Texas English Language Proficiency Standards (ELPS) that are part of the Texas Essential Knowledge and Skills (TEKS). The ELPS are second language acquisition curriculum standards that support the ability of ELLs to acquire academic English while at the same time allowing them to engage meaningfully in regular, all English academic instruction at their grade level. Title III, Part A of the Elementary and Secondary Education Act (ESE) requires states to conduct annual statewide English language proficiency assessments for ELLS in grades K – 12 in the linguistic domains of listening, speaking, reading, and writing. Students receive a proficiency rating of beginning, intermediate, advanced, or advanced high in each of those linguistic domains. More information can be located here: http://tea.texas.gov/student.assessment/ell/telpas/.

# THREE YEAR/EARLY GRADUATES

Occasionally a student qualifies to graduate within three years. To qualify as a three-year graduate, the student must meet the following criteria:

- Complete state required testing;
- Be on target to earn enough credits to graduate in three years under the Foundation High School graduation program with endorsement;

Grade point averages for students who complete the high school graduation program requirements in fewer than four years will be figured according to the GPA chart in effect for the graduating class, regardless of the school year in which a student entered grade 9. [See EIC (LOCAL)] The early graduate's GPA will be used to determine the class rank within the class in which the student graduates.

A student considering an early graduation is required to meet with his/her counselor to determine if he/she has completed all requirements. A Fort Worth ISD Early Graduation Request Form is to be completed by the student. The student will be reclassified to a senior in the fall of his/her third year in high school. A student reclassified from 10<sup>th</sup> to 12<sup>th</sup> grade will miss his/her chance to take the PSAT for National Merit Recognition and forfeit the free opportunities to take the SAT and ACT school day test. The student will also forfeit any other junior level awards, such as the academic sweatshirt recognition.

See copies of the form in the Forms section.

# TIMELINE FOR DROPPING COURSES OR CHANGING SCHEDULES

Students may request a course change within the first ten days of school if on a traditional schedule, or first five days of school if on a block schedule.

An Add/Drop request made after the tenth day of class (or after five days if on a block schedule), will result in the grade of 60 being reported on the transcript and calculated into the GPA unless there are extenuating circumstances approved by the school principal or designee.

For special circumstances, a course request may be made after the deadline, but not after the 2<sup>nd</sup> or 4<sup>th</sup> six-week grading periods, with or without penalty, as determined by the principal or designee. Course changes made after the 2<sup>nd</sup> or 4<sup>th</sup> six-week grading periods will result in a 60 posted to the student's transcript.

An Add/Drop form must be completed and approved by the school principal or designee.

Level changes within the same course are not considered add/drop requests.

For example, moving from Honors English I to English I is a level change and would not result in a penalty. UIL eligibility may be affected. Grades earned in Honors or AP courses will be transferred to the academic course without any adjustment after the 10-day (or 5 day for block schedule) deadline.

Grades earned in the first three weeks of a dropped class can affect UIL eligibility.

A change to a course requires the student to assume the responsibility for the content of the entire course on the final examination.

For dual credit course changes, please see the Dual Credit section.

# TRANSCRIPTS FOR SENIORS

Transcripts for current seniors are distributed in September/October and at the end of January.

Two transcripts are available. The student can request a transcript with a class rank or without a class rank. Both transcripts will include the student's GPA. The transcript that omits the class rank will also omit the quartile.

A final transcript will be available in June after all senior grades have been posted.

Transcripts can be sent to colleges and universities directly through the district's post-secondary planning software. There is no limit to the number of requests that can be made nor is there a charge. The campus counselor or GO Center has additional information.

### UNIVERSITY INTERSCHOLASTIC LEAGUE (UIL) NO PASS, NO PLAY WAIVERS

A student shall be suspended from participation in any extracurricular activity sponsored or sanctioned by the District or the UIL after a grade evaluation period in which the student received a grade lower than a 70 in any class other than Exempt Courses. An Exempt Course is an AP, IB, OnRamps, Honors, or a dual credit course in the subject areas of English language arts, mathematics, science, social studies, economics, or a language other than English. Districts can identify additional honors courses.

A list of courses identified by the FWISD as Exempt Courses follow:

	Middle and High School 2024 - 2025 FWISD A This course list has been reviewed according to design All AP courses in all disciplines, even if not listed	nted state law and u	pdated for the <b>2024 - 2025</b> School Year;
FNCUCUL ANCUA			-
ENGLISH LANGUAG		SOCIAL STUDIES	
3090AB, 3089AB	Honors English IA/B, Sheltered	8003AB 8005T	AP Human Geography AB
204440	Oppompe English Dhotoris & Writing AD		AP Human Geography T
3044AB	OnRamps English Rhetoric & Writing AB OnRamps English Rhetoric & Writing AB		Honors World Geography Studies AB, Sheltered Honors United States Military History AB/H
3045AB			Honors World History Studies AB, Sheltered
3062AB 3092AB	AP English Language & Comp IVA/B Honors English IIA/B	0035AD, 0032AD	Honors wond History Studies AB, Shellered
3064AB	AP English Literature & Comp VA/B	8066AB 8068AB	Honors United States History Since 1877 AB, Sheltered
3094AB	Honors English IIIA/B	8041 T/H	Honors Latino/a American Studies
3119AB	Honors Humanities A/B	8045 T/H	Honors Africa and African American Historical Perspectives
			and AP African American Studies
3722AB	Honors Debate IIIA/B	8037AB	AP Modern World History AB
FINE ARTS		8078T	AP Comparative Government and Politics T
1020AB	AP Studio Art: 3-D Design A/B	8098T	AP Macroeconomics T
1041AB	AP Studio Art: Drawing A/B	8099T	AP Microeconomics T
1043AB	AP Studio Art: 2-D Design A/B	8127T	AP Psychology T
1048AB	AP Art History A/B	8135T	AP United States Government and Politics T
1473AB	AP Music Theory A/B	8146T	Advanced Social Studies Research Methods in Psychology
1073AB	OnRamps Art IV: Pixels, Samples, Lumens, Illusion	8215AB	AP United States History AB
MATHEMATICS		8049A	OnRamps United States History 1492 – 1865 A
7055AB, 7047AB	Honors Algebra IA/B, Sheltered	8049B	OnRamps United States History Since 1865 B
		8219AB	AP European History AB
7057AB, 7075AB	Honors Algebra IIA/B, Sheltered	8092T	OnRamps Economics with Emphasis on the Free Enterprise System and its Benefits
7050AB	OnRamps College Algebra A/B	MULTIPLE CONT	ENT- AP CAPSTONE PROGRAMS
7073AB, 7074AB	Honors Geometry IA/B, Sheltered	3065 AB	AP Capstone: Seminar
7121AB	Precalculus IA/B	3067 AB	AP Capstone: Research
7123AB, 7118AB	Honors PreCalculus IA/B, Sheltered		AGES (Languages Other Than English)
7119AB	OnRamps PreCalculus IA/B	4408AB	Honors American Sign Language IIIAB
7124AB	AP Calculus AB A/B	4412AB	Honors American Sign Language IVAB
7126AB	AP Calculus BC A/B	4405 AB	Honors ASL II AB
7128AB	Honors Multivariable Calculus IA/B	4359 AB	Honors Chinese II AB
7129AB	Honors Ordinary Differential Equations IA/B	4362AB	Honors Chinese IIIAB
7130AB	Honors Math Modeling Using Comp Sim IA/B	4364AB	AP Chinese Language and Culture AB
7145AB	AP Statistics IA/B	4367AB	Honors Chinese IVAB
7146AB	OnRamps Statistics A/B	4369AB	Honors Chinese VAB
7215AB	Honors Number Theory IA/B	4134 AB	Honors French II AB
7235AB	Calculus Based Statistics A/B	4137AB	Honors French IIIAB
7275AB	Honors Logic Design Using Boolean Algebra A/B	4141AB	AP French Language and Culture A/B
7277AB	Honors Linear Algebra A/B	4332AB	Honors French IVAB
7278AB	Electrical Circuit Theory A/B	4143AB	Honors French VAB
7256AB	Optics A/B	4145AB	Honors French VIAB
7257AB	Astrophysics A/B	4194AB	Honors German II AB
	AP Precalculus	4197AB	Honors German III AB
SCIENCE		4201AB	AP German Language and Culture AB
7616AB, 7615AB	Honors Physics A/B, Sheltered	4338AB	Honors German IVAB
7524AB, 7523AB	Honors IPC A/B, Sheltered	4203AB	Honors German VAB
0689AB	Honors Modern Physics A/B	4205AB	Honors German VIAB
7534AB	OnRamps Earth & Space Science A/B	4251AB	Honors Italian IIAB
7574AB, 7576AB	Honors Biology A/B, Sheltered	4252AB	Honors Italian IIIAB
		4256AB	AP Italian Language and Culture AB
7590AB	AP Biology A/B	4255AB	Honors Italian IVAB
7594AB, 7595AB	Honors Chemistry A/B, Sheltered	4283AB	Honors Japanese II AB
7593AB	OnRamps Chemistry II A/B	4288AB	Honors Japanese IIIAB
7610AB	AP Chemistry A/B	4286AB	AP Japanese Language and Culture A/B
7597AB	OnRamps Chemistry I A/B	4289A	Japanese IV – JAPN4A/H
7602AB	Honors Organic Chemistry A/B	4214AB	Honors Latin II AB
7578AB	Introduction to Cell Biology A/B	4215AB	Honors Latin III AB
7625AB	AP Physics 1 A/B	4221AB	AP Latin Vergil A/B
7627AB	AP Physics 2 A/B	4223AB	Honors Latin VA/B

7628AB	AP Physics C: Mechanics A/B	4225AB	Honors Latin VIA/B
7618AB	AP Physics C: Electricity & Magnetism A/B	4072AB	Honors Spanish II AB
7613AB	OnRamps Physics I A/B	4072AB	Honors Spanish II AB
STH03724AB	OnRamps Physics II A/B	4077AB	Honors Spanish IIIA/B
7678AB	AP Environmental Science A/B	4326AB	Honors Spanish IVA/B
7707AB	Honors Astronomy IA/B	4080AB	Spanish (for Spanish speakers) IIIA/B, IVA/B
STH37202AB	Honors Scientific Research & Design A/B	4081AB	AP Spanish Language A/B
STH37212AB	Honors Scientific Research & Design IIA/B	4083AB	AP Spanish Literature A/B
STH37222AB	Honors Scientific Research & Design III A/B	4328AB	Honors Spanish V A/B
STH37302AB	Honors Engineering Design & Problem Solving A/B	4085AB	Honors Spanish VI A/B
STH30372AB	Proj Based Research in Botany & Sustain Hortic A/B	4086AB	Honors Spanish VII A/B
HSH02062AB	Honors Anatomy and Physiology A/B	4087AB	Honors Spanish VIII A/B
STH03722AB	Intel Science Talent Search Year 1	4089AB	Honors Spanish VI: Business, Legal, & Medical Per VI A/B
STH03712AB	Intel Science Talent Search Year 2		
7591AB	OnRamps Biology A/B	TECHNOLOG	YAPPLICATIONS
STH37201	Honors Principles of Technology A/B	2142AB	AP Computer Science A
HSH02071AB	Honors Medical Microbiology A/B	2157AB	AP Computer Science Principles
LAH29502AB	Honors Forensic Science A/B	2159AB	OnRamps Computer Science
HSH20801AB	Honors Pathophysiology A/B		
7709AB	Interaction of Radiation with Matter I A/B		
AGH00702	Honors Advanced Animal Science A/B		
AGH02102	Honors Advanced Plant & Soil Science A/B		
HTH23002	Honors Food Science A/B		

\*Approved FWISD Dual Credit courses only in the areas of ELA, Math, Science, Social Studies, and World Languages qualify as UIL No Pass, No Play course waivers, but are not listed above. See Dual Credit courses on FWISD AAIL website for these courses. All AP courses in all subject areas, even if not listed above, qualify as UIL No Pass, No Play Waiver courses.

### WEB-BASED CURRICULUM PROGRAM USED FOR COURSE-CREDIT

FOCUS course numbers have been established to register students for web-based course sessions. See the chart below displaying the title "Web-Base" (WEB) course numbers to be used:

Long Title	Short Title	Course Number	Additional Information
WEB-BASED A	WEB A	0555A	
WEB-BASED B	WEB B	0555B	
WEB-BASED AB	WEB AB	0555 AB	
WEB-BASED BR	WEB AB BR	0555 ABBR	Blended Resources – allows for personalized learning plans to be provided for students who need support, with blended engaged instruction, from a teacher to support the classroom
WEB-BASED OV	WEB AB OV	0555 ABOV	Web-based original virtual credit course – allows for the correct scheduling and rostering of students who have a complete class schedule during the school day but desire to take an additional course for original credit
WEB-BASED TE	WEB AB TE	0555 ABTE	Web-based testing enrichment – allows correct rostering of students into any TSI, SAT, ACT, and other National testing enrichment components offered in the web-based program

Contact the College and Career Readiness or Advanced, Accelerated & Innovative Learning office for more information or to answers to questions regarding these courses.

### WORLD LANGUAGE COURSE PLACEMENT AND ACCELERATION

Unlike the TEKS in the other subject areas, the TEKS for Languages other than English (LOTE) are not different at each level; rather they are based on proficiency levels of the same skills. Therefore, for example, successful completion of a Level III LOTE course automatically ensures mastery of the TEKS of Levels I and II.

#### **Initial Placement for Native Speakers**

Students who have enrolled in the first level of a world language for 7<sup>th</sup> grade or 9<sup>th</sup> grade and whose Home Language Survey indicates predominant use of that language in the home, will be administered a placement test at the end of their 6<sup>th</sup> or 8<sup>th</sup> grade year to determine the appropriate placement of the LOTE in the following school year.

#### **Placement Tests**

Based on the results of the placement exam, counselors will place the student in the most appropriate level of the language course. If the student successfully completes the course, he/she will receive credit for the course completed and any lower level course. A notation of "P" will be placed on the transcript signifying credit for the preceding courses.

Note:	Entrance levels are indicated in <b>bold-faced type</b> and are determined by placement
	ations. After initial placement, students are encouraged to continue their studies through
the adv	anced levels of World Language course sequence.

		Take Level V Course	Take Level V Course	Take Level V Course
î	Take Level IV Course	Take Level IV Course	Take Level IV Course	Placement/Successful Level IV Course
↑ ↑	Take Level III Course	Take Level III Course	Placement/Successful Level III Course Completion	<b>Completion</b> Grade and Credit Awarded
↑ ↑	Take Level II Course	Placement/ Successful Level II Course Completion	Grade and Credit Awarded	"P" Credit Awarded for Level III
r  ↑	Placement/ Successful Level I Course	Grade and Credit Awarded	"P" Credit Awarded for Level II	"P" Credit Awarded for Level II
↑ ↑	<b>Completion</b> Grade and Credit Awarded	"P" Credit Awarded for Level I	"P" Credit Awarded for Level I	"P" Credit Awarded for Level I

#### Credit by Examination for Acceleration in World Languages

A CBE can be taken to accelerate heritage speakers who evidence language skills beyond the course in which they are initially enrolled. The student must register to take the CBE in the appropriate Language/Level. If the student passes the CBE, credit is awarded on the transcript. The actual grade earned on the CBE is recorded on the transcript. Credit is also awarded for any preceding courses, if applicable. Credit for those courses will be denoted with a "P".

#### Possible Scenarios for Credit/Acceleration at Different Language Levels Tested

Passed CBE Level I Grade and Credit Awarded	Passed CBE Level II Grade and Credit	Passed CBE Level III Grade and Credit
	"P" Credit Awarded for Level I	"P" Credit Awarded For Level II
		"P" Credit Awarded For Level I

#### **Credit by Examination for Retrieval**

A student who has failed a language course can take a CBE to regain credit. The student must pass each semester of a course for which credit is being retrieved. The procedures for CBEs for course retrieval are the same for World Languages courses as all other courses. See the CBE section for further information.

#### World Language Q & A

1. If a student has successfully completed a full credit in Honors Spanish 5 or AP Spanish 5, but the student has not completed lower levels of Spanish, can automatic credit be awarded for Spanish 1, 2, and 3?

A student must take a proficiency exam. If the student passes for Spanish 3, then the student can receive credit for Spanish 1 and 2.

2. If a student completes a full credit of AP Spanish 5 or Honors Spanish 6 without taking AP Spanish 4, can we award credit for AP Spanish 4?

No, the student will not receive automatic credit for Spanish 4.

# FORMS

# Fort Worth ISD Class Rank Procedures Beginning With the Graduating Class of 2024

#### **OVERVIEW**

Class rank is a snapshot of a fluid process of adding to and updating the high school transcript. Semester averages may change as teachers' gradebooks are updated, dual credits are added, and outside credits are completed. Even though transcripts are updated throughout the semester, once class rank is set for the semester, it remains unchanged until the next ranking period.

Beginning with the graduating class of 2024, class rank will be determined by descending order of a student's semester *weighted Grade Point Average (GPA) points* earned in eligible courses that satisfy a student's graduation plan in the following curriculum categories:

- English Language Arts
- □ Mathematics
- □ Science
- □ Social Studies

Please see the last page for a complete list of courseS

#### WEIGHTED GPA POINTS

Each semester grade a student earns in an eligible course generates GPA Points. The GPA Points earned are based on:

- Tier of the course
- Grade in the course

The District categorizes and weights eligible courses as Tier I, Tier II, and Tier III.

#### **TIER I COURSES**

- Advanced Placement (AP) Courses
- International Baccalaureate (IB) Courses
- Dual Credit courses
- OnRamps Courses
- Any course that requires a Tier I course as a prerequisite

#### TIER II COURSES

Honors courses (formerly Pre-AP Courses)

#### TIER III COURSES

• Any course not designated as a Tier I or Tier II course.

GRADING SCALE			
Grade	Tier I GPA Points	Tier II GPA Points	Tier III GPA Points
97 and above	5.0	4.5	4.0
94–96	4.8	4.3	3.8
90–93	4.6	4.1	3.6
87–89	4.4	3.9	3.4
84–86	4.2	3.7	3.2
80–83	4.0	3.5	3.0
77–79	3.8	3.3	2.8
74–76	3.6	3.1	2.6
71–73	3.4	2.9	2.4
70	3.0	2.5	2.0
Below 70	0	0	0

For example, a student who earns a semester grade of 94 in a course will earn the following GPA Points:

- Tier I Course 4.8 GPA Points earned
- Tier II Course 4.3 GPA Points earned
- Tier III Course 3.8 GPA Points earned

#### **GRADE POINT AVERAGES**

The District calculates three sets of Grade Point Averages (GPAs)

WEIGHTED GPA (Weighted 4.0 Scale)

- Includes all high school courses taken for high school credit.
- Honors level courses\* receive higher grade point values.
- Reported on the student's high school transcript.
- Called Cumulative Weighted GPA in Focus

#### UNWEIGHTED GPA (4.0 Scale)

- Includes all high school courses taken for high school credit.
- Honors level courses\* DO NOT receive higher grade point values.
- Reported on the student's high school transcript.
- Called *Cumulative GPA* in Focus



#### WEIGHTED RANK GPA (Weighted 4.0 Scale)

- Used to calculate Class Rank and Quartile
- Used to calculate Valedictorian, Salutatorian, and Highest-Ranking Graduate
- Used to calculate Latin Honors
- Includes high school courses taken in the 4 core areas that meet graduation requirements
- Honors level courses\* receive higher grade point values.
- Reported on the student's high school transcript.
- Called Rank GPA in Focus

\* Includes AP, IB, OnRamps, Dual Credit, Honors courses, previous Pre-AP courses etc.

### CALCULATION OF CLASS RANK

FWISD calculates class rank for students beginning in the fall of their 10<sup>th</sup> grade year. Thereafter, students are ranked after the end of each semester, including the summer semester. Current semester data is not used to calculate rank.

The eight semester grades with the highest weighted GPA points in ELAR, Math, Science, and Social Studies will be used.

- After 9<sup>th</sup> grade the two semester grades with the highest weighted GPA points in each category will be used. (released the fall of 10<sup>th</sup> grade)
- After the 1<sup>st</sup> semester of 10<sup>th</sup> grade the three semester grades with the highest weighted GPA points in each category will be used. (released the spring of 10<sup>th</sup> grade)
- After 10<sup>th</sup> grade the four semester grades with the highest weighted GPA points in each category will be used.
- After the 1<sup>st</sup> semester of 11<sup>th</sup> grade the five semester grades with the highest weighted GPA points in each category will be used. (released the spring of 11<sup>th</sup> grade)
- After 11<sup>th</sup> grade the six semester grades with the highest weighted GPA points in each category will be used
- After the 1<sup>st</sup> semester of 12<sup>th</sup> grade the seven semester grades with the highest weighted GPA points in each category will be used. (released the spring of 12<sup>th</sup> grade)
- After 12<sup>th</sup> grade the eight semester grades with the highest weighted GPA points in each category will be used.

If the student does not take 8 semesters in a core subject in high school, the GPA points from high school courses taken in middle school will be used.

The Calculation of Class Rank Excludes grades earned in or through:

- Local Credit Courses
- Credit by examination, with or without prior instruction
- Distance learning
- Dual credit courses taken through a college with which the District does not have a partnership agreement



### **QUESTIONS AND ANSWERS**

#### 1. What grades will be used to calculate my Class Rank?

Semester grades earned in Math, Science, Social Studies, and English Language Arts will be used to calculate Class Rank GPA and Class Rank.

After 9<sup>th</sup> grade, we will take the two semester grades in each of those areas that generate the highest GPA points. After 10<sup>th</sup> grade, we will use the four semester grades in each of those areas that generate the highest GPA points; after 11<sup>th</sup> grade, we will use the highest six and after 12<sup>th</sup> grade, we will use the highest eight.

#### 2. What are GPA Points?

GPA Points are the numerical value given to each semester course grade. The value is determined based on the grade earned in that course and the Tier of the course.

# 3. Will grades earned in high school courses taken in middle school count in the calculation of Rank GPA?

Grades earned in high school courses taken in middle school will only be used in the calculation of Rank GPA if the student does not take 8 semesters of a core content in high school.

Grade-Level	Courses Taken	Class Rank GPA Based On:
8	Algebra IA	N/A
	Algebra IB	
9	Honors Geometry IA	Honors Geometry IA
	Honors Geometry IB	Honors Geometry IB
10	Honors Algebra IIA	Honors Geometry IA
	Honors Algebra IIB	Honors Geometry IB
		Honors Algebra IIA
		Honors Algebra IIB
11	Honors Precalculus IA	Honors Geometry IA
	Honors Precalculus IB	Honors Geometry IB
		Honors Precalculus IA
		Honors Precalculus IB
		Honors Algebra IIA
		Honors Algebra IIB
12	None	Honors Geometry IA
		Honors Geometry IB
		Honors Algebra IIA
		Honors Algebra IIB
		Honors Precalculus IA
		Honors Precalculus IB
		Algebra IA
		Algebra IB

For example, a student took the following courses:



#### 4. What happens if a student fails a course – is that grade included in Rank GPA?

The 8 semesters generating the highest grade-points will be used to calculate Class Rank GPA. If that failing grade is one of the 8 highest grades, the grade will be used. See the scenarios below:

Grade-Level	Course and Grade Earned	Class Rank GPA Based On:
9	Algebra IA – 68^	Algebra IA - 68
	Algebra IB – 75	Algebra IB – 75
10	Geometry IA – 70	Algebra IA – 68
	Geometry IB – 80	Algebra IB – 75
		Geometry IA – 70
		Geometry IB – 80
11	Algebra IIA – 62^^	Algebra IA - 68
	Algebra IIB – 72	Algebra IB – 75
		Geometry IA – 70
		Geometry IB - 80
		Algebra IIA^^ - 62
		Algebra IIB – 72
12	Algebra IIA^^ - 70 (retaken in	Algebra IA - 68
	person)	Algebra IB - 75
	Precalculus IA - 80	Geometry IA - 70
	Precalculus IB - 85	Geometry IB - 80
		Algebra IIA^^ - 70
		Algebra IIB - 72
		Precalculus IA - 80
		Precalculus IB - 85

#### Scenario I

^ The student does not need to retake the Algebra IA semester because when averaging the 68 with the 75 in Algebra IB, the student receives credit for both semesters

^^ This student will have to retake Algebra IIA; his grade is not high enough that when averaged with Algebra IIB the student will receive credit. In this example, the student retakes the course in-person and thus will replace his failing 62 used in 11<sup>th</sup> grade with the passing 70 used in 12<sup>th</sup> grade.



#### Scenario 2

Grade-Level	Course and Grade Earned	Class Rank GPA Based On:
9	Algebra IA – 68^	Algebra IA - 68
	Algebra IB – 75	Algebra IB – 75
10	Geometry IA – 70	Algebra IA – 68
	Geometry IB – 80	Algebra IB – 75
		Geometry IA – 70
		Geometry IB – 80
11	Algebra IIA – 62^^	Algebra IA - 68
	Algebra IIB – 72	Algebra IB – 75
		Geometry IA – 70
		Geometry IB - 80
		Algebra IIA^^ - 62
		Algebra IIB – 72
12	Algebra IIA^^ - 70 (retaken in a	Algebra IA - 68
	Web-based Course)	Algebra IB - 75
	Precalculus IA - 80	Geometry IA - 70
	Precalculus IB - 85	Geometry IB - 80
		Algebra IIA^^ - 62
		Algebra IIB - 72
		Precalculus IA - 80
		Precalculus IB - 85

^ The student does not need to retake the Algebra IA semester because when averaging the 68 with the 75 in Algebra IB, the student receives credit for both semesters

^^ This student will have to retake Algebra IIA; his grade is not high enough that when averaged with Algebra IIB the student will receive credit. In this example, the student retakes the course using Edgenuity. Grades earned in Edgenuity are not used in the calculation of Rank GPA and thus his original failing 62 will be used in the calculation of Rank GPA.



# 5. What if a student has more than the eight required semester grades or takes more than one course in the same content area during the school year?

The 2 semester grades in each content area generating the highest grades points will be used after grade 9; the 4 semester grades in each content area generating the highest grade points will be used after grade 10; the 6 semester grades in each content area generating the highest grade points will be used after grade 11, and the 8 highest grades in each content area generating the highest generating the highest grade points will be used after grade 11, and the 8 highest grades in each content area

If a student has more grades than the required number of grades in any grade-level, the ones generating the highest grade points will be used.

In the example below, the student took two math courses in 11<sup>th</sup> grade. At the end of 11<sup>th</sup> grade, the student has 8 semester grades. Class Rank will be calculated using the 6 of those 8 grades that generate the highest GPA points. After 12<sup>th</sup> grade, the student has 10 semester grades in Math. The 8 grades that generate the highest GPA points will be used.

Grade	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	Courses/Grades Used for
	Grade and GPA Points Earned	Grade and GPA Points Earned	Class Rank
9th	Algebra IA – 85 (3.2)	Algebra IB – 95 (3.8)	Algebra IA – 85
			Algebra IB - 95
10 <sup>th</sup>	Geometry IA – 80 (3.0)	Geometry IB – 90 (3.6)	Algebra IA – 85
			Algebra IB – 95
			Geometry IA – 80
			Geometry IB – 90
11 <sup>th</sup>	Honors Precalculus IA – 75 (3.1)	Honors Precalculus IB – 92 (4.1)	Algebra IA – 85
	Statistics IA – 84 (3.2)	Statistics IB – 97 (4.0)	Algebra IB – 95
			Geometry IB - 90
			Honors Precalculus IB – 92
			Statistics IA - 84
			Statistics IB – 97
12 <sup>th</sup>	AP Calculus IA – 86 (4.4)	AP Calculus IB – 93 (4.6)	Algebra IA – 85
			Algebra IB – 95
			Geometry IB - 90
			Honors Precalculus IB – 92
			Statistics IA - 84
			Statistics IB – 97
			AP Calculus IA – 86
			AP Calculus IB - 93



#### MATH COURSES

PEIMS Number	LONG COURSE TITLE	GRAD SUBJECT AREA
03100500	Algebra I (Honors, Basic, Applied Math)	Math
03100507	Algebra I (Applied Math)	Math
03100600	Algebra II (OnRamps, Honors, Basic)	Math
03100700	Geometry (Honors, Basic, Applied Math)	Math
03101100	Precalculus (Honors, OnRamps, Dual Credit)	Math
03102400	Mathematical Models with Applications	Math
03102500	Independent Study in Mathematics (First Time Taken)	Math
	Logic Design Using Boolean Algebra	Math
	Electrical Circuit Theory	Math
	Modeling Using Computer Simulation	Math
	Multivariable Calculus and Its Applications	Math
	Honors Number Theory	Math
	Calculus Based Statistics	Math
	Dual Credit Calculus Based Statistics	Math
	Honors Linear Algebra	Math
	Astrophysics	Math
	History of Mathematics	Math
	Optics	Math
	Survey of Mathematics	Math
	Dual Credit Linear Algebra	Math
03102501	Independent Study in Mathematics (Second Time Taken)	Math
	Ordinary Differential Equations and their Applications	Math
03102502	Independent Study in Mathematics (Third Time Taken)	Math
	Astrophysics	Math
	Honors Thermodynamics	Math
	OnRamps Honors Mathematical Modeling /Quantom Computing	Math
03102510	Advanced Quantitative Reasoning (Honors, Dual Credit)	Math
03102520	Discrete Mathematics for Problem Solving	Math
03102530	Statistics	Math
03102540	Algebraic Reasoning	Math
A3100101	AP Calculus AB (Dual Credit)	Math
A3100102	AP Calculus BC (Dual Credit)	Math
A3100102	Dual Credit Multivariable Calculus and Its Applications	Math
A3100200	AP Statistics (OnRamps)	Math

#### CTE AND TECHNOLOGY COURSES THAT SATISFY MATH REQUIREMENTS

13036700	Engineering Math (Honors)	Math
CP111200	CP Math	Math
13037600	Digital Electronics (Honors, Dual Credit)	Math
13016700	Accounting 2 (Honors)	Math
13037050	Robotics 2 (Honors, Dual Credit)	Math
03580370	Discrete Mathematics for Computer Science (Honors)	Math
12701410	Applied Math for Tech Professionals (Dual Credit)	Math
A3580110	AP Computer Science	Math

#### SCIENCE COURSES

03010200	Biology (Applied Science, Basic, Honors)	Science
03010207	Biology (Applied Science)	Science
03030000	Aquatic Science (Dual Credit)	Science
03040000	Chemistry (Applied Science, Honors, Dual Credit, On Ramps)	Science
03050000	Physics (Applied Science, Honors, OnRamps, Dual Credit)	Science
03060100	Astronomy (Honors, Dual Credit)	Science
03060200	Earth and Space Science (OnRamps, Dual Credit)	Science
03060201	Integrated Physics and Chemistry (Basic, Honors, Dual Credit)	Science
A3010200	AP Biology (OnRamps)	Science
A3040000	AP Chemistry (OnRamps)	Science
A3050001	AP Physics B	Science
A3050005	AP Physics C: Electricity and Magnetism	Science
A3050006	AP Physics C: Mechanics	Science
A3050003	AP Physics 1: Algebra Based	Science
A3050004	AP Physics 2: Algebra Based (OnRamps)	Science
A3020000	AP Environmental Science	Science

#### CTE AND TECHNOLOGY COURSES THAT SATISFY SCIENCE REQUIREMENTS

13037500	Engineering Science (Honors)	Science
03020000	Environmental Systems (Dual Credit)	Science
13020700	Medical Microbiology (Honors, Dual Credit)	Science
13020800	Pathophysiology (Honors, Dual Credit)	Science
13037200	Scientific Research and Design (Honors, Dual Credit)	Science
	Intel Science Talent Search	Science
	Dual Credit Biology for Non-Science Majors + Lab	Science
	Project Based in Botany and Sustainable Horticulture	Science
	Dual Credit General College Physics I + Lab	Science
	Dual Credit General Chemistry I + Lab	Science
	Introduction to Cell Biology	Science
	Interaction of Radiation with Matter	Science
13037210	Scientific Research and Design II (Honors, Dual Credit)	Science
	Dual Credit Biology II for Non-Science Majors + Lab	Science
	General College Physics II + Lab	Science
	General Chemistry II + Lab	Science
13037220	Scientific Research and Design III (Honors)	Science
	Talent Search	Science
	Electrical Circuit Theory	Science
	Introduction to Optics and Lasers	Science
13000700	Advanced Animal Science (Honors)	Science
13002100	Advanced Plant and Soil Science (Honors, Dual Credit)	Science
13020600	Anatomy and Physiology (Honors, Dual Credit)	Science
13023000	Food Science (Honors)	Science
13029500	Forensic Science (Honors)	Science
13037100	Principles of Technology (Honors)	Science
13037300	Engineering Design and Problem Solving (Honors)	Science
13036400	Biotechnology I (Honors)	Science

03320100	World Geography Studies (Basic, Community Citizenship, Honors, Dual Credit)	Social Studies
03330100	United States Government (Dual Credit)	Social Studies
03340100	United States History Studies Since 1877 (Basic, Honors, Dual Credit)	Social Studies
03340107	United States History Studies Since 1877 (Community Citizenship)	Social Studies
03340400	World History Studies (Basic, Community Citizenship, Honors, Dual Credit)	Social Studies
03380022	Special Topics in Social Studies: Honors Latino Studies	Social Studies
03380022	Special Topics in Social Studies Latino Studies	Social Studies
03380022	Dual Credit Special Topics in Social Studies: Latino Studies	Social Studies
03380022	Dual Credit Special Topics in Social Studies: Texas Government	Social Studies
03380084	Ethnic Studies: Mexican American Studies (Honors)	Social Studies
03380085	Ethnic Studies: African American Studies (Honors)	Social Studies
03310300	Economics with Emphasis on the Free Enterprise System and Its Benefits (Dual Credit)	Economics
A3360100	AP Human Geography	Social Studies
A3370100	AP Modern World History	Social Studies
A3340100	AP US History (OnRamps)	Social Studies
A3330100	AP Government	Social Studies
A3310200	AP Macroeconomics	Economics
A3310100	AP Microeconomics	Economics

#### **ENGLISH LANGUAGE ARTS COURSES**

03220100	English I (Basic, Honors)	English Language Arts
03220107	English I (Communications IV)	English Language Arts
03220200	English II (Basic, Honors)	English Language Arts
03220207	English II (Communications V)	English Language Arts
03220300	English III (Basic, Communications VI, Honors, Dual Credit, OnRamps)	English Language Arts
03220400	English IV (Basic, Communications VII, Dual Credit, OnRamps)	English Language Arts
03220600	English for Speakers of Other Languages I	English Language Arts
03200607	English for Speakers of Other Languages I	English Language Arts
03200700	English for Speakers of Other Languages II	English Language Arts
03200707	English for Speakers of Other Languages II	English Language Arts
A3220100	AP Language and Composition	English Language Arts
A3220200	AP Literature and Composition	English Language Arts
CP110100	College Prep English	English Language Arts
03221600	Humanities (Honors, Dual Credit)	English Language Arts
03221800	Dual Credit Independent Study in English: American Literature	English Language Arts
03221800	Dual Credit Independent Study in English: British Literature I	English Language Arts
03221800	Dual Credit Independent Study in English: British Literature II	English Language Arts
03221810	Dual Credit Independent Study in English II: Research & Technical Writing	English Language Arts

# Fort Worth ISD



# **Athletics State Elective – Local Credit Option Form**

Date	

Student

ID\_\_\_\_\_

School \_\_\_\_\_

Beginning in the 2010-2011 school year, the State of Texas allowed up to four credits for Physical Education/Athletics to count as state graduation credits. The implementation of this change from a maximum of two state graduation credits to four state graduation credits occurred among all grade levels. Therefore, it changed how athletics could be counted as local credits to state credits.

Currently, all state credits are counted in the calculation of the Grade Point Average (GPA) and class rank. Local credits do not count toward graduation credit requirements and are not included in the calculation of the GPA. A student and parent may request for a change in how the remaining Physical Education/Athletic credit(s) are used for state graduation credits after the state Physical Education/Athletic requirement of one credit has been met.

The following documents have been reviewed with the student and parent:

\_\_\_\_ Review of Credits/Transcript

\_\_\_\_ Impact on GPA/Class Rank

Comments:

As a result of this conference: (please initial the statements below to demonstrate your agreement)

I,\_\_\_\_\_, understand the state graduation credits that are required to receive my high school diploma.

\_\_\_\_\_I understand local credits do not count toward my state graduation requirements.

\_\_\_\_\_I understand local credit(s) for athletics will not be counted in the calculation of my GPA/class rank.

I understand I cannot change the status of previously awarded athletic credit(s) prior to this written request.

Student Signature		Date	
Parent Signature	/ Phone Conference Approval	Date	
Counselor Signature		Date	



### Electivas estatales de atletismo - Formulario para la opción de créditos locales

		Fecha
Estudiante	ID	Escuela

Comenzando en el año escolar 2010-2011, el estado de Texas permitió que se tomarán en consideración un máximo de 4 créditos en Educación Física/Atletismo como créditos estatales para la graduación. La implementación de este cambio de un máximo de dos créditos estatales a cuatro créditos estatales para la graduación ocurrió en todos los grados. Por lo tanto, esto cambió la manera en la que el atletismo se iba a poder contar, de créditos locales a créditos estatales.

Actualmente, todos los créditos estatales se consideran en el cálculo del promedio académico (*Grade Point Average* o GPA por sus siglas en inglés) y del rango en la clase. Los créditos locales no cuentan para los créditos requeridos para la graduación y no están incluidos en el cálculo del GPA. Los créditos restantes de Educación Física/Atletismo se están usando como créditos estatales de graduación después de que el requisito estatal de un crédito de Educación Física/Atletismo se haya cumplido. En ciertas ocasiones, puede que un estudiante y sus padres soliciten que se haga un cambio en la clasificación de estos créditos para que se cuenten como créditos locales.

Los siguientes documentos se revisaron con el estudiante y su(s) padre(s):

Revisión de Créditos/Expediente Académico

Impacto en el promedio (GPA)/Rango de la clase

Comentarios:

Como resultado de esta conferencia: *(Favor de poner las iniciales para mostrar que está de acuerdo)* Yo,\_\_\_\_\_, entiendo los créditos estatales que se requieren para recibir mi diploma de la escuela secundaria.

Yo estoy solicitando que el restante de los créditos de atletismo estatales obtenidos en los años escolares\_\_\_\_\_y/o\_\_\_\_\_sean otorgados y clasificados como créditos locales.

Yo entiendo que los créditos locales no cuentan para los requisitos estatales de graduación.

Yo entiendo que los créditos locales por atletismo no van a contar para el cálculo de mi GPA/rango en la clase.

Yo entiendo que no puedo cambiar el estatus de mis créditos atléticos obtenidos anteriormente a esta petición por escrito.

Firma del estudiante		Fecha	
Firma del padre	/ Conferencia telefónica aprobada	Fecha	
Firma del consejero		Fecha	

# **FWISD Credit-by-Examination Student Form**

Name of Student:
Student ID Number:
School Name:
Student Address:
Current Grade and Date of Birth:
(CBEs can only be taken twice for any one course) # of attempt: 1 <sup>st</sup> or 2 <sup>nd</sup>
Please <b>initial</b> the appropriate blank and enter the exam name for one of the three options listed below:
I am taking the Credit by Exam for for the purpose of <u>acceleration</u> . I have had <b>NO prior formal instruction</b> . I understand I must receive a score of 80% or better on <u>any and all</u> CBEs taken for the purpose of <u>acceleration</u> when there has been no prior formal instruction in order for credit to be awarded for the course. <i>FWISD Policy EHDC (LOCAL)</i>
<ul> <li>I am taking the Credit by Exam for for the purpose of <u>acceleration</u>. I have had prior instruction. I understand I must receive a score of 70% or better on <u>any and all</u> CBEs taken for the purpose of <u>acceleration</u> when there has been <b>prior instruction</b> for credit to be awarded for the course. <i>FWISD Policy EHDB (LOCAL)</i></li> <li>Check all the boxes that describe your prior instruction:         <ul> <li></li></ul></li></ul>
CBEs taken for the purpose of <u>retrieval</u> when there has been prior instruction for credit to be awarded for the course. <i>FWISD Policy EHDB (LOCAL)</i>
Sign: Student Signature and/or Parent Signature
Date: Date of Exam
Counselor Verifying Documentation:
Complete a separate form for each test and retain the signed form in the student's file.
If credit should be awarded, an update for course credit must be reflected on the student's Academic Achievement Record.
Exam Score:
Date CBE Academic Record updated:
Counselor:

Advanced, Accelerated, and Innovative Learning Guidance & Counseling Student Assessment Curriculum & Instruction

Revised August 2020

# Fort Worth ISD Early Graduation Request Form



	Stud	lent/Parent Request:			
Student	Student I	ID: S	chool:		
Early Graduation Date:					
January of(	(Ma school year)	ay request to participate in June gra	aduation ceremony.)		
June of	(Gradu(Gradu	uation a year ahead of schedule, Ju	ne ceremony applies)		
Student must register for a fu	ll schedule. If Early sses the student woul		the student will finish requirements chedule. <i>This section does not apply</i>		
The parent and student sig	natures below verify	the understanding of the f	following statements:		
		udent must graduate on the F			
<ul> <li>It is the student/parent that this request will</li> <li>I have communicated believe this action to in school and of the definition of the cohort with with the for the cohort with with the for the cohort with with the school dance on My child with including but education and the student of the cohort with with the school dance of the s</li></ul>	ht's responsibility to c not affect the student d with my child's sche be in his or her best is conditions which apply student's GPA and c which the student is gr of graduation required have no right to partices, plays, etc. I have no right to acc s transportation, particed d related services.	contact any college/universit c's admission. ool counselor, have carefully interest. I am fully aware that ly to all students who graduate class rank will be recalculate raduating. ements and withdrawal: rticipate in any extracurriculate cess any of the benefits accor- icipation in free/reduced price	y's admissions office to determine y reviewed my child's record and at my child will no longer be enrolled		
Signature of Parent	Date	Signature of Studer	nt Date		
Counselor Review         My signature verifies that I have reviewed this student's record, have met with the student and communicated with his or her parents, and have reviewed the conditions associated with early graduation.					
Approved	Denied	Principal Action Principal Sig	gnature Date		

# Fort Worth ISD Formulario de Solicitud para Graduación Adelantada



Estudiante	ID del estud	liante:	_ Escuela:		
de jun El estudiante del terminar sus req	ro de(Pud (año escolar) io de(La (año escolar) berá estar inscrito a tiempo comple uisitos para enero, favor de enumer	to. De aprobarse la Gradua ar las clases de las que dese	previsto, aplica a la ceremonia de junio) ación Adelantada, y el estudiante va a ca darse de baja en su horario escolar.		
<ul> <li>Para ser</li> <li>Es la res universion</li> <li>Me he c entiendo ya no es gradúan</li> <li>Una vez o</li> <li>0</li> </ul>	<ul> <li>Es la responsabilidad del estudiante/padre ponerse en contacto con la oficina de admisiones de la universidad/colegio universitario para determinar si esta solicitud no va a afectar la admisión del estudiante.</li> <li>Me he comunicado con el consejero escolar de mi hijo/a, he examinado cuidadosamente su expediente y entiendo que esta acción va a favor de sus mejores intereses. Estoy plenamente consciente de que mi hijo/a ya no estará matriculado/a en la escuela y de las condiciones que aplican a todos los estudiantes que se gradúan adelantadamente.</li> <li>Una vez cumplidos los requerimientos de graduación y retiro de la escuela: <ul> <li>Mi hijo/a no tendrá ningún derecho para participar en ninguna actividad extracurricular, incluyendo deportes, bailes escolares, obras teatrales escolares, etc.</li> <li>Mi hijo/a no tendrá derecho a tener acceso a ninguno de los beneficios que se ofrecen a los estudiantes matriculados, incluyendo transportación escolar, participación en el programa de comidas gratis o a precio reducido, o a educación especial y servicios relacionados.</li> </ul></li></ul>				
Firma del pad	lre/madre Fecha	Firma del estud	iante Fecha		
	Revi	sión del Consejero			
Mi firma verifica que he revisado el expediente de este estudiante, me he reunido con el estudiante y me he comunicado con sus padres, y hemos evaluado las condiciones asociadas a la graduación adelantada.					
Acción del Director Escolar					
Apro	badaRechazada	Firma del Dir	rector Escolar Fecha		



# Fort Worth ISD **GPA-Exempt Course Enrollment Form** School Year

Student			Grade Lev	el (circle one	e) <u>11<sup>th</sup> or 12<sup>th</sup></u>
ID#	Student's Counselor				
Semester Request is Being	Submitted (circle one):	FALL	SPRING	Date	

Beginning in the 2019-2020 school year, juniors and seniors may take one full-year course OR two one-semester courses per year as GPA-exempt. Courses must be chosen from the approved list, and students must have completed all prerequisites for the chosen course(s). Counselor and parent approval is required.

Students will receive a numerical grade all year in a GPA-exempt course, and the grade will be reported on all report cards and transcripts. Students will receive credit for the course, but the course will be excluded from GPA and class rank calculations. Students must complete all assigned work and take all tests, including the final, unless exempt from final exams. Students must maintain a passing semester grade average in the GPA-exempt course in order to remain eligible for the GPA-exemption. Please note: Colleges may re-calculate a student's GPA following their own system, so the college may include the GPA-exempt course in their GPA calculation, even if it was not included in FWISD calculations.

I am requesting	enrollment in the	following	GPA-exemp	t course(s):

(One full-year course **OR** two one-semester courses)

1) COURSE	COURSE CODE
2) COURSE	COURSE CODE

I have spoken to my counselor to determine eligibility, and I understand how a GPA-exempt course will affect my GPA and class rank, as well as my eligibility for UIL and other school-approved activities. I understand that once I sign up to take a course as GPA-exempt the decision cannot be changed. I also understand that if I drop a GPA-exempt course after the first semester, the remaining 0.5 exemption cannot be applied to another course the following semester. I understand that this form applies to the current semester only and is not retroactive to previous semesters.

Signature of Student	Date
Signature of Parent/Guardian	Date
Signature of Counselor	Date
Signature of Principal or Assistant Principal	Date

Signature of Principal or Assistant Principal

This form must be returned to your counselor by the tenth day of the first semester of each school year to be eligible for that semester. Students who miss the deadline for GPA-exempt enrollment for first semester may apply for exemption for the second semester if all criteria are met. (See back of this form for specifics.)

# FORT WORTH ISD GPA-EXEMPT COURSES

Fort Worth ISD encourages students to pursue areas of special interests and talents in order to enrich their academic experience. To promote continued exploration of these areas of interest in depth, the district is offering certain courses to students in grades 11 and 12 on a GPA-exempt basis.

#### • Who is eligible?

- o Juniors and seniors from the class of 2021 or later may enroll in a GPA-exempt course.
- Courses must be chosen from the approved list of eligible GPA-exempt courses.\*
- Students must have completed all of the prerequisites for the chosen course(s).
- Students must obtain counselor and parent approval.
- Students may choose one year-long course OR two one-semester courses per junior and senior year.

#### • How are grades recorded?

- o Students will receive a numerical grade all year for the GPA-exempt course.
- Numerical grades will be reported on all report cards and transcripts during the year.
- Students will receive credit for the course, but the course will be excluded from GPA and class rank calculations.
- The course name will designate it as a GPA-exempt course on the student transcript.

#### • What are the performance standards?

- Students must complete all assigned work and take all tests and final exams for the course, unless the student is exempt from final exams.
- o Students must complete any extra- or co-curricular components of the course.
- Students must maintain a passing semester grade average in the GPA-exempt course in order to remain eligible for the GPA exemption.

#### • How will grades affect activities?

 Numerical grades earned in a GPA-exempt course will be used to determine eligibility for participation in all school-sponsored and UIL activities. These grades will be used in determining exam exemptions, eligibility for academic awards and honors, admission to organizations such as National Honor Society, etc.

#### • How do students enroll?

- Complete the required GPA-Exempt Course Enrollment Form.
- o Obtain Principal or Assistant Principal, counselor and parent approval / signatures on the form.
- Return the form to the counselor **no later than ten days after the start of each school year.**
- Once a course is approved as GPA-exempt, the decision cannot be changed.
- If a student drops a GPA-exempt course after the first semester, the remaining 0.5 exemption cannot be applied to another course the following semester. The 1.0 credit exemption is considered expended.
- Students who miss the deadline for GPA-exempt enrollment for first semester may apply for exemption for the second semester if all criteria are met.

\*\*Please note: Colleges may re-calculate a student's GPA when applying, so the college may include the GPA-exempt course in their GPA calculation, even if it was not considered in FWISD calculations.



#### High School Statement of Expectations for Advanced Level Courses

Fort Worth ISD is committed to providing the best educational opportunities possible for all students. Advanced level Honors, Pre-IB, Advanced Placement, OnRamps, and International Baccalaureate courses prepare students for future academic and professional success.

#### Please read and sign the following statement of expectations:

I understand that I am a student of great potential with the ability to be successful in Advanced level Honors, Pre-IB, Advanced Placement, OnRamps, and International Baccalaureate courses. With this understanding, I am willing to make the commitment of time and effort required by these classes. I understand the following about this trajectory:

- Advanced level courses prepare students for success in future college level advanced placement coursework, college courses, and future related jobs.
- These courses will follow a more rigorous level of curriculum (as outlined by the College Board, International Baccalaureate or state and district curriculum) and will require increased commitment of the student's time and effort. Courses include Advanced level Honors, Pre-IB, Advanced Placement, OnRamps, and International Baccalaureate courses as defined in Bulletin 100.
- Students enrolled in these classes should expect frequency of homework, completion of independent projects, individual performances or presentations.
- Advanced level Honors, Pre-IB, Advanced Placement, OnRamps, and International Baccalaureate courses are college-level courses that require critical reading, writing, application of cross-curricular knowledge and constant analysis.
- Students enrolled in Advanced Placement or International Baccalaureate courses are expected to take the appropriate Advanced Placement or International Baccalaureate exam(s) and receive financial assistance from the College Board and FWISD. Exams are administered by the campus AP/IB Coordinator.
- Students enrolled in advanced level courses leading to licensure or certification are expected to complete required coursework which leads to attainment of this professional qualification.
- Students will participate in campus or district tutorials and review sessions as needed.

Withdrawal from an advanced level course must be approved by the teacher, parent, Postsecondary Success Specialist, counselor and administrator. A student may not be withdrawn without following protocol.

I, \_\_\_\_\_\_, (insert printed student name) am willing to make the commitment of time and effort required by advanced level coursework in Honors, Pre-IB, Advanced Placement, On Ramps, or International Baccalaureate classes.

For School Year \_\_\_\_\_

**Student's Signature** 

Parent's Signature

**Counselor's Signature** 

Postsecondary Success Specialist's Signature

Schedule of Advanced Level Courses



#### Declaración de expectativas de la escuela secundaria para los cursos de nivel avanzado

El Fort Worth ISD se compromete a brindar las mejores oportunidades educativas posibles para todos los estudiantes. Los cursos de nivel avanzado Honores, Pre-IB, Colocación Avanzada, OnRamps, y Bachillerato Internacional preparan a los estudiantes para el éxito académico y profesional futuro.

#### Lea y firme la siguiente declaración de las expectativas:

Entiendo que soy un estudiante de gran potencial con la capacidad de tener éxito en cursos de Honores, Pre-IB, Colocación Avanzada, OnRamps, o Bachillerato Internacional. Con este entendimiento, estoy dispuesto a hacer el compromiso de tiempo y esfuerzo que requieren estas clases. Entiendo lo siguiente sobre esta trayectoria:

- Los cursos de nivel avanzado preparan a los estudiantes para el éxito en los trabajos académicos futuros de nivel universitario de colocación avanzada, cursos universitarios y trabajos futuros relacionados.
- Estos cursos seguirán un nivel de plan de estudios más riguroso (como lo describe la College Board, el Bachillerato Internacional o el plan de estudios estatal y del distrito) y requerirán un mayor compromiso del tiempo y esfuerzo del estudiante. Los cursos incluyen AP, Honores, IB, OnRamps como se define en el Boletín 100.
- Los estudiantes inscritos en estas clases deben esperar tareas frecuentemente, completar proyectos independientes, presentaciones o representaciones individuales.
- Las clases de Colocación Avanzada, y OnRamps son cursos de nivel universitario que requieren lectura crítica, escritura, aplicación de conocimientos interdisciplinarios y análisis constante.
- Se espera que los estudiantes inscritos en cursos de Colocación Avanzada o Bachillerato Internacional tomen el/los exámenes apropiados de Colocación Avanzada o Bachillerato Internacional y reciban ayuda financiera del College Board y FWISD. Los exámenes son administrados por el Coordinador AP/IB de la escuela.
- Se espera que los estudiantes inscritos en cursos de nivel avanzado que son conducidos a la obtención de una licenciatura o certificación, completen los trabajos académicos requeridos para la obtención de esta calificación profesional.
- Los estudiantes participarán en tutorías de la escuela o del Distrito y en sesiones de revisión según sea necesario.

La baja de un curso de nivel avanzado debe ser aprobado por el maestro, padre, Especialista en Éxito Postsecundario, consejero y administrador. Un estudiante no puede darse de baja sin seguir el protocolo.

Yo, \_\_\_\_\_\_, (insertar el nombre del estudiante en letra de imprenta/*insert printed student name*) estoy dispuesto/a a comprometerme con el tiempo y el esfuerzo que requieren los cursos de nivel avanzado en las clases de Honores, Pre-IB, Colocación Avanzada, OnRamps, o Bachillerato Internacional.

#### Para el año escolar \_\_\_\_\_

Firma del estudiante

Firma del padre/madre/guardián

Firma del consejero/a

Firma del Especialista de Éxito Postsecundario

Horario de los Cursos de Nivel Avanzado



#### Notice of Meeting to Change High School Graduation Plan

Fort Worth Independent School District expects all students to complete the Foundation High School Program (FHSP) with Endorsements. However, for students who are unable to meet the requirements for the Foundation High School Program (FHSP) with Endorsements, a meeting must be convened to consider the student's options, and the following form must be completed.

In the 2014-2015 school year with the adoption of House Bill 5, students in Grade 9 in the 2014-2015 school year and thereafter must enroll in courses necessary to complete the curriculum of the Foundation High School Program with Endorsements.

However, if the student, the student's parent or other persons standing in the parental relation to the student, a school counselor and principal agree, then the student should be permitted to take courses under the Foundation High School Program (FHSP) without Endorsements. Fully completing this form, including required signatures, meets the required documentation for a student to move from the Foundation High School Plan (FHSP) with Endorsements to the Foundation High School Program (FHSP) without Endorsements.

Date of Meeting:	School Name:		
Student Name:	Student ID:	_Grade:	_Age:

Reason(s):

I understand that by selecting the Foundation High School Program (FHSP) without Endorsements, I will no longer be eligible for "Top 10 Percent" automatic college admissions consideration. By law, students must graduate under at least the Distinguished Level of Achievement (FHSP) for this consideration. In addition, Fort Worth ISD Policy EIC (LOCAL) indicates that only students completing the Distinguished Level of Achievement (FHSP) qualify for valedictorian and salutatorian honors.

Signature of student		Date	
	Parent / Guardian	]	

I have received written notice regarding the benefits to my child of graduating from high school with one or more endorsements and I grant permission for my child to graduate under the Foundation High School Program without earning an endorsement.

of parent/guardian		Date
	School Principal and C	ounselor
gram without an endorsem	(student nam	e) meets the criteria below to pursue the Foundation
The student has complete	ed his or her sophomore yea	r of high school.
ires:		Date:
	Principal	
	Counselor	
æ	gram without an endorsem The student has complete The student and his or he	School Principal and C (student name gram without an endorsement. The student has completed his or her sophomore yea The student and his or her parent/guardian have been benefits of graduating from high school with one or n ares: Principal

Student, Counselor, and Principal (not designee) signatures are required. \*Only one (1) Parent/Guardian signature is required.

#### DISTRITO ESCOLAR INDEPENDIENTE DE FORT WORTH Aviso de Reunión para cambiar el plan de Graduación de Escuela Secundaria



El Distrito Escolar Independiente de Fort Worth espera que todos los estudiantes completen el *Foundation High School Program (FHSP) con Especialidades.* Sin embargo, los estudiantes que no logren cumplir con los requisitos del *Foundation High School Program (FHSP) con Especialidades,* tendrán que asistir a una reunión para explorar las opciones que tienen estos estudiantes y tendrán que completar el siguiente formulario.

En el año escolar 2014-2015, al adoptarse el Proyecto de Ley 5 de la Cámara, los estudiantes en el Grado 9 en ese año escolar, y a partir de entonces, se tienen que matricular en los cursos necesarios para completar el currículo del *Foundation High School Plan (o FHSP) con Especialidades*.

Sin embargo, si el estudiante, los padres del estudiante, otras personas que se encuentren en lugar de padres con el estudiante, el consejero de la escuela o el director están de acuerdo, entonces al estudiante se le permitirá tomar los cursos del *Foundation High School Program (FHSP) sin Especialidades*. El completar este formulario, incluyendo las firmas requeridas, cumple con la documentación requerida para que un estudiante se pueda mover del *Foundation High School Plan (FHSP) con Especialidades para* el *Foundation High School Program (FHSP) sin Especialidades*.

Fecha de la reunión:	Nombre de la escuela:	

Nombre del estudiante:	Identificación:	Grado:	Edad:

Razón(es):

Entiendo que al seleccionar el "Foundation High School Program (FHSP) sin Especialidades," ya no seré elegible para ser considerado para la admisión universitaria automática llamada "Top 10 Percent." Por ley, los estudiantes tienen que graduarse por lo menos bajo el "Distinguished Level of Achievement (FHSP)" para esta consideración. También, la política EIC (LOCAL) del Distrito Escolar Independiente de Fort Worth indica que <u>sólo</u> los estudiantes que completen el "Distinguished Level of Achievement (FHSP)" cumplen con los requisitos para recibir los honores de primer y segundo promedio académico más alto ("valedictorian" y "salutatorian").

Firma del estudiante	Fech	a
	Padre/Guardián	

He recibido notificación escrita sobre los beneficios que tendrá mi hijo(a) al graduarse de escuela secundaria con una o más especialidades y doy mi permiso para que mi hijo(a) se gradúe bajo el *Foundation High School Program* sin obtener una especialidad.

Firma de	l padre/guardián	Fecha
		Director de la Escuela y Consejero
Certifico que siguientes criteri	os para continuar en el <i>Fo</i>	(nombre del/ de la estudiante) cumple con los undation High School Program sin una especialidad.
	El/la estudiante ha com	pletado su segundo año de escuela secundaria.
		adres/guardianes han sido asesorados por el consejero de la escuela sobre los le graduarse de escuela secundaria con una o más especialidades.
FirmasRequerid	as:	
Director		Fecha
Conseiero		Fecha

Se requieren las firmas del estudiante, el Consejero y el Director (<u>ningún</u> designado). \*Se requiere sólo una (1) firma del padre/guardian.

#### **World Languages Department - Course Substitution Form**



Student name:\_\_\_\_\_Date:\_\_\_\_\_Date:\_\_\_\_\_

Student ID High School Campus:

All graduation plans in the State of Texas require that a student earns two credits in any two levels of the same language. Students may select to take any two levels in the same language or two credits in computer programming languages selected from Computer Science I, II, III, AP Computer Science Principles, and AP Computer Science A.

If a student, in completing the first credit of a World Language course demonstrates that he/she is unlikely to be able to complete the second credit, the student may substitute another appropriate course as follows:

- □ Special Topics in Language and Culture
- □ Another credit from a different language
- □ Computer programming languages

(Note: If a student takes AP Computer Science A as a LOTE substitution, only one of the two credits awarded for the course can be used for the LOTE substitution. The student must take a second computer programming course).

*A student, who <b>due to a disability</b> , is unable to complete two credits in the substitute two credits <i>that are not being used to satisfy another specific gr</i>	
Obtaining two credits from <u>one</u> of the following:	
□ CTE □ technology applications	
Or <u>combining</u> two credits from the following:	
English language arts mathematics science	social studies
<ul> <li>The determination regarding a student's ability to complete the second of diagnostician's signature* and must be agreed to by a campus committee teacher of the first LOTE credit course or another LOTE teacher of principal or designee</li> <li>student's parent or person standing in parental relation</li> <li>ARD if the student receives special education services (TEC, Chaptee)</li> <li>committee established for the student under Section 504, Rehability</li> </ul>	ee consisting of the following: designated by the school district oter 29, Subchapter A)
If a student is seeking to substitute the second year of a World Language,	please complete the following:
The documents have been reviewed by the student and parents:        Credits/Transcript      Previous LOTE course	
By signing below, I acknowledge that 4-year colleges and universities n without 2 years of the same World Language.	nay not accept a student
Student's Signature:	Date:
Parent's Signature:	Date:
LOTE Teacher's Signature:	Date:
Counselor's Signature:	Date:
*Diagnostician's Signature:	Date:
Principal's Signature:	Date:

A copy of this form should be sent to the World Languages Department and kept in the student's cum folder. May 2019

# Fort Worth ISD



# Marching Band Activity / PE Credit – Opt Out Form

Student\_\_\_\_\_

ID\_\_\_\_\_

School \_\_\_\_\_

Date\_\_\_\_\_

Beginning in the 2013-2014 school year, students participating in Level I or II of the Marching Band Activity are eligible to receive a grade in both Band and the Marching Band Activity. In addition, the participation in Marching Band Activity provided students PE Substitution credit that will count toward the state graduation requirements.

Due to the manner in which the PE Substitution Credit can be counted toward graduation requirements, a review of the academic achievement record may be needed to understand the impact of the changes. Please contact your counselor for a conference to discuss your graduation requirements.

(Please initial the statements below to demonstrate your agreement)

I,\_\_\_\_\_, understand the state graduation credits that are required to receive my high school diploma.

I am requesting a change to the Marchingschool year.	· · · · · · · · · · · · · · · · · · ·	it earned in the
I understand I will not receive PE Activity during the school year	E credit for my participation in the Ma listed above.	arching Band
I understand I must fulfill the PE graduation requirement with a different physical education credit to meet state graduation requirements.		
I understand that once this chang Marching Band Activity has be	e is made, I <u>cannot</u> change the manneer en assigned to the academic achiever	
Student Signature	_	Date
Parent Signature	/ Phone Conference Approval	_Date

Counselor Signature\_\_\_\_\_

Date



#### PROCEDURE ADDING/DROPPING ADVANCED LEVEL COURSES OR CHANGING TEACHERS

In order to **ADD** Honors, AP/IB level class or Onramps courses, the following must have occurred:

- 1. Student and teacher conference
- 2. Parent Contact by teacher
- 3. This form signed appropriately

To **DROP** Honors, AP/IB level class, or Onramps courses, without penalty, the following must have occurred:

- 1. Parent and student contact by teacher with documentation
- 2. Develop a plan for improvement within a specific timeframe
- 3. Re-evaluation with documentation
- 4. Decision to drop Honors, AP/IB level class, or Onramps courses,
- 5. This form signed appropriately

This form must be signed by the student, parent/guardian, teacher, PSS and administrator. Return the completed form to the student's counselor.

**In order to change teachers**, the counselor must communicate with parent, student and teacher and contact must be documented. After the counselor has verified the need for change of teacher, the student or parent/guardian must get approval from the principal.

#### All signatures are required on this form in order for schedule to be changed.

Date:	_STUDENT NAME:
STUDENT ID#:	STUDENT GRADE LEVEL:
CLASS(ES) TO BE ADDED/DROP	PED or TEACHER CHANGED:
Date of Parent/Teacher Contac	ct:
Date of Re-Evaluation:	
Student Signature:	Parent Signature:
Teacher Signature:	PSS Signature:
Counselor Signature:	Effective Date:
Administrator Signature:	
Collegiate Programming and A * To move from one advanced	dvisement Revised 5/7/2021 level course to another the principal's signature is not required.

## Glossary

**Accelerated instruction** is an intensive supplemental program designed to address the needs of an individual student in acquiring the knowledge and skills required at his or her grade level and/or as a result of a student not meeting the passing standard on a state-mandated assessment.

**ACT-Aspire** refers to an assessment that took the place of ACT-Plan and is designed as a preparatory and readiness assessment for the ACT. This is usually taken by students in grade 10.

**ACT** refers to one of the two most frequently used college or university admissions exams: the American College Test. The test may be a requirement for admission to certain colleges or universities.

**ARD** is the admission, review, and dismissal committee convened for each student who is identified as needing a full and individual evaluation for special education services. The eligible student and his or her parents are members of the committee.

**Attendance review committee** is responsible for reviewing a student's absences when the student's attendance drops below 90 percent, or in some cases 75 percent, of the days the class is offered. Under guidelines adopted by the board, the committee will determine whether there were extenuating circumstances for the absences and whether the student needs to complete certain conditions to master the course and regain credit or a final grade lost because of absences.

**EOC assessments** are end-of-course tests, which are state-mandated, and are part of the STAAR program. Successful performance on EOC assessments are required for graduation. These exams will be given in English I, English II, Algebra I, Biology, and U.S. History.

**IEP** is the written record of the individualized education program prepared by the ARD committee for a student with disabilities who is eligible for special education services. The IEP contains several parts, such as a statement of the student's present educational performance; a statement of measurable annual goals, with short-term objectives; the special education and related services and supplemental aids and services to be provided, and program modifications or support by school personnel; a statement regarding how the student's progress will be measured and how the parents will be kept informed; accommodations for state or districtwide tests; whether successful completion of state-mandated assessments is required for graduation, etc.

**IGC** is the individual graduation committee, formed in accordance with state law, to determine a student's eligibility to graduate when the student has failed to demonstrate satisfactory performance on no more than two of the required state assessments.

**ISS** refers to in-school suspension, a disciplinary technique for misconduct found in the Student Code of Conduct. Although different from out-of-school suspension and placement in a DAEP, ISS removes the student from the regular classroom.

**PGP** stands for Personal Graduation Plan, which is required for high school students beginning with ninth graders in the 2014–15 school year, and for any student in middle school who fails a section on a state-mandated test or is identified by the district as not likely to earn a high school diploma before the fifth school year after he or she begins grade 9.

**PSAT** is the preparatory and readiness assessment for the SAT.

**SAT** refers to one of the two most frequently used college or university admissions exams: the Scholastic Aptitude Test. The test may be a requirement for admissions to certain colleges or universities.

**Section 504** is the federal law that prohibits discrimination against a student with a disability, requiring schools to provide opportunities for equal services, programs, and participation in activities. Unless the

student is determined to be eligible for special education services under the Individuals with Disabilities Education Act (IDEA), general education with appropriate instructional accommodations will be provided.

**STAAR** is the State of Texas Assessments of Academic Readiness, the state's system of standardized academic achievement assessments, effective beginning with certain students for the 2011–2012 school year.

**STAAR A** is an accommodated version of the STAAR that is available for certain students who receive special education services or students who have been identified as dyslexic.

**STAAR Alternate 2** is an alternative state-mandated assessment designed for students with severe cognitive disabilities receiving special education services who meet the participation requirements, as determined by the student's ARD committee.

**STAAR Linguistically Accommodated (STAAR L)** is an alternative state-mandated assessment with linguistic accommodations designed for certain recent immigrant English language learners.

**State-mandated assessments** are required of students at certain grade levels and in specified subjects. Successful performance sometimes is a condition of promotion, and passing the STAAR EOC assessments is a condition of graduation. Students have multiple opportunities to take the tests if necessary for promotion or graduation.

**Student Code of Conduct** is developed with the advice of the district-level committee and adopted by the board and identifies the circumstances, consistent with law, when a student may be removed from a classroom, campus, or district vehicle. It also sets out the conditions that authorize or require the principal or another administrator to place the student in a DAEP. It outlines conditions for out-of-school suspension and for expulsion. The Student Code of Conduct also addresses notice to the parent regarding a student's violation of one of its provisions.

**TELPAS** stands for the Texas English Language Proficiency Assessment System, which assesses the progress that English language learners make in learning the English language, and is administered for those who meet the participation requirements in kindergarten–grade 12.

**TSI assessment** is the Texas Success Initiative assessment designed to measure the reading, mathematics, and writing skills that entering college-level freshmen students should have if they are to be successful in undergraduate programs in Texas public colleges and universities.

**TxVSN** is the Texas Virtual School Network, which provides online courses for Texas students to supplement the instructional programs of public school districts. Courses are taught by qualified instructors, and courses are equivalent in rigor and scope to a course taught in a http://pol.tasb.org/Policy/Code/1101?filter=FNGtraditional classroom setting.

**UIL** refers to the University Interscholastic League, the statewide voluntary nonprofit organization that oversees educational extracurricular academic, athletic, and music contests.

# MIDDLE SCHOOL COURSES

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# **Programs of Choice and Preparatory Courses**

\* For all questions regarding Programs and Schools of Choice, please visit the Gold Seal page at fwisd.org/choices.

AVID AB (Advancement Via Individual Determination)	0261A/B (6 <sup>th</sup> ), 0269A/B (7 <sup>th</sup> ) or 0270A/B (8 <sup>th</sup> )
Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Students progress from one grade level to the next and develop awareness of the values accompanying academic goals and success. Students receive instructions that utilize a rigorous college-preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities, and academic success skills. Students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. Additionally, students are exposed to field trips, guest speakers, and research to increase their knowledge of college and career opportunities	82900XXX (6 <sup>th</sup> ), 85000001 (7 <sup>th</sup> ), or 85000002 (8 <sup>th</sup> )
<u>Instructional Material:</u> <i>Materials provided through contract with AVID Center</i> <u>Prerequisites</u> : Application to and Acceptance into the AVID Program <u>What's Next?</u> Next grade level of AVID courses	Grade level: 6-8 Credit(s): Local Credit Only

# English Language Arts

	Traditior	nal	Honors		Advanced Placement (AP) / Dual Credit (DC)	
6th	Gr 6 ELAR: 0041	STAAR Gr 6	Honors Gr 6 ELAR: 0041	STAAR Gr 6	Gr 6 ELAR: 0041	STAAR Gr 6
7th	Gr 7 ELAR: 0042	STAAR Gr 7	Honors Gr 7 ELAR: 0019	STAAR Gr 7	Gr 7 ELAR: 0042	STAAR Gr 7
8th	Gr 8 ELAR: 0043	STAAR Gr 8	Honors Gr 8 ELAR: 0025	STAAR Gr 8	Gr 8 ELAR: 0043	STAAR Gr 8
9th	English I: 3011	Eng I EOC	Honors English I: 3090	Eng I EOC	English I: 3011	Eng I EOC
10th	English II: 3013	Eng II EOC	Honors English II: 3092	Eng II EOC	English II: 3013	Eng II EOC
11th	English III: 3015	PSAT SAT ACT	Honors English III: 3094 AP/DC ELAR Elective or Advanced ELAR	PSAT SAT ACT AP TSI	Honors English III: 3094 AP/DC ELAR Elective or Advanced ELAR	PSAT SAT ACT AP TSI
12th	English IV: 3017 College Preparatory English: 3131	PSAT SAT ACT TSI	English IV: 3017 OnRamps English (may only take once for Eng III or Eng IV – 1 credit) AP/DC ELAR Elective or Advanced ELAR	PSAT SAT ACT AP TSI	OnRamps English (may only take once for Eng III or Eng IV-1 credit) AP/DC ELAR Elective or Advanced ELAR	PSAT SAT ACT AP TSI

#### English Language Arts Recommended Course Sequence and Testing Guide

Gr 6 ELAR	0041 A/B
Sheltered Gr 6 ELAR	0084 A/B
Sheltered Gr 6 ELAR - NP	0064 A/B
Students will engage in activities that build on their prior knowledge and skills in order to strengthen and	02800000
integrate their reading, writing, research, listening, speaking, oral, and written language skills.	
Instructional Material: 0600 – Savvas myPerspective, Grade 6 (Texas Edition), Grade 6 Classroom Library (200	Grade level: 6
diverse titles)	Credit(s): NA
<u>Prerequisites:</u> None	
<u>What's Next?</u> Gr 7 ELAR (or Honors)	
Students will take STAAR Gr 6 Reading.	
Teachers teaching emergent bilingual students must be English and ESL certified.	
Gr 6 Enhanced ELAR	00041 A/B
Sheltered Gr 6 Enhanced ELAR	00084 A/B
(Humanities)	
This Enhanced course follows the 6th grade ELAR and 6th grade Social Studies TEKS while providing an	02660060
enhanced curriculum. This course is an interdisciplinary study where students will explore the dynamic	
relationship between humans and the institutions common to world societies. Emphasis is placed using	
primary, secondary, and literary sources to examine the connectedness and diversity of the human experience	
through the exploration of the people, places, and ideas that highlight the geographic, religious, political,	
social, educational, economic, and scientific spheres of world societies.	
Instructional Material: Contact content director for approved instructional materials.	Grade level: 6
Prerequisites: Content Director approval needed; concurrent enrollment in Gr 6 Enhanced Social Studies	Credit(s): NA
<u>What's Next?</u> Grade 7 Enhanced ELAR	
Students will take STAAR Gr 6 Reading.	
Teachers teaching emergent bilingual students must be English and ESL certified.	

Sheltered Gr 6 ELAR Honors         As required by the state, this course goes beyond the TEKS in depth and complexity. It is vertically aligned to the Advanced Placement courses of English Language and Literature and SAT skills; and includes enrichment opportunities such as research, projects, and independent study.         Instructional Material: 0600 – Savvas myPerspective, Grade 6 (Texas Edition), Grade 6 Classroom Library (200 diverse titles)         Prerequisites: FWISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request access to our most advanced courses and have at least a provisional placement issued. There are no	0087 A/B 02800000
Instructional Material: 0600 – Savvas myPerspective, Grade 6 (Texas Edition), Grade 6 Classroom Library (200 diverse titles) Prerequisites: FWISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request	
Prerequisites: FWISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request	Grade level: 6 Credit(s): NA
prerequisite requirements that would limit this course's availability to a student with such a request. <u>What's Next?</u> Gr 7 ELAR Honors	
Students will take STAAR Gr 6 Reading. Course taught by a locally certified gifted teacher, that has attended at least one AP or LTF Summer Institute	
for the course. Teachers teaching emergent bilingual students must be English and ESL certified.	
Gr 7 ELAR	0042 A/B
Sheltered Gr 7 ELAR	0042 A/B 0085 A/B
Sheltered Gr 7 ELAR	0065 A/B
Students will engage in activities that build on their prior knowledge and skills in order to strengthen and ntegrate their reading, writing, research, listening, speaking, and oral and written language skills.	03200540
ntegrate their reading, writing, research, instening, speaking, and oral and written language skills. nstructional Material: Savvas myPerspective, Grade 7 (Texas Edition), Grade 6 Classroom Library (200 diverse titles)	Grade level: 7
Prerequisites: Gr 6 ELAR	Credit(s): NA
<u>What's Next?</u> Gr 8 ELAR (or Honors) or Honors English I Students will take STAAR Gr 7 Reading.	
eachers teaching emergent bilingual students must be English and ESL certified.	
Gr 7 Enhanced ELAR	00042 A/B
Sheltered Gr 7 Enhanced ELAR	00085 A/B
(Humanities)	02242000
This Enhanced course follows the 7th grade ELAR and 7th grade Social Studies TEKS while providing an enhanced curriculum. This course is an interdisciplinary study where students will explore the dynamic relationship between humans and the institutions of Texas history from 1519 to present day. Emphasis is placed on using primary, secondary, and literary sources that examine the human experience with particular attention n to issues of race, class, and gender as they encounter the geographic, religious, political, social, educational, economic, and scientific forces of the time period.	03343000
nstructional Material: Contact content director for approved instructional materials.	Grade level: 7
Prerequisites: Content Director approval needed; concurrent enrollment in Gr 7 Enhanced Social Studies What's Next? Grade 8 Enhanced ELAR	Credit(s): NA
Students will take STAAR Gr 7 Reading.	
Teachers teaching emergent bilingual students must be English and ESL certified.	
Gr 7 ELAR Honors	0019 A/B
Sheltered Gr 7 ELAR Honors	00857 A/B
As required by the state, this course goes beyond the TEKS in depth and complexity. It is vertically aligned to the Advanced Placement courses of English Language and Literature and SAT skills; and includes enrichment opportunities such as research, projects, and independent study.	03200540
nstructional Material: Savvas myPerspective, Grade 7 (Texas Edition), Grade 6 Classroom Library (200 diverse titles) Additional resources available through required attendance at least 1 AP or LTF summer institute. Prerequisites: FWISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request	Grade level: 7 Credit(s): NA
access to our most advanced courses and have at least a provisional placement issued. There are no prerequisite requirements that would limit this course's availability to a student with such a request. <u>What's Next?</u> Gr 8 ELAR Honors or Honors English I Students will take STAAR Gr 7 Reading.	
Course taught by locally certified gifted teacher, that has attended at least one AP or LTF Summer Institute for the course. Feachers teaching emergent bilingual students must be English and ESL certified.	
Gr 8 ELAR Sheltered Gr 8 ELAR	0043 A/B 0086 A/B
Sheltered Gr 8 ELAR - NP	0066 A/B
Students will engage in activities that build on their prior knowledge and skills in order to strengthen and ntegrate their reading, writing, research, listening, speaking, and oral and written language skills.	03200550
<u>nstructional Material:</u> 0800 – Savvas myPerspective, Grade 8 (Texas Edition), Grade 6 Classroom Library (200 Iiverse titles)	Grade level: 8 Credit(s): NA
<u>Prereauisites:</u> Gr 7 ELAR	

Humanities) his Enhanced course follows the 8th grade ELAR and 8th grade Social Studies TEKS while providing an enhanced urriculum. This course is an interdisciplinary study where students will explore the dynamic relationship between umans and the institutions of U.S. history from 1607 to 1877. Emphasis is placed on using primary, secondary, ind literary sources that examine the human experience with particular attention to issues of race, class, and ender as they encounter the geographic, religious, political, social, educational, economic, and scientific forces o he time period. <a href="https://www.sciencet.org">https://www.sciencet.org</a> <a href="https://www.sciencet.org">https://www.sciencet.org</a> <a href="https://www.sciencet.org">https://www.sciencet.org</a> <a href="https://www.sciencet.org">https://www.sciencet.org</a> Structional Material: Contact content director for approved instructional materials.       Terrequisites: Content Director approval needed; concurrent enrollment in Gr 8 Enhanced Social Studies       Yhat's Next? English I or II; Honors English I or II       tudents will take STAAR Gr 8 Reading.       eachers teaching emergent bilingual students must be English and ESL certified.       if 8 ELAR Honors       is required by the state, this course goes beyond the TEKS in depth and complexity. It is vertically aligned to the       dyacated Placement courses of English Language and Literature and SAT skills; and includes enrichment       pportunities such as research, projects, and independent study.       histructional Material; 0800 – Savvas myPerspective, Grade 8 (Texas Edition), Grade 6 Classroom Library (200       iverse titles); ThinkCERCA Supplemental Resource       diditional resources available through required attendance at least 1 AP or LTF summer institute.       rerequisites: FNISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can re	03200550 Grade level: 8 Credit(s): NA 0025 A/B 00868 A/B 03200550 Grade level: 8 Credit(s): NA
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nstructional Material: 0800 – Savvas myPerspective, Grade 8 (Texas Edition), Grade 6 Classroom Library (200 iverse titles); ThinkCERCA Supplemental Resource additional resources available through required attendance at least 1 AP or LTF summer institute. rerequisites: FWISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request ccess to our most advanced courses and have at least a provisional placement issued. There are no prerequisite equirements that would limit this course's availability to a student with such a request. <u>Vhat's Next?</u> English I Honors tudents will take STAAR Gr 8 Reading. Course taught by locally certified gifted teacher that has attended at least ne AP or LTF Summer Institute for the course. eachers teaching emergent bilingual students must be English and ESL certified.	
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additional resources available through required attendance at least 1 AP or LTF summer institute. <u>rerequisites:</u> FWISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request ccess to our most advanced courses and have at least a provisional placement issued. There are no prerequisite equirements that would limit this course's availability to a student with such a request. <u>Vhat's Next?</u> English I Honors tudents will take STAAR Gr 8 Reading. Course taught by locally certified gifted teacher that has attended at least ne AP or LTF Summer Institute for the course. eachers teaching emergent bilingual students must be English and ESL certified.	
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ne AP or LTF Summer Institute for the course. eachers teaching emergent bilingual students must be English and ESL certified.	
eachers teaching emergent bilingual students must be English and ESL certified.	
lonors English I	3090 A/B
heltered Honors English I	3089 A/B
is required by the state, this course goes beyond the TEKS in depth and complexity and is a high school level ourse of study. It is vertically aligned to the Advanced Placement courses of English Language and Literature and the Advanced Placement courses of English Language and Literature and the Advanced Placement courses of English Language and Literature and the Advanced Placement courses of English Language and Literature and the Advanced Placement courses of English Language and Literature and the Advanced Placement courses of English Language and Literature and the Advanced Placement courses of English Language and Literature and the Advanced Placement courses of English Language and Literature and	03220100
AT skills; and includes enrichment opportunities such as research, projects, and independent study.	Creade Javada 0
nstructional Material: 1019 – Holt McDougal Language of Literature Texas, Grade 9, Holt McDougal, a division of Joughton Mifflin Harcourt Publishing Company, ISBN: 9780547115788; McGraw Hill Study Sync, Grade 9;	Grade level: 8 Credit(s): 1
hinkCERCA Supplemental Resource	creat(s). T
rerequisites: FWISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request	
ccess to our most advanced courses and have at least a provisional placement issued. There are no prerequisite	
equirements that would limit this course's availability to a student with such a request.	
Vhat's Next? English II (or Honors)	
IIGH SCHOOL CREDIT AVAILABLE	
tudents will take the English I EOC.	
ourse taught by locally certified gifted teacher that has attended at least one AP or LTF Summer Institute for the	
ourse.	
eachers teaching emergent bilingual students must be English and ESL certified.	
panish Language Arts & Reading	0107 A/B
his course reflects language arts standards that are authentic to the Spanish language and to Spanish literacy.	03210520
his course will develop in the student's vocabulary and language skills needed to function on a totally biliterate	
nd bilingual level and continue to develop cognitive skills and metacognitive processes already begun in	
lementary programs. This course provides instruction to develop essential vocabulary and language skills based	
pon Spanish Language Arts TEKS.	
pon Spanish Language Arts TEKS. <u>nstructional Material:</u> Contact Content Director	Grade level: 6
	Grade level: 6 Credit(s): NA

Teachers teaching emergent bilingual students must be bilingual certified.

6 <sup>th</sup> Grade Sheltered Reading AB	0280 A/B
his course focuses on improved reading comprehension strategies, which emphasizes focused, skill-building nstruction. Students will engage in activities that build on their prior knowledge and skills in order to strengthen	02810000
nd integrate their reading, writing, listening, speaking, and oral and written language skills.	
nstructional Material: Goudvis & Harvey's Reading Comprehension Toolkit, classroom, and campus library. For	Grade level: 6
nstructional material(s) that are not state adopted, contact content director.	Credit(s): NA
Prerequisites: N/A	
<u>Vhat's Next?</u> Sheltered Reading, Grade 7 AB	
eachers teaching emergent bilingual students must be ESL certified.	
<sup>th</sup> Grade Structured Literacy AB	0298 A/B
<sup>th</sup> Grade Sheltered Structured Literacy AB	0299 A/B
ncludes targeted intervention strategies. This course focuses on building foundational reading skills to improve eading comprehension. Structured literacy explicitly teaches and emphasizes knowledge of words/word parts,	02810000
rocabulary, reading fluency, and comprehension. This class is <b>mandatory</b> for students who are at or below 25th percentile on NWEA MAP Growth. Campuses must follow the provided lesson structure for the course and may	
not schedule as a separate literacy course or "support" class. This is not a stand-alone course and is not designed	
o replace the regular ELAR course. Structured literacy must be double blocked with the regular ELAR class.	
Naximum enrollment for this course is twenty-five (25) students. If there are more students in need of the course	
han scheduling permits, then students should be tiered and appropriate intervention plans must be developed	
or students who are not assigned to the course. Contact Executive Director of Humanities for scheduling issistance.	
NOTE: These courses are <u>not</u> stand-alone literacy courses and are <u>not</u> designed to replace the regular	
iteracy course. Courses can only be used for double blocking purposes.	
nstructional Material: Instructional Material: Savvas "My Perspectives" and ThinkCERCA	Grade level: 6
Prerequisites: This course is Mandatory for students who are at or below 25 <sup>th</sup> percentile on NWEA MAP Growth	Credit(s): NA
<u>Vhaťs Next?</u> N/A	
eachers teaching emergent bilingual students must be ESL certified.	
<sup>rth</sup> Grade Sheltered Reading AB	0283 A/B
his course focuses on reading comprehension strategies, which emphasizes focused, skill building instruction.	03273440
tudents will engage in activities that build on their prior knowledge and skills in order to strengthen and	
ntegrate their reading, writing, listening, speaking, and oral and written language skills.	
nstructional Material: For instructional material(s) that are not state adopted, contact Literacy Director.	Grade level: 7
Prerequisites: None	Credit(s): NA
<u>Vhat's Next?</u> Sheltered Reading, Grade 8 AB	
eachers teaching emergent bilingual students must be ESL certified.	
7th Grade Structured Literacy AB	0260 A/B
<sup>th</sup> Grade Sheltered Structured Literacy AB	0262 A/B
ncludes targeted intervention strategies. This course focuses on building foundational reading skills to improve	03273420
eading comprehension. Structured literacy explicitly teaches and emphasizes knowledge of words/word parts,	
rocabulary, reading fluency, and comprehension. This class is <b>mandatory</b> for students who are at or below 25th	
percentile on NWEA MAP Growth. Campuses must follow the provided lesson structure for the course and may	
not schedule as a separate literacy course or "support" class. This is not a stand-alone course and is not designed	
o replace the regular ELAR course. Structured literacy must be double blocked with the regular ELAR class.	
Aaximum enrollment for this course is twenty-five (25) students. If there are more students in need of the course	
han scheduling permits, then students should be tiered and appropriate intervention plans must be developed	
or students who are not assigned to the course. Contact Executive Director of Humanities for scheduling	
issistance. <b>IOTE: These courses are <u>not</u> stand-alone literacy courses and are <u>not</u> designed to replace the regular</b>	
iteracy courses. Courses can only be used for double blocking purposes.	
nstructional Material: Instructional Material: Savvas "My Perspectives" and ThinkCERCA	Grade level: 7
Prerequisites: This course is Mandatory for students who are at or below 25 <sup>th</sup> percentile on NWEA MAP Growth	Credit(s): NA
Vhaťs Next? N/A	
eachers teaching emergent bilingual students must be ESL certified.	
<sup>3th</sup> Grade Sheltered Reading AB	0288 A/B
This course focuses on improved reading comprehension strategies, which emphasizes focused, skill building	03273450

Instructional Material: For instructional material(s) that are not state adopted, Contact Literacy Director.	Grade level: 8
<u>Prerequisites:</u> None	Credit(s): NA
What's Next? English I A/B and Reading Improvement IA/B	
Teachers teaching EL students must be ESL certified.	
6 <sup>th</sup> Grade Reading for Identified Dyslexic Students AB	0295 A/B
7 <sup>th</sup> Grade Reading for Identified Dyslexic Students AB	0296 A/B
8 <sup>th</sup> Grade Reading for Identified Dyslexic Students AB	0297 A/B
This course provides an intense phonetic analysis of written language for students identified with dyslexia.	02810000
Students will participate in a researched based Literacy Program including explicitly structured, multisensory,	03273440
sequential and cumulative lessons. These are aligned with components of instruction for students identified with	03273450
dyslexia as well as the TEKS. The recommended class size is no more than 6 students.	
Instructional Material: No state adopted instructional material(s); locally determined instructional material(s)	Grade level: 6-8
provided for identified dyslexic students by FWISD Dyslexia Services office.	Credit(s): NA
Prerequisites: Students must be identified with dyslexia through the FWISD Dyslexia Services office, and must be	
cleared to participate in this class by FWISD Dyslexia Services staff. Due to House Bill 5, careful consideration must	
be made to prevent pulling students from Career and Technical education courses leading to an endorsement.	
<u>What's Next?</u> N/A	
8 <sup>th</sup> Grade Structured Literacy AB	0251 A/B
8 <sup>th</sup> Grade Sheltered Structured Literacy AB	0253 A/B
This course includes targeted intervention strategies and focuses on building foundational reading skills such as	03273430
reading comprehension, knowledge of words and word parts, vocabulary, and fluency. This class is <b>mandatory</b> for	
students who are at or below 25th percentile on NWEA MAP Growth. Campuses must follow the provided lesson	
structure for the course and may not schedule as a separate literacy course or "support" class. This is not a stand-	
alone course and is not designed to replace the regular ELAR course. Structured literacy must be double blocked	
with the regular ELAR class. Maximum enrollment for this course is twenty-five (25) students. If there are more	
students in need of the course than scheduling permits, then students should be tiered and appropriate	
intervention plans must be developed for students who are not assigned to the course. Contact Executive Director	
of Humanities for scheduling assistance.	
NOTE: These courses are not stand-alone literacy courses and are not designed to replace the regular	
literacy course. Courses can only be used for double blocking purposes.	
Instructional Material: Savvas "My Perspectives" and ThinkCERCA	Grade level: 8
Prerequisites: This course is Mandatory for students who are at or below 25 <sup>th</sup> percentile on NWEA MAP Growth What's Next? N/A	Credit(s): NA

Teachers teaching emergent bilingual students must be ESL certified.

#### **Overview Information: Middle School**

The courses described in this section of Bulletin 100 are those which Fort Worth ISD offers to address the needs of EB\* students at various levels of English proficiency and academic need. The courses comply with state law requirements included in...

- 19 TAC Chapter 89: Bilingual/ESL program requirements and
- TAC Chapter 74.4: Curriculum Requirements, English Language Proficiency Standards

The Language Proficiency Assessment Committee (LPAC) at each campus is responsible for ensuring that all EBs are placed in appropriate programs and for monitoring student performance throughout the year.

#### Key Information about FWISD Program Designs

Fort Worth ISD offers two broad types of programs for secondary EBs:

 <u>Newcomer Programs</u> (includes INA and Language Centers at Daggett, Rosemont, Leonard, Meadowbrook, Riverside, Meacham, Jacquet, Morningside and William James Middle Schools)

These programs are for recent-immigrant students. The programs provide specialized ESL/ESOL and reading courses, other English "support" courses, and sheltered core content-area courses in which extensive scaffolding and linguistic accommodations as well as special materials are used. Most students are at the beginning or intermediate levels of English proficiency. Students are generally scheduled into homogeneous Newcomer Program classes but may, in some instances, be cluster-scheduled<sup>†</sup> into regular "stacked" content- area classes and identified according to the course numbers shown in this section of the course catalog. Newcomer Program courses are offered on only a few designated campuses.

• ESL These programs are for EB students who are not identified as Newcomers and have been in U.S. schools for 3+ years. Due to their time spent in U.S. schools, these students have reached a high enough level of language proficiency and academic achievement to be mainstream classrooms with scaffolded supports to continue meeting their unique needs for language acquisition. EBs receiving ESL services may be scheduled in Sheltered courses that may comprise of Sheltered English and reading courses as well as sheltered core content-area courses in which some degree of scaffolding and linguistic accommodations are provided. Most students demonstrate high intermediate to advanced levels of English proficiency. Students are to be cluster-scheduled<sup>o</sup> into regular "stacked" content-area classes and identified according to the course numbers shown in this section of the course catalog. Sheltered courses are offered in some form on all campuses.

<u>Middle School</u>: At middle school, the program is referred to as <u>Transition ESL</u>, and the ELA/R courses are called <u>ESL</u>, an integrated block course encompassing all language domains (Listening, Speaking, Reading and Writing). Teachers teaching the courses must be ESL certified.

\*EB = Emergent bilingual is a term used here to refer to students:

- who come from homes where languages other than English are used <u>and</u>
- who are assessed through state tests to be less than proficient in listening, speaking, reading, or writing English.

<sup>†</sup>**Cluster-scheduled** = scheduling students in groups (not to exceed 50% of a class) into regular "stacked" classes, keeping the number of teachers assigned to the lowest number needed to provide quality programs. These instructional settings should not result in having clusters of EB students and clusters of special education students in the same classroom.

#### **Sheltered Course Overview Chart**

#### The term *sheltered* is only used to assist in appropriate scheduling of EB students. These names appear in *Bulletin 100* and the *Course Catalog*, but the term *sheltered* will not be used on grade cards.

Newcomer Prog	Iram		Transition ESL Students			
Course	#	Setting	Course	#	Setting	
Grade 6			Grade 6			
ESL-NP	0064		ESL/TR	0084		
ESL Lab-NP	0058	Homogeneous	ESL Lab-TR	0082	Students to be	
Sheltered Math-NP	0192	within grade	Sheltered Honors English	0087	scheduled in	
Sheltered Science-NP	0308	preferred; or in clusters	Sheltered Math	0193	clusters into	
Sheltered Social Studies-NP	0328	with transition	Sheltered Honors Math	0194	"stacked" classes	
		and/or regular program	Sheltered Honors Accelerated	02056	with regular	
		students.	Math		program students (or, if ESL Lab, in	
		stadents.	Sheltered Science	0310	homogeneous	
			Sheltered Honors Science	0321		
			Sheltered Social Studies	0330	settings).	
			Sheltered Honors Social Studies	0350		
Grade 7			Grade 7: Honors Grade 7 course added to the regular sheltered c	s have an a ourse num	additional "7" ber.	
ELLA 7	0572		ESL/TR	0085		
ESL Lab-NP	0060	Homogeneous	ESL Lab-TR	0083	Students to be	
Sheltered Math-NP	0195	within grade preferred;	Sheltered Honors English	00857	scheduled in clusters into	
Sheltered Science-NP	0312	or in clusters	Sheltered Math	0197	"stacked" classes	
Sheltered Social Studies-NP	0332	with transition	Sheltered Honors Math	01977	with regular	
		and/or regular	Sheltered Science	0314	program students	
		program students.	Sheltered Honors Science	03147	(or, if ESL Lab, in	
		students.	Sheltered Social Studies	0333	homogeneous	
			Sheltered Honors Social Studies	03337	settings).	
Grade 8			Grade 8: Honors Grade 8 course added to the regular sheltered c	s have an a ourse num	additional "8" ber.	
ELLA 8	0573		ESL/TR	0086		
ESL Lab-NP	0062	Homogeneous	ESL Lab-TR	0088	Students to be	
Sheltered Math-NP	0198	within grade preferred;	Sheltered Honors English, Gr. 8	00868	scheduled in	
Sheltered Science-NP	0320	or in clusters	Sheltered Honors English I (HS#)	3089	clusters into "stacked" classes	
Sheltered Social Studies-NP	0335	with transition	Sheltered Math	0199	with regular	
		and/or regular	ShelteredPre-Algebra	01998	program	
		program students.	Sheltered Honors Algebra (HS#)	7047	students (or, if	
		students.	Sheltered Science	0322	ESL lab, in homogeneous	
			Sheltered Honors Science	03228	settings.)	
			Sheltered Honors Biology (HS#)	7576	sectings./	
			Sheltered Social Studies	0338		
			Sheltered Honors Social Studies	03388		
			<ul> <li>Note:</li> <li>ELAR teacher(s) must be content of Math, Science, Social Studies teac instruction training as determined</li> </ul>	her(s) must l	have annual EB	
classes provide	, keeping e quality p s of EB stu	the number of tead programs. These ins	to exceed 50% of a class) into regula chers assigned to the lowest number structional settings should not result of special education students in the	needed to in having		

#### English Learners Language Arts (ELLA) Courses

These courses are based on grade-level ELLA TEKS and the ELPS (English Language Proficiency Standards). Instruction is accommodated to meet the needs of students in various proficiency levels. These courses are only available at INA and Language Centers serving middle school grades.

The essential knowledge and skills as well as the student expectations for English Learners Language Arts (ELLA), Grade 7 are described in §74.4 of this title (relating to English Language Proficiency Standards) as well as subsection (b) of this section and are aligned to the knowledge and skills and student expectations in Chapter 110 of this title (relating to Texas Essential Knowledge and Skills for English Language Arts and Reading) with additional expectations for English language learners (ELLs).

English Learners Language Arts (ELLA), Grade 7 may be substituted for English Language Arts and Reading, Grade 7. All expectations apply to English Learners Language Arts (ELLA), Grade 7 students; however, it is imperative to recognize critical processes and features of second language acquisition and to provide appropriate instruction to enable students to meet these standards. This course must be paired with an ESL Lab course for additional language acquisition.

#### 0572A/B-ELLA 7, Grade 7AB

#### PEIMS Number: 03200531

#### Textbook(s): No state-adopted textbooks/District created curriculum

The essential knowledge and skills as well as the student expectations for English Learners Language Arts (ELLA), Grade 8 are described in §74.4 of this title (relating to English Language Proficiency Standards) as well as subsection (b) of this section and are aligned to the knowledge and skills and student expectations in Chapter 110 of this title (relating to Texas Essential Knowledge and Skills for English Language Arts and Reading) with additional expectations for English language learners (ELLs).

English Learners Language Arts (ELLA), Grade 8 may be substituted for English Language Arts and Reading, Grade 8. All expectations apply to English Learners Language Arts (ELLA), Grade 8 students; however, it is imperative to recognize critical processes and features of second language acquisition and to provide appropriate instruction to enable students to meet these standards. This course must be paired with an ESL Lab for additional language acquisition.

#### 0573A/B-ELLA 8, Grade 8AB

#### PEIMS Number: 03200532

Textbook(s): No state-adopted textbooks/District created curriculum

#### English as a Second Language (ESL) Courses

The following courses are considered the "state-required ESL" courses; special state-adopted ESL resources are provided for these courses.

Newcomer Program		1	ransition ESL Courses
0064A/B	ESL, Grade 6	0084A/B	ESL/TR, Grade 6
0572	ELLA, Grade 7	0085A/B	ESL/TR, Grade 7
0573	ELLA, Grade 8	0086A/B	ESL/TR, Grade 8

PEIMS Number: 03210530/6<sup>th</sup>Grade **Textbook(s):** Pearson's myPerspective, Grade 6 (Texas Edition), Grade 6 Classroom Library (200 diverse titles)

PEIMS Number: 03200400/7<sup>th</sup> Grade **Textbook(s):** Pearson's myPerspective, Grade 7 (Texas Edition), Grade 6 Classroom Library (200 diverse titles)

PEIMS Number: 03200500/8<sup>th</sup>Grade **Textbook(s):** Pearson's myPerspective, Grade 8 (Texas Edition), Grade 6 Classroom Library (200 diverse titles)

Prerequisite: None Grade Placement: 6 – 8

These courses are based on grade-level ELAR TEKS and the ELPS (English Language Proficiency Standards). Instruction is accommodated for the proficiency level of the students (beginning-level EBs at INA and intermediate-/advanced-level EBs at the middle school Language Centers.)

0058A/B-ESL Lab-NP, Grade 6AB 0082A/B-ESL Lab-TR, Grade 6AB PEIMS Number: 03210530 Textbook(s): No state-adopted textbooks/contact Director

0060A/B-ESL Lab-NP, Grade 7AB 0083A/B-ESL Lab-TR, Grade 7AB PEIMS Number: 03200400 Textbook(s): No state-adopted textbooks/contact Director

0062A/B-ESL Lab-NP, Grade 8AB 0088A/B-ESL Lab-TR, Grade 8AB PEIMS Number: 03200500 Textbook(s): No state-adopted textbooks/contact Director

Prerequisite: None Grade Placement: 6 – 8

The ESL labs are elective credits based upon the Grades 6-8 ELAR TEKS as modified for ESL. The three NP labs are for students in the International Newcomer Academy and Language Centers and must be paired with ESL 6 and/or ELLA 7 or ELLA 8. The three TR labs are specifically for long-term EB students who are a part of the Transition ESL program based on LPAC recommendation. The labs focus on developing academic language and on developing student skill in listening, speaking, reading and writing text, in math or in other content areas, with the TR labs intensively focusing on academic language and discourse patterns. Students receive elective credit for ESL Lab at the appropriate grade level.

#### Sheltered Mathematics, Science, and Social Studies Courses

EBs are expected to attain the same academic standards as all other students in content-area courses. However, to be successful, EBs must receive instruction that is "sheltered" according to their level of English proficiency and academic need. "Sheltering" means that the teacher...

- knows exactly who the EBs are and what their language and academic needs are and
- teaches grade-level content but consistently and intentionally integrates the English Language Proficiency Standards (ELPS) and uses scaffolded interactive language development strategies to support the students **and**
- enables them to acquire academic language and learn the academic content.

Campuses are to use the course numbers for the sheltered core-area courses included in this section of *Bulletin 100* in scheduling EBs into Newcomer Program or Transition ESL content courses to ensure (1) that the students are properly scheduled and (2) that teachers provide the appropriate language/content support ("sheltering") in instruction.

See MATHEMATICS, SCIENCE, or SOCIAL STUDIES sections for full descriptions, course numbers, and PEIMS numbers for the various content-area courses. See previous Course Overview chart for "quick read" information.

# Special Education

#### TEKS-BASED COURSE GUIDE FOR MIDDLE SCHOOL SPECIAL EDUCATION PROGRAM Correlation Chart of Middle School General Education Courses and Special Education Courses

Middle School	Course #'s	General Education Course Titles	Special Education Course #'s	Special Education for Substitution in A R D	Special Education Course #	Special Education Title/Name
English Language Arts	0041	English Language Arts, Grade 6 A/B	0051	Basic English Language Arts, Grade 6 A/B	0029 A/B	English Language Arts Grade 6 ALT AB
	0042	English Language Arts, Grade 7 A/B	0052	Basic English Language Arts, Grade 7 A/B	0031 A/B	English Language Arts Grade 7 ALT AB
	0043	English Language Arts, Grade 8 A/B	0053	Basic English Language Arts, Grade 8 A/B	0033 A/B	English Language Arts Grade 8 ALT AB
Mathematics	0200	Mathematics, Grade 6 A/B	0214	Basic Mathematics, Grade 6 A/B	0213 A/B	Mathematics Grade 6 ALT AB
	0202	Mathematics, Grade 7 A/B	0216	Basic Mathematics, Grade 7 A/B	0215 A/B	Mathematics Grade 7 ALT AB
	0203	Mathematics, Grade 8 A/B	0218	Basic Mathematics, Grade 8 A/B	0217 A/B	Mathematics Grade 8 ALT AB
Science	0300	Science, Grade 6 A/B	0316	Basic Science, Grade 6 A/B	0307 A/B	Science Grade 6 ALT AB
	0304	Science, Grade 7 A/B	0317	Basic Science, Grade 7 A/B	0309 A/B	Science Grade 7 ALT AB
	0305	Science, Grade 8 A/B	0318	Basic Science, Grade 8 A/B	0311 A/B	Science Grade 8 ALT AB
Social Studies	0331	Social Studies, Grade 6 A/B	0346	Basic Social Studies, Grade 6 A/B	0339 A/B	Social Studies Grade 6 ALT AB
	0336	Social Studies, Grade 7 A/B	0347	Basic Social Studies, Grade 7 A/B	0340 A/B	Social Studies Grade 7 ALT AB
	0337	Social Studies, Grade 8 A/B	0348	Basic Social Studies, Grade 8 A/B	0343 A/B	Social Studies Grade 8 ALT AB
Health					0155AB 0157AB	Personal Health/ Hygiene I Personal Health/ Hygiene I
					0159 AB	Personal Health/ Hygiene I
Physical Education	0174	Moving to Wellness, Grade 6 A/B				
	0172	Physical Education, Grade 7 A/B				
	0173	Physical Education, Grade 8 A/B				

The following courses are offered to those students who require a curriculum for instruction that is TEKSbased. The ARD Committee determines that a student's level of mastery of the TEKS for a subject area will be different than the expectations for the general population. The ARD Committee will specify the content the student is expected to master. The content should be related to the post-secondary goals of the student. The modified content expectations, goals, and objectives are clearly articulated in the student's Individual Education Plan (IEP) including accommodations for providing appropriate instruction and accommodations for measuring mastery. Decisions regarding enrollment are made by the ARD Committee.

State textbooks for students with special needs are available at the campus level. The Special Education Resource Service (SERS) is a center which can be contacted to access supplementary curricula if needed to meet students' individual needs. SERS staff can be reached by calling 817.815.5490.

#### 0051A/B—Basic English Language Arts, Grade 6AB

Prerequisite: English recommended by the ARD Committee as a special education course and incorporated into the ARD schedule of services. Grade Placement: 6

Coursework taken in lieu of general education English #0041. Instruction is provided at the student's enrolled grade level, in a Special Education setting with modification of TEKS, as determined by the ARD Committee.

#### 0052A/B—Basic English Language Arts, Grade 7AB

Prerequisite: English recommended by the ARD Committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 7

Coursework taken in lieu of general education English #0042. Instruction is provided at the student's enrolled grade level, in a Special Education setting with modification of TEKS, as determined by the ARD Committee.

#### 0053A/B—Basic English Language Arts, Grade 8AB

Prerequisite: English recommended by the ARD Committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 8

Coursework taken in lieu of general education English #0043. Instruction is provided at the student's enrolled grade level, in a Special Education setting with modification of TEKS, as determined by the ARD Committee.

#### 0214A/B—Basic Mathematics, Grade 6AB

Prerequisite: Mathematics recommended by the ARD Committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 6

Coursework taken in lieu of general education Mathematics #0200. Instruction is provided at the student's enrolled grade level, in a Special Education setting with modification of TEKS, as determined by the ARD Committee.

#### 0216A/B—Basic Mathematics, Grade 7AB

Prerequisite: Mathematics recommended by the ARD Committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 7

Coursework taken in lieu of general education Mathematics #0202. Instruction is provided at the student's enrolled grade level, in a Special Education setting with modification of TEKS, as determined by the ARD Committee.

#### 0218A/B—Basic Mathematics, Grade 8AB

Prerequisite: Mathematics recommended by the ARD Committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 8

Coursework taken in lieu of general education Mathematics #0203. Instruction is provided at the student's enrolled grade level, in a Special Education setting with modification of TEKS, as determined by the ARD Committee.

#### 0316A/B—Basic Science, Grade 6AB

Prerequisite: Science recommended by the ARD Committee as a special education course and incorporated into the ARD schedule of services. Grade Placement: 6

Coursework taken in lieu of general education Science #0300. Instruction is provided at the student's enrolled grade level, in a Special Education setting with modification of TEKS, as determined by the ARD Committee.

#### 0317A/B—Basic Science, Grade 7AB

Prerequisite: Science recommended by the ARD Committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 7

Coursework taken in lieu of general education Science #0304. Instruction is provided at the student's enrolled grade level, in a Special Education setting with modification of TEKS, as determined by the ARD Committee.

#### 0318A/B—Basic Science, Grade 8AB

Prerequisite: Science recommended by the ARD Committee as a special education course and incorporated into the ARD schedule of services. Grade Placement: 8

Coursework taken in lieu of general education Science #0305. Instruction is provided at the student's enrolled grade level, in a Special Education setting with modification of TEKS, as determined by the ARD Committee

#### 0346A/B—Basic Social Studies, Grade 6AB

Prerequisite: Social Studies recommended by the ARD Committee as a special education course and incorporated into The ARD schedule of Services.

Grade Placement: 6

Coursework taken in lieu of general education Social Studies #0331. Instruction is provided at the student's enrolled grade level, in a Special Education setting with modification of TEKS, as determined by the ARD Committee.

#### 0347A/B—Basic Social Studies, Grade 7AB

Prerequisite: Social Studies recommended by the ARD Committee as a special education course and incorporated into the ARD schedule of services. Grade Placement: 7

Coursework taken in lieu of general education Social Studies #0336. Instruction is provided at the student's enrolled grade level, in a Special Education setting with modification of TEKS, as determined by the ARD Committee.

#### 0348A/B—Basic Social Studies, Grade 8AB

Prerequisite: Social Studies recommended by the ARD Committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 8

Coursework taken in lieu of general education Social Studies #0337. Instruction is provided at the student's enrolled grade level, in a Special Education setting with modification of TEKS, as determined by the ARD Committee.

#### SPECIAL EDUCATION SIGNIFICANTLY MODIFIED CURRICULUM

#### (Functional/Life Skills)

The following courses are offered to those students who require a significantly modified curriculum for instruction in any or all of the instructional areas. These courses are designed for students' focus on academics, functional, and life-skills and should relate to the post-secondary goals of the student. Decisions regarding enrollment are made by the ARD committee.

State textbooks for students with special needs are available at the campus level. The Special Education Resource Service (SERS) is a center which can be contacted to access supplementary curricula, if needed to meet students' individual needs. SERS staff can be reached by calling 817.815.5490.

#### 0029A/B – English Language Arts Grade 6 ALT AB 0031A/B - English Language Arts Grade 7 ALT AB

0033A/B - English Language Arts Grade 8 ALT AB

Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee as a special education course and incorporated into the ARD schedule of services. Grade Placement: 6 - 8 Credits: 1 – 3

Communication coursework addresses basic functional skills in English that are necessary for daily living. These courses are to be taken in lieu of English 6-8 and/or Basic English 6-8.

#### 0213A/B – Mathematics Grade 6 ALT AB 0215A/B - Mathematics Grade 7ALT AB

#### 0217A/B - Mathematics Grade 7 ALT AB

Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 6 - 8 Credits: 1 – 3

Basic functional skills in mathematics that are necessary for daily living are addressed. These courses are to be taken in lieu of Mathematics 6-8 and/or Basic Mathematics 6-8.

#### 0276A/B - Reading Strategies and Skills IAB 0277A/B - Reading Strategies and Skills IIAB 0278A/B - Reading Strategies and Skills IIIAB

Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee as a special education course and incorporated into the ARD schedule of services. Grade Placement: 6 - 8 Credits: 1 – 3

Basic strategies and skills that are necessary for word recognition and reading comprehension are taught. These courses are to be taken in lieu of Reading 6-8 and/or Basic Reading 6-8.

0307A/B – Science Grade 6 ALT AB 0309A/B – Science Grade 7 ALT AB 0311A/B – Science Grade 8 ALT AB Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee as a special education course and incorporated into the ARD schedule of services. Grade Placement: 6 - 8 Credits: 1 – 3

Basic science concepts that are necessary for daily living are addressed. These courses are to be taken in lieu of Science 6-8 and/or Basic Science 6-8.

0339A/B – Social Studies Grade 6 ALT AB 0340A/B – Social Studies Grade 7 ALT AB 0343A/B - Social Studies Grade 8 ALT AB

Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee as a special education course.

Grade Placement: 6 - 8 Credits: 1 – 3

Basic social studies concepts that are necessary for daily living are addressed. These courses are to be taken in lieu of Social Studies 6-8 and/or Basic Social Studies 6-8.

#### 0155A/B - Personal Health/Hygiene IAB

0157A/B - Personal Health/Hygiene IIAB

#### 0159A/B - Personal Health/Hygiene IIIAB

Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee as a special education course incorporated into the ARD schedule of services. Grade Placement: 6 - 8 Credits: 1 - 3

Basic skills that are necessary to maintain health and personal hygiene are addressed. These courses are to be taken in lieu of Health 6-8 and/or Basic Health` 6-8.

#### 0785A/B - Community Skills IAB 0787A/B - Community Skills IIAB 0789A/B - Community Skills IIIAB Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee as a Special Education Elective course and incorporated into the ARD schedule of services. Grade Placement: 6 - 8 Credits: 1 – 3

Critical skills necessary for independent functioning in a variety of community environments are addressed.

#### 0779A/B — Activities of Daily Living IAB 0781A/B — Activities of Daily Living IIAB 0783A/B — Activities of Daily Living IIIAB

Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee as a Special Education Elective course and incorporated into the ARD schedule of services. Grade Placement: 6 - 8 Credits: 1 - 3

Self-help skills necessary for success in life are addressed.

# 0773A/B — Recreation/Leisure IAB 0775A/B — Recreation/Leisure IIAB 0777A/B — Recreation/Leisure IIIAB Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee as a Special Education Elective course and incorporated into the ARD schedule of services. Grade Placement: 6 - 8 Credits: 1 - 3

Various skills that can be incorporated into a student's instructional program to develop or increase the ability to constructively use leisure time are addressed.

 0291A/B — Basic Reading VIAB

 0292A/B — Basic Reading VIIAB

 0293A/B — Basic Reading VIIAB

 Prerequisite: Reading recommended by the ARD Committee and reflected on ARD schedule page

 Grade Placement:
 6 - 8

 Credits:
 1

Coursework taken in lieu of general education Reading. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# **Mathematics**

# Mathematics Recommended Course Sequence and Testing Guide

	Traditional		Advanced		Accelerated	
6th	Gr 6 Math: 0200	STAAR Gr 6	Advanced Gr 6 Math: 0204	STAAR Gr 6	Accelerated Gr 6 Math: 0205	STAAR Gr 8
7th	Gr 7 Math: 0202	STAAR Gr 7	Advanced Gr 7 Math: 0207	STAAR Gr 8	Honors Algebra I: 7055	Alg I EOC
8th	Gr 8 Math: 0203	STAAR Gr 8	Honors Algebra I: 7055	Alg I EOC	Honors Geometry: 7073	STAAR Gr 8
9th	Algebra I: 7051	Alg I EOC	Honors Geometry: 7073	PSAT	Honors Algebra II: 7057 or OnRamps College Alg: 7050	PSAT
10th	Geometry: 7071	PSAT	Honors Algebra II: 7057 or OnRamps College Alg: 7050	PSAT	Honors Precalculus: 7123 AP Precalculus or OnRamps Precalculus: 7119	PSAT SAT, ACT TSI
11th	Algebra II: 7053	ACT SAT TSI	Honors Precalculus: 7123 or OnRamps Precalculus: 7119 ACT SAT TSI AP/DC/OnRamps Math Electives or Ind Study		SAT ACT TSI	
12th	4th Math or CTE Equivalent	ACT SAT TSI	AP/DC/OnRamps Math Electives or Ind Study	Exams vary by course	AP/DC/OnRamps Math Electives or Ind Study	Exams vary by course

Gr 6 Mathematics	0200 A/B
Sheltered Gr 6 Mathematics - NP	0192 A/B
Sheltered Gr 6 Mathematics	0193 A/B
Provides instruction in concepts and skills associated with numbers, operations and computation, problem solving,	02820000
measurement, geometry, algebra, probability, statistics, and graphing. Instruction focuses on problem-solving	
strategies, manipulatives, and the appropriate use of technology.	
nstructional Material: Carnegie Learning, Texas Middle School Math Solution, Grade 6	
Prerequisites: Gr 5 Mathematics	Grade level: 6
<u>What's Next?</u> Gr 7 Mathematics	Credit(s): N/A
Students will take STAAR Gr 6 Mathematics Assessment.	
All Newcomer Program teachers must be content and ESL certified.	
Gr 6 Advanced Mathematics	0204 A/B
Sheltered Gr 6 Advanced Mathematics	0194 A/B
Establishes the foundation for success in the Advanced Placement Mathematics curriculum. Includes all of the	02820000
Grade 6 Mathematics objectives/TEKS and many of the Grade 7 Mathematics objectives/TEKS with both	
relationships between integers, exploring functions of graphs, investigating square and square roots, and writing	
and calculating simple equations and equalities from problem-solving situations. Instruction focuses on problem-	
solving strategies, hand-on activities, and using technology.	
Instructional Material: Carnegie Learning, Texas Middle School Math Solution, Accelerated Grade 6	
Prerequisites: Gr 5 Mathematics and student/family interest	Grade level: 6
What's Next? Gr 7 Advanced Mathematics	Credit(s): N/A
Students will take STAAR Gr 6 Mathematics Assessment.	

Gr 6 Accelerated Mathematics Sheltered Gr 6 Accelerated Mathematics	0205 A/B 02056 A/B
Establishes the foundation for success in the Advanced Placement curriculum: Includes all the Grade 6, 7 and 8 objectives/TEKS, Mathematics objectives with both independent and guided extension in algebraic concepts, ordering rational numbers, and investigating relationships all forms of rational numbers, exploring functions of graphs, investigating irrational numbers, solving equations and inequalities, proportional and non-proportional relationships. Instruction will focus on objectives in the Texas College and Career Readiness Standards (CCRS). Instruction will focus on applying methods to examine and solve real-world problems as preparation for success in Algebra. Instruction focuses on problem-solving strategies, hands-on activities, and using technology. This course is not available at all campuses.	03103100
Instructional Material: CollegeBoard SpringBoard, Course 1, 2, and 3 Prerequisites: Gr 5 Mathematics, student/family interest, and teacher recommendation What's Next? Honors Algebra I	Grade level: 6 Credit(s): N/A
Students will take STAAR Gr 8 Mathematics Assessment.	
Gr 7 Mathematics	0202 A/B
Sheltered Gr 7 Mathematics - NP	0195 A/B
Sheltered Gr 7 Mathematics	0197 A/B
Provides instruction in concepts and skills associated with numbers, operations with fractions, rational numbers, exponents, problem solving, measurement, geometry, algebra, probability, statistics, and graphing. Instruction focuses on the use of manipulatives, problem-solving strategies, and technology.	03103000
Instructional Material: Carnegie Learning, Texas Middle School Math Solution, Grade 7	
Prerequisites: Gr 6 Mathematics	Grade level: 7
What's Next? Gr 8 Mathematics	Credit(s): N/A
Students will take STAAR Gr 7 Mathematics Assessment.	
All Newcomer Program teachers must be content and ESL certified.	0207 A /P
Gr 7 Advanced Mathematics Sheltered Gr 7 Advanced Mathematics	0207 A/B
Sheitered Gr / Advanced Mathematics Establishes the foundation for success in the Advanced Placement Mathematics curriculum. Includes the remainder of	01977 A/B 03103000
the Grade 7 objectives/TEKS not addressed in Grade 6 Honors and all of the Grade 8 objectives/TEKS with both independent and guided extensions in the area of variable expressions, solving equations and inequalities, ration/proportions in problem-solving situations, exploring binomial operations, quadratic equations, fractions, and square roots. Instruction focuses on applying methods to examine and solve a variety of real-world problems as	03103000
preparation for success in algebra. Problem-solving technology and hands-on activities are emphasized.	
Instructional Material: Carnegie Learning, Texas Middle School Math Solution, Accelerated Grade 7 Prereguisites: Gr 6 Advanced Mathematics and student/family interest	Grade level: 7
<u>What's Next?</u> Pre-Algebra or Honors Algebra I	Credit(s): N/A
Students will take STAAR Gr 8 Mathematics Assessment.	
Gr 8 Mathematics	0203 A/B
Sheltered Gr 8 Mathematics - NP	0198 A/B
Sheltered Gr 8 Mathematics	0199 A/B
Provides instruction in concepts and skills associated with numbers, operations with rationales, problem solving, tables, measurement, geometry, probability, statistics, graphing, fractions in expressions and equations, meaning of negative numbers, pattern recognition and proportional reasoning, constructing numerical equations, attacking word problems successfully, variables, equality and inequality, operations on equations and inequalities. The primary goal is to prepare students for success in algebra. Instruction focuses on problem-solving, manipulatives, and the use of technology.	03103100
I <u>nstructional Material:</u> Carnegie Learning, Texas Middle School Math Solution, Grade 8 Prereguisites: Gr 7 Mathematics	Grade level: 8
What's Next? Algebra I	Credit(s): N/A
Students will take STAAR Gr 8 Mathematics Assessment.	
All Newcomer Program teachers must be content and ESL certified.	
Gr 8 Pre-Algebra Sheltered Gr 8 Pre-Algebra	0219 A/B 01998 A/B
Establishes the foundation for success in the high school course sequence. Includes all of the Grade 8 Mathematics objectives/TEKS with both independent and guided extensions in evaluating expressions, solving one-step equations and inequalities, solving multi-step equations and inequalities, study of functions and graphing, study of ratio, proportional reasoning, and percents, study of probability and statistics, study of geometry and measurement, applying algebra to geometric concepts, and study of monomials and polynomials. Instruction focuses on applying methods to examine and solve a variety of real-world problems as preparation for success in algebra. Problem solving, technology, and hands-on activities are emphasized.	03103100
Instructional Material: CollegeBoard SpringBoard Mathematics Course 3, College Board; ISBN: 9781457301223 Prerequisites: Gr 7 Mathematics and student/family interest What's Next? Honors Algebra I Students will take STAAR Gr 8 Mathematics Assessment.	Grade level: 8 Credit(s): N/A

Honors Algebra I Sheltered Honors Algebra I	7055 A/B 7047 A/B
Establishes the foundation for success in the Advanced Placement Mathematics curriculum. Includes all of the regular Algebra I course with extensions, both independent and guided, in the application of algebraic concepts, the analysis of the historical development of algebra, and the relationship of the major ideas of algebra and geometry. High school credit is available upon the successful completion of both semesters. Grades will not be used in the calculation of high school GPA.	03100500
nstructional Material: CollegeBoard SpringBoard Algebra I, College Board; ISBN: 9781457300394	
Prerequisites: Gr 6 Accelerated Mathematics, Gr 7 Advanced Mathematics, Pre-Algebra AB or Gr 8 Mathematics or the equivalent (90% or above on a CBE for Mathematics, Grade 8AB), STAAR/NWEA Map Scores, student grades, good attendance, and student/family interest. <u>What's Next?</u> Honors Geometry or Geometry	Grade level: 7-8 Credit(s): 1
Course taught by a locally certified gifted teacher or AP trained teacher	
Students will take STAAR Algebra I EOC. HIGH SCHOOL CREDIT AVAILABLE.	
Honors Geometry AB	7073 A/B
Sheltered Honors Geometry AB	7074 A/B
Extends and builds on the foundation for the Advanced Placement program. Includes all of regular geometry course with extensions, both independent and guided, from advanced topics. Instruction focuses on the use of higher levels of understanding, such as relationships of ideas, analysis of investigations, and predictions of results. Geometry is required for graduation.	03100700
nstructional Material: CollegeBoard SpringBoard Geometry, College Board; ISBN: 9781457300400	
Prerequisites: Algebra I or Honors Algebra I and student/family interest	Grade level: 8
What's Next? Algebra II or Honors Algebra II	Credit(s): 1
Course taught by a locally certified gifted teacher or AP trained teacher	
Students will take STAAR Gr 8 Mathematics Assessment. HIGH SCHOOL CREDIT AVAILABLE.	
Gr 6 Enhanced Mathematics AB	0201 A/B
Gr 7 Enhanced Mathematics AB	0206 A/B
Provides additional strategies and support so that students gain a foundation in mathematical thinking and reasoning. The course will strengthen mathematical concepts, relationships, and experiences. Students will use tools (including calculators), techniques, and models to develop their understanding of mathematics and to improve their ability to solve problems. A strong emphasis will be placed on the communication of mathematical ideas and	84100028 Grade level: 6 or 7 Credit(s): 0
solutions. NOTE: These courses are <u>not</u> stand-alone mathematics courses and are <u>not</u> designed to replace the	
regular math course. Courses can only be used for double blocking purposes.	
Instructional Material: No State adopted instructional material(s)/Contact Content Director Prerequisites: Previous Grade level and concurrent enrollment in Mathematics, Gr 6 or Gr 7 <u>What's Next?</u> N/A (Assignment is made by individual student's STAAR assessment scores.) Local Credit Only	
Mathematics Laboratory: Problem Solving Approach	0222 A/B
Provides an opportunity for students with a high interest in mathematics to further mathematical understanding and	84100001
knowledge through laboratory and discovery activities. Encourages students to have fun with mathematics while exploring such topics as, but not limited to, number sense patterns, modular arithmetic, points of concurrency, perfect numbers, matrix logic, unit analysis, and folding patterns, while using a variety of problem-solving techniques. Instructional Material: No State adopted textbook/Contact Content Director	
Prerequisites: None	Grade level: 8
What's Next? N/A Local Credit Only (Elective Math Course)	Credit(s): 0
Texas Pre-Freshman Engineering Program IAB	7421 A/B
Texas Pre-Freshman Engineering Program IIAB	7423 A/B
Available at Texas Wesleyan University as summer enrichment for high ability students, these courses emphasize study and research in mathematics, engineering, and computer science. Preference is given to female students and minority students who have been underrepresented in the field of engineering. This course is for state elective credit only. <b>Credit toward high school graduation will be placed on the AAR upon successful completion of both</b>	N1303752 N1303753
semesters of the course. Grades will not be calculated into high school GPA.	
nstructional Material: Materials & textbooks to be provided by participating university. Prerequisites: Average of 80 or higher in college preparatory Mathematics and teacher recommendation What's Next? N/A	Grade level: 7-8 Credit(s): 1-2

## Science

# Science Recommended Course Sequence and Testing

	Traditional		Advanced		Advanced Placement (AP) /OnRamp Dual Credit (DC)	
6 <sup>th</sup>	Gr 6 Science: 0300	None	Gr 6 Advanced Science: 0313	None	Gr 6 Advanced Science: 0313	None
7 <sup>th</sup>	Gr 7 Science: 0304	None	Gr 7 Advanced Science: 0303	STAAR Gr 8	Gr 7 Advanced Science: 0303	STAAR Gr 8
8 <sup>th</sup>	Gr 8 Science: 0305	STAAR Gr 8	Grade 8 Science: 0305 or Honors Biology: 7574	STAAR Gr 8 or Bio EOC	Honors Biology: 7574	Bio EOC
9 <sup>th</sup>	Biology: 7572 or Integrated Physics/Chemistry: 7532	Bio EOC <sup>or</sup> None	Honors Chemistry: 7594 or Honors Biology: 7574	None or Bio EOC	Honors Biology: 7574 or Honors Chemistry: 7594 or AP Physics: 7625	Bio EOC or None
10 <sup>th</sup>	Biology: 7572 or Chemistry: 7592 or Physics: 7614	Bio EOC or PSAT Exams vary by course	Honors Chemistry: 7594 <sup>or</sup> Honors Biology: 7574	Bio EOC or PSAT Exams vary by course	Honors Chemistry: 7594 or AP Physics: 7625 or Honors Biology: 7574	Bio EOC or PSAT Exams vary by course
11 <sup>th</sup>	Chemistry: 7592 or Physics: 7614	PSAT SAT ACT	AP/DC Science Elective or Advanced Science	Exams vary by course	AP/DC/OnRamps Science Elective or Advanced Science	Exams vary by course
12 <sup>th</sup>	Advanced Science or CTE Equivalent	PSAT SAT ACT	AP/DC/OnRamps Science Elective or Advanced Science	Exams vary by course	AP/DC/OnRamps Science Elective or Advanced Science	Exams vary by course

Gr 6 Science	0300 A/B
Sheltered Gr 6 Science - NP	0308 A/B
Sheltered Gr 6 Science	0310 A/B
In Grades 6 through 8 Science, content is organized into recurring strands. The concepts within each grade level build on prior knowledge, prepare students for the next grade level, and establish a foundation for high school courses. In Grade 6, the following concepts will be addressed in each strand: scientific and engineering practices; recurring themes and concepts; matter and energy; force, motion, and energy; earth and space; and organisms and environments.	03060600
nstructional Material: Savvas Texas Experience Science Grade 6	
Prerequisites: Gr 5 Science	Grade level: 6
What's Next? Gr 7 Science	Credit(s): N/A
All Newcomer Program teachers must be content and ESL certified.	
Gr 6 Advanced Science	0313 A/B
Sheltered Gr 6 Advanced Science	0321 A/B
Students taking this advanced course will focus on science and engineering practices; recurring themes and concepts; matter and energy; force, motion, and energy; earth and space; and organisms and environments in an accelerated fashion. This course will include all of the Grade 6 Science objectives/TEKS and many of the Grade 7 or 8 Science objectives/TEKS.	03060600
Instructional Material: Savvas Texas Experience Science Grade 6 and Grade 7	Grade level: 6
Prerequisites: Grade 5 Science and student/family interest.	Credit(s): N/A
What's Next? Gr 7 Advanced Science or Gr 7 Science	

Gr 7 Science	0304 A/B
Sheltered Gr 7 Science - NP	0312 A/B
Sheltered Gr 7 Science	0314 A/B
In Grades 6 through 8 Science, content is organized into recurring strands. The concepts within each grade level build on prior knowledge, prepare students for the next grade level, and establish a foundation for high school courses. In Grade 7, the following concepts will be addressed in each strand: scientific and engineering practices;	03060700
recurring themes and concepts; matter and energy; force, motion, and energy; earth and space; and organisms and environments.	
Instructional Material: Savvas Texas Experience Science Grade 7	
Prerequisites: Gr 6 Science	Grade level: 7
<u>What's Next?</u> Gr 8 Science	Credit(s): N/A
All Newcomer Program teachers must be content and ESL certified.	
Gr 7 Advanced Science	0303 A/B
Sheltered Gr 7 Advanced Science	03147 A/B
The 7th Grade Advanced Science Course establishes the foundations for success in the Advanced Placement	03060700
curriculum. Students taking this accelerated course will focus on science and engineering practices; recurring	
themes and concepts; matter and energy; force, motion, and energy; earth and space; and organisms and	
environments in an accelerated fashion. This course will include a review of the Grade 6 Science objectives/TEKS	
and the remainder of the Grade 7 Science objectives/TEKS not addressed in Grade 6 Advanced and all of the Grade	
8 Science objectives/TEKS.	
Instructional Material: Savvas Texas Experience Science Grade 6, 7, 8	
Prerequisites: Gr 6 Science, Gr 6 Advanced Science and/or student/family interest	Grade level: 7
<u>What's Next?</u> Honors Biology or Integrated Physics/Chemistry or Gr 8 Science <b>Students will take STAAR Gr 8 Science</b> .	Credit(s): N/A
Gr 8 Science	0305 A/B
Sheltered Gr 8 Science - NP	0320 A/B
Sheltered Gr 8 Science	0322 A/B
In Grades 6 through 8 Science, content is organized into recurring strands. The concepts within each grade level	03060800
build on prior knowledge, prepare students for the next grade level, and establish a foundation for high school	
courses. In Grade 8, the following concepts will be addressed in each strand: scientific and engineering practices; recurring themes and concepts; matter and energy; force, motion, and energy; earth and space; and organisms and	
environments.	
Instructional Material: Savvas Texas Experience Science Grade 8	
Prerequisites: Grade 7 Science or Gr 7 Advanced Science	Grade level: 8
<u>What's Next?</u> Biology, Honors Biology, or Integrated Physics and Chemistry based on student and family interest.	Credit(s): N/A
Students will take STAAR Gr 8 Science.	
All Newcomer Program teachers must be content and ESL certified.	
Honors Biology	7574 A/B
Sheltered Honors Biology	7576 A/B
In Honors Biology, students engage in real-world data analysis and problem solving that sparks critical thinking	03010200
about our living world. As students engage in grade-level biology content described in the Biology AB course	
description, they utilize the kind of scientific reasoning skills needed to analyze the natural world and to succeed in	
future science and social science courses in high school, such as AP Biology, and college. Multiple opportunities to	
think and work like scientists include an emphasis on analytical reading and writing, strategic use of mathematics,	
and an expanded use of modeling. One credit of Biology is required for graduation. Instructional Material: Savvas Texas Experience Biology	Grade level: 8
Required Prerequisites: Successful completion of Gr 7 Advanced Science.	Credit(s): 1
<u>What's Next?</u> Honors Chemistry, OnRamps Chemistry 1, AP Physics 1, or OnRamps Physics 1	
<u>Note</u> : Students who successfully complete both semesters of the course will receive high school credit. The grade	
will not be used in the computation of high school GPA.	
Students will take the Biology EOC.	
Integrated Physics/Chemistry	7532 AB
Sheltered Integrated Physics/Chemistry	7528 AB
In Integrated Physics and Chemistry, students conduct laboratory and field investigations, use engineering	03060201
practices, use scientific practices during investigation, and make informed decisions using critical thinking and	-
scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics:	
force, motion, energy, and matter.	
Instructional Material: Activate Learning Texas IPC	Grade level: 8
Required Prerequisites: Successful completion of Gr 7 Advanced Science.	Credit(s): 1
<u>What's Next?</u> Biology or Honors Biology	
Note: Students who successfully complete both semesters of the course will receive high school credit. The grade	
will not be used in the computation of high school GPA.	
Students will take STAAR Gr 8 Science if not previously taken in middle school.	

#### **Botany T**

This course should be taken concurrently with Grades 6-8 science courses. Botany provides a lab-oriented course which utilizes the metric system in the study of plants. Investigations and experiments in the study of basic parts and functions of plants, classification of plants, and independent study projects are vital components of this course. Local credit course.

**0357 T (6th) or 0356 T (7th-8th)** 848800037 (6th) 84800038 (7th - 8th)

Instructional Material: No state adopted instructional materials	Grade level: 6-8
Prerequisites: None	Credit(s): N/A
<u>What's Next?</u> N/A	
Offered only at Elder	
Texas Pre-Freshman Engineering Program I	7421 A/B or
Texas Pre-Freshman Engineering Program II	7423 A/B
A summer enrichment for high ability students, these courses emphasize study and research in Mathematics,	N1303752 or
engineering, and computer science. Preference is given to female students and minority students who have been	N1303753
underrepresented in the field of engineering.	
Instructional Material: Instructional material(s) to be provided by the participating university	Grade level: 7-8
Prerequisites: Average of 80 or higher in college preparatory Mathematics course	Credit(s): 1 - 2
What's Next? N/A	(Elective)
State elective high school credit is available for this course. Grades earned will not be used in the calculation of	

high school GPA.

Available at Texas Wesleyan University and Tarrant County College campuses.

### Social Studies

#### Social Studies & Economics Recommended Course Sequence and Testing Guide

					Advanced Placement (A	AP)
	Traditional		Honors		/ Dual Credit (DC	)
6th	Gr 6 Social Studies: 0331	None	Honors Gr 6 Social Studies: 0325	None	Honors Gr 6 Social Studies: 0325	None
7th	Gr 7 Social Studies: 0336	None	Honors Gr 7 Social Studies: 0327	None	Honors Gr 7 Social Studies: 0327	None
8th	Gr 8 Social Studies: 0337	STAAR Gr 8	Honors Gr 8 Social Studies: 0329	STAAR Gr 8	Honors Gr 8 Social Studies: 0329	STAAR Gr 8
9th	World Geography: 8011	None	Honors World Geography: 8009	None	AP Human Geog: 8003 or DC World Geog: 8006	PSAT AP Exam
10th	World History: 8033 or Ethnic Studies: 8041T & 8045T	PSAT	Honors World History: 8035 or Ethnic Studies: 8041T & 8045T	PSAT	AP Modern World Hist: 8037 or DC World Hist: 8034	PSAT SAT AP Exam
11th	US History Since 1877: 8056 SS Electives	PSAT SAT US Hist EOC	Honors US History Since 1877: 8066 AP/DC SS Electives	SAT US Hist EOC	AP US Hist: 8215 or DC US Hist: 8042 or OnRamps US History: 8049 AP/DC SS Electives	SAT US Hist EOC AP Exam
12th	US Gov & Econ or PFL/ECO: 8076T & 8096T or 8148T SS Electives	PSAT SAT	US Gov & Econ or PFL/ECO: 8076T & 8096T or 8148T AP/DC SS Electives	SAT	AP US Gov & AP Econ: 8135T & 8098T or DC US Gov & DC Econ: 8079T & 8094T AP/DC SS Electives	Exams vary by course

Gr 6 Social Studies	0331 A/B	
Sheltered Gr 6 Social Studies – NP		
Sheltered Gr 6 Social Studies		
The emphasis of this course is the study of people and places of the contemporary world. Societies selected for study include: Europe, Russia, and the Eurasian republics, the Americas, Southwest Asia-North Africa, Sub-Saharan Africa, Australia and the Pacific Realm. Students examine and evaluate the influence of individuals and groups on nistorical and contemporary events. A key focus of this course is an examination of the effects of geography in nistorical and contemporary events.	02660060	
Instructional Material: 0670 – National Geographic: World Cultures and Geography (Texas Grade 6), Cengage		
Learning, 2014, ISBN: 9781305223967		
Prerequisites: None	Grade level: 6	
<u>What's Next?</u> Gr 7 Social Studies – Texas History	Credit(s): N/A	
All Newcomer Program teachers must be content and ESL certified.		
Gr 6 Social Studies Honors	0325 A/B	
Sheltered Gr 6 Social Studies Honors	0350 A/B	
The Honors course establishes the foundation for success in the Advanced Placement Social Studies curriculum	02660060	
through increased requirements, including independent study, authentic assessments, the History Fair, and		
outside-readings. It requires highly motivated students who desire a more in-depth study of history.		
Instructional Material: 0670 – National Geographic: World Cultures and Geography (Texas Grade 6), Cengage Learning, 2014, ISBN: 9781305223967		
Prerequisites: Student interest	Grade level: 6	
What's Next? Honors Gr 7 Social Studies - Texas History	Credit(s): N/A	

Sheltered Gr 7 Social Studies - NP	0336 A/B 0332 A/B
Sheltered Gr 7 Social Studies	0333 A/B
This course is a study of the history of Texas from early times to the present. It focuses on the full scope of Texas	03343000
history including the cultures of Native Americans living in Texas prior to European exploration and colonization.	
Major themes of revolution, independence, republic, and statehood are emphasized. The impact of individuals,	
events, and issues from each of these periods is examined and evaluated.	
Instructional Material: 0770 – Texas History (Texas Grade 7), Houghton Mifflin Harcourt, 2014, ISBN: 9780544549364	Cuarda Javada 7
Prerequisites: None	Grade level: 7
What's Next? Gr 8 Social Studies - U. S. Colonization – Reconstruction	Credit(s): N/A
All Newcomer Program teachers must be content and ESL certified.	
Gr 7 Social Studies Honors	0327 A/B
Sheltered Gr 7 Social Studies Honors	03337 A/B
The Honors course establishes the foundation for success in the Advanced Placement Social Studies curriculum	03343000
through increased requirements including independent study, authentic assessments, the History Fair, and outside	
readings. It requires highly motivated students who desire a more in-depth study of history.	
Instructional Material: 0770 – Texas History (Texas Grade 7), Houghton Mifflin Harcourt, 2014, ISBN: 9780544549364	
Prerequisites: Student interest	Grade level: 7
What's Next? Gr 8 Social Studies Honors - U. S. Colonization - Reconstruction	Credit(s): N/A
Gr 8 Social Studies	0337 A/B
Sheltered Gr 8 Social Studies - NP	0335 A/B
Sheltered Gr 8 Social Studies	0338 A/B
The emphasis of this course is the historical development of the United States from the early colonial period	03343100
throughout Reconstruction. The course content focuses on the political, economic, and social events and issues	
related to the origins and development of the United States, its principles, beliefs, and institutions as reflected in	
the U.S. Constitution and other historical documents.	
Instructional Material: 0875 – United States History (Texas Grade 8), Houghton Mifflin Harcourt, 2014, ISBN:	
98705444549005	
Prerequisites: None	Grade level: 8
<u>What's Next?</u> World Geography	Credit(s): N/A
All Newcomer Program teachers must be content and ESL certified.	Credit(s). N/A
Students will take STAAR Gr 8 Social Studies.	
Gr 8 Social Studies Honors	0329 A/B
Sheltered Gr 8 Social Studies Honors	03388 A/B
The Honors course establishes the foundation for success in the Advanced Placement Social Studies curriculum	03343100
	05545100
through increased requirements including independent study, authentic assessments, the History Fair, and outside	
readings. It requires highly motivated students who desire a more in-depth study of history.	Creada Javaly 0
Instructional Material: 0875 – United States History (Texas Grade 8), Houghton Mifflin Harcourt, 2014, ISBN:	Grade level: 8
98705444549005 Demographicity of Student interest	Credit(s): N/A
<u>Prerequisites:</u> Student interest	
What's Next? Honors World Geography or AP Human Geography	
	117/16 1 (6+6) 68
	0345 T (6th) or
Students will take STAAR Gr 8 Social Studies. How to Study	0342 T (7th-8th)
How to Study This course is designed to provide students with appropriate study skills which can be used to acquire knowledge	0342 T (7th-8th) 82300002 or
How to Study This course is designed to provide students with appropriate study skills which can be used to acquire knowledge and competence in social studies, language arts, Mathematics, and science. Emphasis is on reading and writing	0342 T (7th-8th) 82300002 or 82940002 or
How to Study This course is designed to provide students with appropriate study skills which can be used to acquire knowledge and competence in social studies, language arts, Mathematics, and science. Emphasis is on reading and writing across the curriculum as well as the development of good study habits and problem-solving skills. The course may	0342 T (7th-8th) 82300002 or
How to Study This course is designed to provide students with appropriate study skills which can be used to acquire knowledge and competence in social studies, language arts, Mathematics, and science. Emphasis is on reading and writing across the curriculum as well as the development of good study habits and problem-solving skills. The course may be taken for one semester only. Local Credit Only	0342 T (7th-8th) 82300002 or 82940002 or 83300002
How to Study This course is designed to provide students with appropriate study skills which can be used to acquire knowledge and competence in social studies, language arts, Mathematics, and science. Emphasis is on reading and writing across the curriculum as well as the development of good study habits and problem-solving skills. The course may be taken for one semester only. Local Credit Only Instructional Material: No state adopted instructional material(s)/Local credit only/Contact director. Prerequisites: None	0342 T (7th-8th) 82300002 or 82940002 or
How to Study This course is designed to provide students with appropriate study skills which can be used to acquire knowledge and competence in social studies, language arts, Mathematics, and science. Emphasis is on reading and writing across the curriculum as well as the development of good study habits and problem-solving skills. The course may be taken for one semester only. Local Credit Only Instructional Material: No state adopted instructional material(s)/Local credit only/Contact director. Prerequisites: None	0342 T (7th-8th) 82300002 or 82940002 or 83300002 Grade level: 6-8
How to Study This course is designed to provide students with appropriate study skills which can be used to acquire knowledge and competence in social studies, language arts, Mathematics, and science. Emphasis is on reading and writing across the curriculum as well as the development of good study habits and problem-solving skills. The course may be taken for one semester only. Local Credit Only Instructional Material: No state adopted instructional material(s)/Local credit only/Contact director. Prerequisites: None Special Topics in Social Studies: Geography Themes and Perspectives AB	0342 T (7th-8th) 82300002 or 82940002 or 83300002 Grade level: 6-8 Credit(s): N/A
How to Study This course is designed to provide students with appropriate study skills which can be used to acquire knowledge and competence in social studies, language arts, Mathematics, and science. Emphasis is on reading and writing across the curriculum as well as the development of good study habits and problem-solving skills. The course may be taken for one semester only. Local Credit Only Instructional Material: No state adopted instructional material(s)/Local credit only/Contact director. Prerequisites: None Special Topics in Social Studies: Geography Themes and Perspectives AB This course provides qualified 8 <sup>th</sup> grade students with the opportunity to engage in a rigorous and conceptually driven curriculum that will enhance their geo-literacy and prepare them for more advanced studies in geography.	0342 T (7th-8th) 82300002 or 82940002 or 83300002 Grade level: 6-8 Credit(s): N/A 8002 A/B
How to Study This course is designed to provide students with appropriate study skills which can be used to acquire knowledge and competence in social studies, language arts, Mathematics, and science. Emphasis is on reading and writing across the curriculum as well as the development of good study habits and problem-solving skills. The course may be taken for one semester only. Local Credit Only Instructional Material: No state adopted instructional material(s)/Local credit only/Contact director. Prerequisites: None Special Topics in Social Studies: Geography Themes and Perspectives AB This course provides qualified 8 <sup>th</sup> grade students with the opportunity to engage in a rigorous and conceptually driven curriculum that will enhance their geo-literacy and prepare them for more advanced studies in geography. AP skills and habits of mind are a focus throughout the course.	0342 T (7th-8th) 82300002 or 82940002 or 83300002 Grade level: 6-8 Credit(s): N/A 8002 A/B 03380002 (Part A) 03380022 (Part B)
How to Study This course is designed to provide students with appropriate study skills which can be used to acquire knowledge and competence in social studies, language arts, Mathematics, and science. Emphasis is on reading and writing across the curriculum as well as the development of good study habits and problem-solving skills. The course may be taken for one semester only. Local Credit Only Instructional Material: No state adopted instructional material(s)/Local credit only/Contact director. Prerequisites: None Special Topics in Social Studies: Geography Themes and Perspectives AB This course provides qualified 8 <sup>th</sup> grade students with the opportunity to engage in a rigorous and conceptually driven curriculum that will enhance their geo-literacy and prepare them for more advanced studies in geography. AP skills and habits of mind are a focus throughout the course. Instructional Materials: No state adopted instructional material(s)/Local credit only/Contact director.	0342 T (7th-8th) 82300002 or 82940002 or 83300002 Grade level: 6-8 Credit(s): N/A 8002 A/B 03380002 (Part A) 03380022 (Part B) Grade level: 8
How to Study This course is designed to provide students with appropriate study skills which can be used to acquire knowledge and competence in social studies, language arts, Mathematics, and science. Emphasis is on reading and writing across the curriculum as well as the development of good study habits and problem-solving skills. The course may be taken for one semester only. Local Credit Only Instructional Material: No state adopted instructional material(s)/Local credit only/Contact director. Prerequisites: None Special Topics in Social Studies: Geography Themes and Perspectives AB This course provides qualified 8 <sup>th</sup> grade students with the opportunity to engage in a rigorous and conceptually driven curriculum that will enhance their geo-literacy and prepare them for more advanced studies in geography. AP skills and habits of mind are a focus throughout the course.	0342 T (7th-8th) 82300002 or 82940002 or 83300002 Grade level: 6-8 Credit(s): N/A 8002 A/B 03380002 (Part A) 03380022 (Part B)

#### **Fine Arts**

#### One middle school Fine Arts credit is required.

#### ALL fine arts courses must be taken for the full year to receive credit.

Placement into certain courses require auditions, and/or teacher approval/recommendation.

VISUAL AND PERFORMING ARTS	1st Class Taken	2nd Class Taken	3rd Class Taken
ART			
Middle School Art	0001	0002	0003
Photographic Design*	N/A	0007	0008
Art, Level I (HS)*	N/A	N/A	1010
DANCE	01600	0160	0163
THEATRE	0077	0079	0081

\*See below

- Photographic Design will not satisfy the Fine Arts requirement for Middle School.
   It will count as a Local Credit only.
- Art, Level I (HS) is available at Gold Seal Schools and Programs of Choice for 8<sup>th</sup> grade students.

NOTE TO STUDENTS AND PARENTS: All middle school fine arts courses will be labeled as MS 1, MS 2, or MS 3. These are not tied to grade levels. The first time any student, regardless of grade level, takes a fine arts course, it will be MS 1.

Middle School Art 1, 2, 3	0001 A/B, 0002 A/B or 0003 A/B
Includes opportunities to create and understand art with increasing depth and range of skill, technique,	03154110, 03154210, or
creative expression, historical and cultural relevance, and critical evaluation and response. A variety of art media	03154310
and materials will be used to produce artwork in drawing, painting, printmaking, sculpture, ceramics, and other	
art processes.	
Instructional Material: eBook A Global Pursuit, Davis Publications; ISBN: 978-1-61528-324-8	Grade level: 6-8
eBook A Personal Journey, Davis Publications; ISBN: 978-1-161528-322-4	Credit(s): N/A
eBook A Community Connection, Davis Publications; ISBN: 978-1-61528-323-1	
Prerequisites: None or previous year course	
What's Next? Sequential course	
Photographic Design	0007 A/B or
	0008 A/B
Students will be challenged to develop group or individual projects such as photography portfolios, campus	82950XXX or
photo magazines, and photography exhibits in order to further the connection to careers in the photography	83400XXX
field. Special equipment is required. (Equipment & materials provided at campus level.)	
Instructional Material: Campus discretion	Grade level: 7-8
Prerequisites: Middle School Art 1	Credit(s): N/A
What's Next? Sequential course	
Local Credit Only; does not satisfy Fine Arts Requirement.	
Art, Level I (HS)	1010 A/B
This rigorous high school art course covers technique, processes, and media. Includes effective use of art media	03500100
and tools in design, drawing, painting, printmaking, and sculpture. Art work must demonstrate mastery of Art	
Elements and Principles of Design. Students must create a portfolio of exceptional artwork (12 pieces). High	
school credit provided upon successful completion of both semesters of this course. The grade is not used in	
the calculation of high school GPA. Schools must have approval from the Art Director to offer this course.	
Instructional Material: eBook The Visual Experience, Davis Publications; ISBN: 978-1-61528-328-6	Grade level: 8

Prerequisites: Teacher recommendation based on student portfolio and talent	Credit(s): 1
<u>What's Next?</u> Sequential course	
Offered only at Programs of Choice.	
Middle School Dance 1	01600 A/B
Presents a general overview and history of dance, while learning the basic elements of movement for jazz, tap,	03154120
pallet, modern and world dance. The course is intended for those with little to no previous training. Students are required to participate in performances and rehearsals throughout the year. Students must complete both	
semesters (A/B) to receive credit for the course. Students must take and successfully pass Dance 1 prior to	
enrollment in Dance 2, regardless of grade level.	
Instructional Material: Contact Content Director	Grade level: 6-8
Prerequisites: None	Credit(s): N/A
What's Next? Dance 2	
Course does not count towards a PE credit, unless teacher is PE certified and TEKS are met.	
Middle School Dance 2	0160 A/B
The course will extend the learner's knowledge of the history of dance and technique methods for jazz, tap,	03154220
ballet, modern and world dance. Students are required to participate in performances and rehearsals	
throughout the year. Students must complete both semesters (A/B) to receive credit for the course. Students	
must take and successfully pass Dance 2 prior to being allowed to enroll in Dance 3, regardless of grade level.	
nstructional Material: Contact Content Director	Grade level: 6-8
Prerequisites: Dance 1	Credit(s): N/A
<u>Nhat's Next?</u> Dance 3	
Course does not count towards a PE credit, unless teacher is PE certified and TEKS are met.	
Middle School Dance 3	0163 A/B
The course will continue to extend the learner's knowledge of the history of dance and technique methods for	03154320
azz, tap, ballet, modern and world dance. Students are required to participate in performances and rehearsals	
throughout the year. Students must complete both semesters (A/B) to receive credit for the course.	
Instructional Material: Contact Content Director	Grade level: 6-8
Prerequisites: Dance 2	Credit(s): N/A
What's Next? Dance I (HS)	
Course does not count towards a PE credit, unless teacher is PE certified and TEKS are met.	
Middle School Theatre 1	0077 A/B
Develops concepts about human relationships and the environment, using elements and conventions of	03154140
theatre. First year students explore elements and conventions of theatre, interpret characters, voice and body	
expression and the relationship of theatre to history, society, and culture. Instructional Material: Creative Communication, Perfection Learning ISBN-10: 0931054-40-0, ISBN-13: 078-0-	Grade level: 6-8
931054-40-2, Author Fran Averett Tanner – 43 books; Collection One Drama for Reading and Performance,	Credit(s): N/A
Perfection Learning ISBN: 9781680644050, Various Authors – 43 books; Stages of History: Plays About American	Credit(S). N/A
Past, Perfection Learning ISBN; Drama Network classroom material and online material	
Prerequisites: None	
<u>What's Next?</u> Theatre 2	
Middle School Theatre 2	0079 A/B
Develops concepts about human relationships and the environment, using elements and conventions of	03154240
theatre. Second year students learn basic acting skills, pantomime, improvisation, storytelling, character	
analysis, body expression and the relationship of theatre to history, society, and culture. Students must take	
and successfully pass Theatre 1 prior to enrolling in Theatre 2, regardless of grade of student.	
Instructional Material: Creative Communication, Perfection Learning ISBN-10: 0931054-40-0, ISBN-13: 078-0-	Grade level: 6-8
931054-40-2, Author Fran Averett Tanner – 43 books; Collection One Drama for Reading and Performance,	Credit(s): N/A
Perfection Learning ISBN: 9781680644050, Various Authors – 43 books; Stages of History: Plays About American	
Past, Perfection Learning ISBN; Drama Network classroom material and online material	
Prerequisites: Successful completion of Middle School Theatre 1	
What's Next? Theatre 3	
Middle School Theatre 3	0081 A/B
Develops concepts about human relationships and the environment, using elements and conventions of	03154340
heatre. Third year students interpret characters using the voice and body to interpret scenes and study the	
relationship of theatre to history, society, and culture. Students must take and successfully pass Theatre 2 prior	
relationship of theatre to history, society, and culture. Students must take and successfully pass Theatre 2 prior to enrolling in Theatre 3, regardless of grade of student.	
relationship of theatre to history, society, and culture. Students must take and successfully pass Theatre 2 prior to enrolling in Theatre 3, regardless of grade of student. Instructional Material: Creative Communication, Perfection Learning ISBN-10: 0931054-40-0, ISBN-13: 078-0-	Grade level: 6-8
relationship of theatre to history, society, and culture. Students must take and successfully pass Theatre 2 prior to enrolling in Theatre 3, regardless of grade of student. Instructional Material: Creative Communication, Perfection Learning ISBN-10: 0931054-40-0, ISBN-13: 078-0- 931054-40-2, Author Fran Averett Tanner – 43 books; Collection One Drama for Reading and Performance,	Grade level: 6-8 Credit(s): N/A
relationship of theatre to history, society, and culture. Students must take and successfully pass Theatre 2 prior to enrolling in Theatre 3, regardless of grade of student. <u>Instructional Material:</u> Creative Communication, Perfection Learning ISBN-10: 0931054-40-0, ISBN-13: 078-0- 931054-40-2, Author Fran Averett Tanner – 43 books; Collection One Drama for Reading and Performance, Perfection Learning ISBN: 9781680644050, Various Authors – 43 books; Stages of History: Plays About American	
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elationship of theatre to history, society, and culture. Students must take and successfully pass Theatre 2 prior to enrolling in Theatre 3, regardless of grade of student. <u>Instructional Material:</u> Creative Communication, Perfection Learning ISBN-10: 0931054-40-0, ISBN-13: 078-0- 031054-40-2, Author Fran Averett Tanner – 43 books; Collection One Drama for Reading and Performance, Perfection Learning ISBN: 9781680644050, Various Authors – 43 books; Stages of History: Plays About American Past, Perfection Learning ISBN; Drama Network classroom material and online material	

INSTRUMENTAL MUSIC	Beginner Music Level 1	Intermediate Music Level 2	Advanced Music Level 3
Band	0223	0226	0228
Orchestra	0252	0189	0244
Mariachi	0233	0235	0237

NOTE TO STUDENTS AND PARENTS: All middle school fine arts courses that were previously labeled as "levels 6, 7, or 8" are now re-labeled per the revised Fine Arts Texas Essential Knowledge and Skills (TEKS). All middle school fine arts courses will be labeled as MS 1, MS 2, or MS 3. These are not tied to grade levels. The first time any student, regardless of grade level, takes a fine arts course, it will be MS 1.

Band, Orchestra and Mariachi classes: scheduled based on instrument interview and selection recommendation from campus director.

Middle school students in the 6th Grade will take Music, Level 1 (Band, Orchestra, Mariachi). Middle school students in the 7th or 8th grade who are taking the course for the first time should enroll in Music, Level 1 (Band, Orchestra, Mariachi). 7th and 8th grade students who have taken Music, Level 1, or who have previous music experience, may audition and be placed in either Music, Level 2 (Intermediate) or Music, Level 3 (Advanced). This placement is by Audition only. Students in 7th and 8th grade may repeat Music, Level 2 and Music, Level 3. All courses are one-year long.

Middle School Band	See Chart
Beginner course provides instruction in the techniques of playing band instruments. Emphasis is placed on	03154130, 03154230, or
tone production, mastering the fundamentals and music reading.	03154330
Sub Non-Varsity, Non-Varsity, Varsity courses allow students the chance to develop tone quality and	
instrumental skills and techniques at the appropriate level.	
Attendance to all rehearsals/performances is required.	
Instructional Material: Contact Content Director	Grade level: 6-8
Prerequisites: Screening for appropriate instrument placement in the spring - Audition determines placement	Credit(s): N/A
into Intermediate or Advanced.	
What's Next? Sequential course	
Fulfills middle school fine arts requirement when taken in Grade 6.	
All classes are scheduled for appropriate like-instrument beginning class placement and performance level.	
Middle School Instrumental Ensemble	0182, 0184, 0248
Sub Non-Varsity, Non-Varsity or Varsity provide students the opportunity to develop and refine technical skills	03154133, 03154233, oi
and increase music knowledge with literature selected for performance and listening. Attendance to all	03154333
rehearsals/performances is required.	
nstructional Material: Contact Content Director	Grade level: 6-8
Prerequisites: Screening for appropriate instrument placement in the spring - Audition determines placement	Credit(s): N/A
into Intermediate or Advanced.	
<u>What's Next?</u> Sequential course	
Middle School Mariachi Ensemble	See Chart
Mariachi Band provides instruction in the techniques of playing the trumpet, violin, vihuela, guitar, and/or	03154133, 03154233, oi
guitarron or students to learn and perform the intricate music and rhythm styles of the Latino cultural heritage.	03154333
Students in this group must demonstrate a high level of commitment and superior citizenship to be successful.	
Mariachi performances will be given during the semester at concerts, festivals, and concerts. Attendance at all	
performances is required.	
Instructional Material: Contact Content Director	Grade level: 6-8
Prerequisites: Audition determines instrument and placement.	Credit(s): N/A
What's Next? Sequential course	
Offered only at JP Elder MS, W. James MS, Meacham MS, Rosemont MS, and Riverside MS.	
Middle School Jazz Ensemble	0267 A/B or
	0268 A/B
Qualified band students will focus on musical genre other than mainstream classical and pop music as played in	03154235 or 03154335
band with a focus on all areas of jazz music including performance technique, history, jazz literature,	
improvisation and interpretation.	
Instructional Material: Contact Content Director	Grade level: 7-8
Prerequisites: Placement based on successful completion of beginning band program, student's demonstration	Credit(s): N/A
of proficiency on his/her instrument, student interest, parental approval. Must be enrolled in primary	
Instrumental Encomble	

Instrumental Ensemble.

What's Next? Sequential course	
Middle School Orchestra	See Chart
Provides instruction in the technique of playing string instruments. Emphasis is placed on tone production, mastery of fundamentals, and music readings. Intermediate and Advanced levels develop tone quality,	03154132, 03154232, or 03154332
instrumental skills and techniques. Attendance at all performances is required.	

Instructional Material: Contact Content Director

<u>Prerequisites:</u> None for beginner level - Audition determines placement into Intermediate or Advanced. <u>What's Next?</u> Sequential course Grade level: 6-8 Credit(s): N/A

CHORAL MUSIC	Beginner Music Level 1	Intermediate Music Level 2	Advanced Music Level 3
6 <sup>th</sup> Grade Treble	0258		
6 <sup>th</sup> Grade Tenor/Bass	0259		
Treble	0258	0264	0266
Tenor/Bass	0259	0238	0240
Show Choir*	02591	02431	02401

Choral classes: scheduled based on vocal pedagogy needs of the changing and unchanged voice from campus director.

Show Choir classes: scheduled based on audition only.

Middle school students in the 6th Grade will take Music, Level 1 (Choir). Middle school students in the 7th or 8th grade who are taking the course for the first time should enroll in Music, Level 1 (Choir). 7th and 8th grade students who have taken Music, Level 1, or who have previous music experience, may audition and be placed in either Music, Level 2 (Intermediate) or Music, Level 3 (Advanced). This placement is by Audition only. Students in 7th and 8th grade may repeat Music, Level 2 and Music, Level 3. All courses are one-year long.

Middle School Choir	See Chart
Sixth-grade Treble or Tenor/Bass Choir provides an initial instruction to develop the fundamental vocal	
methods, techniques, music literacy, and music theory.	
Beginner Treble or Tenor/Bass Choir provides initial instruction to develop the fundamental vocal methods,	
techniques, music literacy and theory used in Intermediate and Advanced Middle School choral performing	
ensembles. Students in Intermediate and Advanced choral ensembles, by audition and teacher placement	
only, Attendance at all performances and evaluations are required for all choral ensembles.	
Instructional Material: Contact Content Director	Grade level: 6-8
Prerequisites: None for beginner level - Audition determines placement into Intermediate or Advanced.	Credit(s): N/A
What's Next? Sequential course	
All class assignments are based on vocal pedagogy needs of the changing and unchanged voice and must be scheduled appropriately for correct pedagogical placement.	
Show Choir*	See Chart
Show Choir provides training in different styles of repertoire, choreography, and showmanship in	
preparation for advanced performing show choirs in middle school. The student can earn PE credit for Level	
2/3, Show Choir 02431AB/02401AB as a TEKS-based course that meets the requirement of 100 minutes of	
moderate to vigorous physical activity per week if it is not being used to satisfy another requirement. The	
teacher does not have to be certified in PE. See Health & Physical Education section for course #.	
Instructional Material: Contact Content Director	Grade level: 7-8
Prerequisites: Auditioned by instructor, taken in sequence.	Credit(s): N/A
What's Next? N/A	

## World Languages

Graduation Requirements for Students under the Foundation Graduation Plan

#### Required for all students: World Languages - 2 Credits - Any two levels of the same language Performance acknowledgement in bilingualism and biliteracy. Students must demonstrate proficiency in two or more languages through completion of a minimum of three credits in the same language of a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; Meeting the admissions requirements of many state and national public and private universities, which include a **minimum of three vears** of study of a language other than English. All students, therefore, are strongly encouraged to study a minimum of three years of a language other than English in order to avail themselves of these opportunities. Students are encouraged to begin their language study in Grade 6 (Discovering Languages and Cultures) to get the strongest possible foundation, with the option to receive high school credit for successful completion of additional World Language courses in Grade 7 and 8. A student who successfully completes a dual language immersion/two-way or dual language immersion/one-way program at an elementary school may satisfy one credit of the two credits required in a language other than English. To successfully complete a dual language immersion program, a student must: 1. Have participated in a dual language immersion program for at least five consecutive school years; 2. Achieve high levels of academic competence as demonstrated by performance of meets or masters grade level on the STAAR in English or Spanish, as applicable; and 3. Achieve proficiency in both English and a language other than English as demonstrated by scores of proficient or higher in reading and speaking domains on language proficiency achievement tests in both languages. The second credit of a language other than English must be in the same language as the successfully completed dual language immersion program. TEC §28.0051 and TAC §74.12(b)(5)(F)

Discovering Languages and Cultures	0099 T or	
	0100 A/B	
Develops basic linguistic skills in one or more languages and cultures, including grammatical rules.	02950000	
This course provides instruction based upon the Discovering Languages & Cultures TEKS.		
Instructional Material: None adopted. Contact Content Director		
Prerequisites: None	Grade level: 6	
What's Next? Spanish, French, German, Latin, Chinese, Japanese, or a language currently offered in the district	Credit(s): N/A	
Offered at most middle schools.		
American Sign Language	0125 A/B (7th) or	
	0127 A/B (8th)	
Provides both receptive and expressive signing, as well as interactive communication.	03983000	
Instructional Material: Signing Naturally, ISBN: 9781581212075 & 9781581212181		
<u>Prerequisites:</u> None	Grade level: 7-8	
One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in the course are not used in the calculation of high school GPA.	Credit(s): 1	

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Arabic	0145 A/B (7th) or 0147 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression.	High School PEIMS: 03100100 - if student completes all 4 semesters
Instructional Material: None adopted / Contact Director of World Languages Prerequisites: None	of study
One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in the course are not used in the calculation of high school GPA.	Grade level: 7-8 Credit(s): 1
Chinese	0115 A/B (7th) or 0117 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression.	High School PEIMS: 03490100 - if student completes all 4 semesters
Instructional Material: 1614 Zhēn Bàng! Level 1, EMC Publishing ISBN: 9781533815200	of study
<u>Prerequisites:</u> Taken in sequence (each numbered course lasts two semesters). <u>What's Next?</u> Chinese II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA.	Grade level: 7-8 Credit(s): 1
French	0101 A/B (7th) or 0103 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression.	High School PEIMS: 03410100 - if student completes all 4 semesters
Instructional Material: 1603 - Bien Dit! 1A Houghton, Mifflin, Harcourt, ISBN: 9781238682604 1604 - Bien Dit!1B, Houghton, Mifflin, Harcourt, ISBN: 9781329682611	of study
<u>Prerequisites:</u> Taken in sequence (each numbered course lasts two semesters). <u>What's Next?</u> French II	Grade level: 7-8 Credit(s): 1
One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. Offered at most middle schools.	
German	0141 A/B (7th) or 0143 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar	High School PEIMS: 03420100 - if student
material. Fosters awareness of the culture and of the importance of accuracy of expression. <u>Instructional Material:</u> 1670 - Portfolio Deutsch Level I, Klett-USA; ISBN: 9783126000024 <u>Prerequisites:</u> Taken in sequence (each numbered course lasts two semesters).	completes all 4 semesters of study
What's Next? German II	Grade level: 7-8
One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA.	Credit(s): 1
Italian	0135 A/B (7th) or 0137 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression.	High School PEIMS - 03400100 - if student completes all 4 semesters
Instructional Material: Chiarissimo 1- Wayside Publishing ISBN: 9781942400370 Prerequisites: Taken in sequence (each numbered course lasts two semesters).	of study
<u>What's Next</u> ? Italian II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA.	Grade level: 7-8 Credit(s): 1
Japanese	0121 A/B (7th) or 0123 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression.	High School PEIMS - 03120100 - if student completes all 4 semesters
Instructional Material: 1622 – Genki, Level 1, Cheng & Tsui, Co. Inc., ISBN: 9784789014403 Prerequisites: Taken in sequence (each numbered course lasts two semesters).	of study
<u>What's Next?</u> Japanese II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades	Grade level: 7-8 Credit(s): 1

Introductory Latin	0129 A/B
Introduces the reading of Latin, reinforce by listening, speaking, and writing. Awareness of Roman culture and of	02436000
components of the language.	
This course provides instruction based upon the Discovering Languages & Cultures TEKS.	
Instructional Material: Contact Content Director	
Prerequisites: Taken in sequence (each numbered course lasts two semesters).	Grade level: 6-7
What's Next? Latin I	Credit(s): N/A
Offered only at WLI & YMLA	
Latin	0131 A/B (7th) or
	0133 A/B (8th)
	High School PEIMS -
Introduces the reading of Latin, reinforce by listening, speaking, and writing. Fosters awareness of Roman culture	03433100 - if student
and of components of the language.	
Instructional Material: 1625 & 1626 - Elevate Level 1, Cambridge University Press, ISBN: 9781316646199	completes all 4 semesters
Prerequisites: Taken in sequence (each numbered course lasts two semesters).	of study
What's Next? Latin II	
One high school credit will be awarded for successful completion of 4 semesters in middle school.	Grade level: 7-8
Grades received in these courses are not used in the calculation of high school GPA.	Credit(s): 1
Portuguese	0105 A/B (7th) or
	0106 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing.	Middle School PEIMS:
Offers practice in using learned material to carry on very simple conversations and to read and write familiar	0347300 - if student
material. Fosters awareness of the culture and of the importance of accuracy of expression.	completes 2 semesters
	of study; High School
Instructional Material: None adopted. Contact Director of World Languages	PEIMS: 03470100 - if
Prerequisites: Taken in sequence (each numbered course lasts two semesters).	student completes 4
<u>What's Next?</u> N/A	semesters of study
One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades	Grade level: 7-8
received in these courses are not used in the calculation of high school GPA.	Credit(s): 1
Spanish Language Enrichment	0104 A/B
This course focuses on language that is authentic to the Spanish experience and vital to the development of	03443000
Spanish literacy. Studies in this course will develop the student's vocabulary and language skills needed to	
function on a biliterate and bilingual level and continue to develop cognitive skills and metacognitive processes	
already begun in elementary programs. This course provides instruction based upon Spanish Level II LOTE TEKS.	
Instructional Material: FWISD Spanish Enrichment Curriculum Modules	Grade level: 6
Prerequisites: Grade 5 in a DLE or Spanish Immersion classroom	Credit(s): N/A
What's Next? SSSPAN 1AB & 2AB or Spanish 2AB (based on teacher recommendation)	
Spanish	0111 A/B (7th) or
	0113 A/B (8th)
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing.	
Provides everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers practice in using learned material to carry on very simple conversations and to read and write familiar	High School PEIMS:
Offers practice in using learned material to carry on very simple conversations and to read and write familiar	High School PEIMS: 03440100 - if student
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression.	High School PEIMS: 03440100 - if student completes 4 semesters
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. <u>Instructional Material:</u> 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905598	High School PEIMS: 03440100 - if student completes 4 semesters
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters).	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA.	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b>
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. Spanish Level 1 & 2 (for Spanish speakers)	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b>
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. Spanish Level 1 & 2 (for Spanish speakers) Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher-	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b> 03440110 &
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. Spanish Level 1 & 2 (for Spanish speakers) Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher- order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b>
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. Spanish Level 1 & 2 (for Spanish speakers) Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher- order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various Hispanic countries.	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b> 03440110 &
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Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. Spanish Level 1 & 2 (for Spanish speakers) Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher- order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various Hispanic countries.	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b> 03440110 &
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. Spanish Level 1 & 2 (for Spanish speakers) Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher- order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various Hispanic countries. Instructional Material: 1654 – 1 <sup>st</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b> 03440110 & 03440220
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. <b>Spanish Level 1 &amp; 2 (for Spanish speakers)</b> Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher-order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various Hispanic countries. Instructional Material: 1654 — 1 <sup>st</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163553, 2 <sup>nd</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163560	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b> 03440110 & 03440220 Grade level: 7-8
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. <b>Spanish Level 1 &amp; 2 (for Spanish speakers)</b> Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher- order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various Hispanic countries. Instructional Material: 1654 — 1 <sup>st</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163553, 2 <sup>nd</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163560 Prerequisites: Placement exam; Ability to speak and to understand spoken Spanish, taken in sequence	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b> 03440110 & 03440220 Grade level: 7-8
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. <b>Spanish Level 1 &amp; 2 (for Spanish speakers)</b> Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher- order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various Hispanic countries. Instructional Material: 1654 — 1 <sup>st</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163553, 2 <sup>nd</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 97801311635560 Prerequisites: Placement exam; Ability to speak and to understand spoken Spanish, taken in sequence What's Next? Spanish for Spanish Speakers 3AB & 4AB	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b> 03440110 & 03440220 Grade level: 7-8
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. <b>Spanish Level 1 &amp; 2 (for Spanish speakers)</b> Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher- order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various Hispanic countries. Instructional Material: 1654 – 1 <sup>st</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163553, 2 <sup>nd</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163560 Prerequisites: Placement exam; Ability to speak and to understand spoken Spanish, taken in sequence What's Next? Spanish for Spanish Speakers 3AB & 4AB High school credit(s) will be awarded for successful completion of both semesters of the course. Grades received	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b> 03440110 & 03440220 Grade level: 7-8
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. Spanish Level 1 & 2 (for Spanish speakers) Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher- order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various Hispanic countries. Instructional Material: 1654 — 1 <sup>st</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163553, 2 <sup>nd</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163550 Prerequisites: Placement exam; Ability to speak and to understand spoken Spanish, taken in sequence What's Next? Spanish for Spanish Speakers 3AB & 4AB High school credit(s) will be awarded for successful completion of both semesters of the course. Grades received in these courses are not used in the calculation of high school GPA.	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b> 03440110 & 03440220 Grade level: 7-8 Credit(s): 1 - 2
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. <b>Spanish Level 1 &amp; 2 (for Spanish speakers)</b> Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher- order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various Hispanic countries. Instructional Material: 1654 – 1 <sup>st</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163553, 2 <sup>nd</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163560 Prerequisites: Placement exam; Ability to speak and to understand spoken Spanish, taken in sequence What's Next? Spanish for Spanish Speakers 3AB & 4AB High school credit(s) will be awarded for successful completion of both semesters of the course. Grades received	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b> 03440110 & 03440220 Grade level: 7-8 Credit(s): 1 - 2 <b>4080 A (Span 3AB) &amp;</b>
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. Spanish Level 1 & 2 (for Spanish speakers) Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher- order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various Hispanic countries. Instructional Material: 1654 — 1 <sup>st</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163553, 2 <sup>nd</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163550 Prerequisites: Placement exam; Ability to speak and to understand spoken Spanish, taken in sequence What's Next? Spanish for Spanish Speakers 3AB & 4AB High school credit(s) will be awarded for successful completion of both semesters of the course. Grades received in these courses are not used in the calculation of high school GPA. Spanish Level 3 & 4 (for Spanish Speakers)	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b> 03440110 & 03440220 Grade level: 7-8 Credit(s): 1 - 2 <b>4080 A (Span 3AB) &amp;</b> <b>4080 B (Span 4AB)</b>
Offers practice in using learned material to carry on very simple conversations and to read and write familiar material. Fosters awareness of the culture and of the importance of accuracy of expression. Instructional Material: 0760- Texas Auténtico IA, Pearson Education, Inc., ISBN: 9780328905492; 0860- Texas Auténtico IB, Pearson Education, Inc., ISBN: 9780328905508 Prerequisites: Taken in sequence (each numbered course lasts two semesters). What's Next? Spanish II One high school credit will be awarded for successful completion of 4 semesters in middle school. Grades received in these courses are not used in the calculation of high school GPA. Spanish Level 1 & 2 (for Spanish speakers) Reinforces conversational patterns in culturally authentic situations and focuses on reading, writing, and higher- order thinking. Compacts the study of standard grammar and expands vocabulary. Includes the culture of various Hispanic countries. Instructional Material: 1654 — 1 <sup>st</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163553, 2 <sup>nd</sup> semester- Primary - FWISD Curriculum Modules/ Sendas Literarias, Pearson Education, Inc., ISBN: 9780131163550 Prerequisites: Placement exam; Ability to speak and to understand spoken Spanish, taken in sequence What's Next? Spanish for Spanish Speakers 3AB & 4AB High school credit(s) will be awarded for successful completion of both semesters of the course. Grades received in these courses are not used in the calculation of high school GPA.	High School PEIMS: 03440100 - if student completes 4 semesters of study; 1 <sup>st</sup> year is a prerequisite for 2 <sup>nd</sup> year Grade level: 7-8 Credit(s): 1 <b>4079 A (Spanish 1AB) 8</b> <b>4079 B (Spanish 2AB)</b> 03440110 & 03440220 Grade level: 7-8 Credit(s): 1 - 2 <b>4080 A (Span 3AB) &amp;</b>

components in communications. <u>nstructional Material</u> : 1655- Primary – Encuentros Maravilloso Gramática, Pearson Education, Inc., ISBN:	
780133693744 and Secondary- Abriendo Paso, Pearson Education, Inc., ISBN: 9780133238006	Grade level: 8
Prerequisites: Placement exam; Ability to speak & to understand spoken Spanish, SSSPAN IAB and SSSPAN IIAB	Credit(s): 1 - 2
<u>Vhat's Next?</u> AP Spanish Language and Culture IV AB or AP Spanish V	
High school credit(s) will be awarded for successful completion of both semesters of the course. Grades received	
n these courses are not used in the calculation of high school GPA.	
Honors Spanish Level III	4077 A/B
Emphasizes creative self-expression in the spoken language. Expands aural comprehension to improve guessing	03440300
from context. Includes short passages of literature in the reading practice and some creative writing. Promotes	
increased knowledge of the Spanish culture and components of the language.	
nstructional Material: 1647 – Texas Auténtico, Level 3, Pearson Education, Inc., ISBN: 9780328905539	
Prerequisites: Placement exam or Spanish II, novice-high proficiency in speaking, intermediate-low proficiency to	Grade level: 7
istening, reading, and writing: student interest, taken in sequence	Credit(s): 1
What's Next? AP Spanish Language and Culture IV AB	
High school credit will be awarded for successful completion of both semesters of the course. Grades received in	
this course are not used in the calculation of high school GPA.	
AP Spanish Language and Culture	4081 A/B
AP Spanish Language and Culture covers material corresponding to an intermediate-level college course in	A3440100
Spanish. Students cultivate their understanding of Spanish language and culture by applying the interpersonal,	
interpretive, and presentational modes of communication in real-life situations as they explore concepts related	
to family and community, personal and public identity, beauty and aesthetics, science and technology,	
contemporary life, and global challenges.	
Instructional Material: 1648 — Primary – Vista Higher Learning Temas / Secondary - Triángulo Aprobado; AP	
Language and Culture Preparation; Pearson Education, Inc.; and 1652 - ISBN: 9781938026621	Grade level: 8
Prerequisites: Placement exam or Honors Spanish III taken in sequence	Credit(s): 1
<u>What's Next?</u> AP Spanish V AB	
High school credit will be awarded for successful completion of both semesters of the course. Grades received in	
this course are not used in the calculation of high school GPA.	
However, beginning with the graduating class of 2025, the District shall also include in the calculation of high	
school GPA semester grades earned before grade 9 in Advanced Placement (AP) courses.	
Only offered at Stripling, William James & WLI.	
Spanish II AB	4073 A/B
Expands oral and written skills into more challenging constructions, increased reading comprehension, and a	03440200
variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing	
sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes	
recognition of the role of culture and language components in communication.	
Instructional Material: 1646 - Primary – FWISD Curriculum Modules Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X	
Prerequisites: Spanish Language Enrichment; taken in sequence	Grade level: 8
<u>What's Next?</u> Honors Spanish III AB	Credit(s): 1
Only offered at Stripling MS and McLean MS	
High school credit will be awarded for successful completion of both semesters of the course. Grades received in	
his course are not used in the calculation of high school GPA.	

### **Career and Technical Education (CTE)**

Public Notification of Non-Discrimination in Career and Technical Education Programs

The Fort Worth Independent School District offers Career and Technical Education programs in the following Career Areas:

Agriculture, Food and Natural Resources; Architecture and Construction; Arts, Audio Video Technology, and Communications (*Arts A/V*); Business, Marketing, and Finance; Education and Training; Energy (P-TECH Program only); Engineering; Health Science; Hospitality and Tourism; Human Services; Information Technology; Law and Public Service; Manufacturing; Transportation, Distribution and Logistics.

Admission to the above programs is based on interest, lottery selection, age appropriateness, and class space availability. It is the policy of Fort Worth ISD not to discriminate on the basis of race, color, religion, gender, national origin, age, sexual orientation, disability, gender identity and expression, military/veteran status, or any other basis prohibited by law in its vocational programs, services or activities and provides equal access to the Boy Scouts and other designated youth groups as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

Fort Worth ISD will take steps to assure that the lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

The Fort Worth Independent School District prohibits discrimination, including harassment, against any employee on the basis of race, color, religion, gender, national origin, age, sexual orientation, disability, gender identity and expression, military/veteran status, or any other basis prohibited by law. Retaliation against anyone involved in the complaint process is a violation of District policy. The following persons have been designated to handle inquiries regarding the non-discrimination policies:

Patricia Sutton, Director of Special Services, 215 NE 14th St., Fort Worth, TX 76164, 817.814.2458, E-mail: <u>Patricia.Sutton@fwisd.org</u>

Or

Cynthia Allen, Title IX Coordinator, 7060 Camp Bowie Blvd., Fort Worth, TX 76116, 817.814.1880, Email: <u>Cynthia.Allen1@fwisd.org</u>

Or

Dr. Lisa Langston, Director of UIL Compliance, 1501 University Dr, Fort Worth, TX 76107, 817.815.7307, Email: <u>Lisa.Langston@fwisd.org</u>.

## Future Ready Pathway

GRADE LEVEL	CAREER & TECHNICAL EDUCATION COURSE SEQUENCE
6 <sup>™</sup> GRADE	Computer Literacy T: 0390T (See Middle School Technology Applications section) AND Computer Enrichment Laboratory T: 0411A (See Middle School Technology Applications section)
7 <sup>™</sup> GRADE	General Employability Skills for CTE AB: CD0677AB (For high school credit)
8 <sup>™</sup> GRADE	Professional Communications Middle School T: CD09901 T (For high school Speech credit) AND Touch System Data Entry T: CD11301 T (For high school credit)

General Employability Skills for CTE (GEMPLS AB)	CD0677 A
This course is designed to guide students in obtaining the knowledge and the needed skills that are transferable	N1270153
among a variety of college, jobs and careers that are considered essential in any college and employment situation.	
Students will learn and apply basic knowledge of what is expected in the workplace as well as the pathway on how to	
obtain the career of their choice. Additionally, students will learn about all the Programs of Study offered at their	
eeder campuses and across the district. Students will choose the Program of Study of their interest and complete	
heir 6-year progression plan. Upon successful completion of this course, students will receive 1.0 high school credit. The	
grade received in the class is not used for the calculation of high school GPA. In order for the student to receive high	
school credit on their transcript, they must be in grades 7 or 8 and pass the course based on a high school grading scale.	
nstructional Material: Contact Career and Technical Education Department for related materials.	Grade level: 7
Recommended Prerequisites: Computer Literacy and Computer Enrichment	Credit(s): 1.0
<u>What's Next?</u> Professional Communications T and Touch Systems Data Entry T	
Offered at Middle School campuses.	
Professional Communications Middle School T (PROFCOMM T)	CD09901 T
Professional Communications blends written, oral, and graphic communication in a career-based environment.	13009900
Careers in the global economy require individuals to be creative and have a strong background in computer and	
echnology applications, a strong and solid academic foundation, and a proficiency in professional oral and written	
communication. Within this context, students will be expected to develop and expand the ability to write, read, edit,	
peak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.	
Upon successful completion of this course, students will receive 0.5 high school credit. The grade received in the class is	
not used for the calculation of high school GPA. In order for the student to receive high school credit on their transcript,	
they must be in grades 7 or 8 and pass the course based on a high school grading scale. Professional Communications	
can be taught by a teacher with any career and technical education certification covering grades 7-12 but must be	
credentialled through the CTE Dept.	
nstructional Material: Professional Communications, 2017 Edition, Goodheart-Willcox Co.	Grade level: 8
Recommended Prerequisites: General Employability Skills for CTE	Credit(s): 0.5
Offered at Middle School campuses.	
Touch System Data Entry T (TSDATAE T)	CD11301 T
n Touch System Data Entry, students apply technical skills to address business applications of emerging technologies.	13011300
Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business	
environment. Students will need to apply touch system data entry skills for production of business documents. Upon	
successful completion of this course, students will receive 0.5 high school credit. The grade received in the class is not	
used for the calculation of high school GPA. In order for the student to receive high school credit on their transcript, they	
must be in grades 7 or 8 and pass the course based on a high school grading scale. The teacher must hold a Business	
eaching certificate.	
nstructional Material: Century 21 Computer Skills and Applications, Lesson 1-90, 10th Edition Cengage Learning	Grade level: 8
	Grade level: 8 Credit(s): 0.5

PRINCIPLES OF APPLIED ENGINEERING AB (PRAPPENG AB)	ST36202AB
Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and	13036200
nathematics and their interrelationships. Students will develop engineering communication skills, which include	Grade level: 7-8
computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications	HS Credit(s): 1
o complete assignments and projects. Upon completing this course, students will understand the various fields of	
ngineering and will be able to make informed career decisions. Further, students will have worked on a design team	
o develop a product or system. Students will use multiple software applications to prepare and present course	
issignments	
nstructional Material: Project Lead the Way Gateway curriculum for Design & Modeling, Automation & Robotics,	College Hour(s): NA
cience of Technology and Magic of Electrons furnished by CTE Department	Tier III
rerequisite(s): None	
Offered at: YMLA, YWLA, Leonard MS, WLI MS	
IONORS PRINCIPLES OF APPLIED ENGINEERING AB (PRAPPENG AB/H)	STH36202AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13036200
ctivities related to the program of study.	Grade level: 7-8
nstructional Material: Project Lead the Way curriculum furnished by CTE Department	HS Credit(s): 1
rerequisite(s): None	College Hour(s): NA
Offered at: YMLA, YWLA, Leonard MS, WLI MS	Tier II
NDEPENDENT STUDY IN EVOLVING/EMERGING TECHNOLOGIES (TAINDET1 AB)	IT81500AB
ndependent Study in Evolving/Emerging Technologies provides an overview of the various fields of science,	03581500
echnology, engineering, and mathematics and their interrelationships. Students will further develop engineering	Grade level: 7-8
communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer	HS Credit(s): 1
nardware and software applications to complete assignments and projects. Upon completing this course, students	
vill understand the various fields of engineering and will be able to make informed career decisions. Further, students	
vill have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.	
instructional Material: Project Lead the Way Gateway curriculum for four courses from the following: Energy & the	College Hour(s): NA
nvironment, Flight & Space, Medical Detectives, Green Architecture, App Creators, and Computer Science for Innovators	Tier III
nd Makers furnished by CTE Department	
rereallisite(s). None	
Prerequisite(s): None	
offered at: YMLA, YWLA, Leonard MS, WLI MS	ITH81500AB
Offered at: YMLA, YWLA, Leonard MS, WLI MS IONORS INDEPENDENT STUDY IN EVOLVING/EMERGING TECHNOLOGIES (TAINDET1 AB)	ITH81500AB
Offered at: YMLA, YWLA, Leonard MS, WLI MS IONORS INDEPENDENT STUDY IN EVOLVING/EMERGING TECHNOLOGIES (TAINDET1 AB) n addition to the regular course curriculum, students in the honors course will complete additional projects and	03581500
Differed at: YMLA, YWLA, Leonard MS, WLI MS HONORS INDEPENDENT STUDY IN EVOLVING/EMERGING TECHNOLOGIES (TAINDET1 AB) In addition to the regular course curriculum, students in the honors course will complete additional projects and incitivities related to the program of study.	03581500 Grade level: 7-8
Offered at: YMLA, YWLA, Leonard MS, WLI MS IONORS INDEPENDENT STUDY IN EVOLVING/EMERGING TECHNOLOGIES (TAINDET1 AB) n addition to the regular course curriculum, students in the honors course will complete additional projects and	03581500

# Technology Applications and Other Electives

Computer Literacy T	0390T
The primary focus of this course is to introduce students to cloud computing and to use computer	02670060
technology to analyze and evaluate information. Students will use computational thinking to synthesize	
knowledge, create solutions, and evaluate the results. Students will be introduced to basic keyboarding,	
Microsoft Office, and coding using appropriate grade-level applications. Presents the basic structure and	
workings of the Chromebook. Local credit only. Locally developed course.	
Instructional Material: eDynamics Learning online curriculum. Contact CTE Department for related	Grade level: 6
materials.	Credit(s): N/A
<u>Prerequisites:</u> None	
Computer Enrichment T	0411A
Students will learn detailed structure and workings of modern technology and computer hardware,	02670060
including Chromebooks. Students will use computational thinking to synthesize knowledge, create	
solutions, and evaluate the results. Intermediate keyboarding, coding, and Microsoft Office will be	
integrated throughout the course using appropriate grade-level applications.	
Local credit only. Locally developed course.	
Instructional Material: eDynamics Learning online curriculum. Contact CTE Department for related	Grade level: 6
materials.	Credit(s): N/A
<u>Prerequisites:</u> None	
Office Assistant	0022 (6th) or
	0023 (7th-8th)
Develops skills in office procedures: greeting visitors, telephone skills, taking messages, and filing.	82900001
Local credit only. Locally developed course	
Instructional Material: No Instructional Material	Grade level: 6-8
<u>Prerequisites:</u> None	Credit(s): N/A

### Health and Physical Education

The Texas Education Code, (TEC) 38.101, requires the District to test the physical fitness of students enrolled in grades 3-12 in any course that satisfies the curriculum requirements for physical education on an annual basis. This includes all courses that qualify as Physical Education substitutions. Additionally, TEC 38.103 requires the District to provide the results of individual student performance on the physical fitness assessment to the Texas Education Agency. The annual fitness assessment requirement is coordinated by the FWISD Department of Health and Physical Education.

Moving to Wellness	0174 A/B
Mandatory year-long course. No course substitution allowed. Each student will participate in learning and	02850000
practicing the key concepts of lifelong wellness; all the TEKS for 6th grade Physical Education and Health are	
addressed in the course. Students will, in most instances, participate in the physical part of the class every other	
week for a total of 225 minutes every two-week period. The physical education component of the class is	
lesigned to develop motor skills, knowledge, and behaviors for participating in a variety of lifetime physical	
ctivities and health-enhancing physical fitness. Additional physical components include sportsmanship, self-	
fficacy, emotional intelligence, and learning in three domains: cognitive, psychomotor, and affective. Students	
vill participate in at least 6 components of a health-related fitness assessment at least once a year. The health	
ducation component of the class is designed to develop knowledge and skills for adopting healthy behaviors	
or a lifetime of enhanced wellness. Key health components include Emotional & Mental Health; Nutrition &	
Physical Activity; Tobacco, Alcohol & Drug Prevention; Violence & Injury Prevention; and Abstinence, Puberty &	
Personal Health.	
nstructional Material: 0666 – HealthSmart, ETR, Choosing the Best, and SPARK Physical Education	Grade level: 6
Prerequisites: None	Credit(s): N/A
Vhat's Next? Physical Education or Competitive Athletics	
Gr 7 or 8 Physical Education	0172 A/B (7th) or
	0173 A/B (8th)
hese physical education courses are designed to develop motor skills, knowledge, and behaviors for active	03823000
iving, physical fitness, sportsmanship, self-efficacy, and emotional intelligence. Both courses have unique and	
lifferentiated content to support the development and enhancement of physical literacy for a lifetime of	
hysical activity participation and improved wellness.	
nstructional Material: SPARK Physical Education	Grade level: 7-8
Prerequisites: None	Credit(s): N/A
<u>Vhat's Next</u> ? High School Health & Physical Education	
Competitive Athletics, Boys Athletics, Gr 7	0167 A/B
Competitive Athletics, Girls Athletics, Gr 7	0168 A/B
Competitive Athletics, Boys Athletics, Gr 8	0169 A/B
Competitive Athletics, Girls Athletics, Gr 8	0170 A/B
his course is designed to enhance student-athletic sports, skill development, appreciation for	03823000
portsmanship, knowledge of the sport, understanding and value of rules of play, and physical fitness.	
All three aspects of competitive athletic development are addressed: physical, mental, and social. Student	
hould possess a desire to participate in competitive athletics, which involves outside-of-school-day	
participation in practices and games for in-season sport.	
nstructional Material: No state adopted instructional material(s)/Contact content Director.	Grade level: 7-8
Prerequisites: Student is willing to make a commitment to participate in two or more sports after school. Student	Credit(s): N/A
s also required to complete the UIL Pre-Participation Physical Evaluation-Physical Examination/Medical	
History forms before participation in any practice before, during, or after school. Fort Worth ISD requires the	
completion of seven (7) Fort Worth ISD/UIL Pre-Participation forms before participating in athletic class. Forms	
must be complete before the tenth day of the new school year.	

May substitute for PE credit.

#### The following chart indicates course names and numbers of all seventh and eighth grade competitive athletics.

Seventh	Grade Athletics	 Eighth G	rade Athletics
Course Number	Course Name	Course Number	Course Name
FB72	Football 7AB	FB82	Football 8AB
VB72	Volleyball 7AB	VB82	Volleyball 8AB
		BSC82	Boys Soccer 8AB
		GSC82	Girls Soccer 8AB
BBK72	Boys Basketball 7AB	BBK82	Boys Basketball 8AB
GBK72	Girls Basketball 7AB	GBK82	Girls Basketball 8AB
BTK72	Boys Track 7AB	BTK82	Boys Track 8AB
GTK72	Girls Track 7AB	GTK82	Girls Track 8AB

**<u>District-approved off-campus activities</u>** may also substitute for required physical education if specific criteria are met, per Policy ELF (Legal and Local).

The Fort Worth ISD Physical Education Waiver Program provides an opportunity for students in grades 7-12 to receive credit for participation in an off-campus athletic/training program. FWISD is authorized by the Texas Education Agency (TEA) to substitute participation in private or commercially sponsored programs for the FWISD middle school physical education requirement (7<sup>th</sup> & 8<sup>th</sup> grades) and the state-required high school physical education graduation credit. The FWISD Health and Physical Education Department must ensure the program, agency, and instructor meet the waiver criteria in order to approve all requests through the application process.

All inquiries and applications are to be directed to the Director of the FWISD Health and Physical Education Department. Applications are due prior to Labor Day for the fall semester and by January 15 for the spring semester. A FWISD enrollment fee of \$25.00 will be assessed per semester unless a single payment of \$50.00 for both semesters is made at the beginning of the year. Fees are subject to change.

# Junior Cadet Corps

Junior Cadet Corps I, II, III	0164 A/B(6th), 0166 A/B (7th), or 0176 A/B (8th)
The Junior Cadet Corps (JCC) curriculum is created on the foundation and success of our nation's Junior Reserved Officer's Training Corps (JROTC). JCC addresses a number of national academic and state standards. This curriculum includes course work on Leadership, Civic Service, Health and Wellness, Language Arts, STEM Robotics, and Life Skills. Additionally, JCC Instructors will use the Character, Health, & Fitness, Service, and Leadership (ChiSL) curriculum to enhance student outcomes, increase community leadership, and character development. The JCC curriculum is based on the principles of performance-based, interactive learner-centered education. It promotes the development of critical thinking, capacity for life-long learning, communication skills, decision-making, good citizenship, and respectful treatment of others.	85000XXX (6th) or 03823000 (7th-8th)
nstructional Material: Student Text, Revised JCC handbook dated August 2022; VNEP Global Map, selected VNEP lessons, and revised JCC Instructor Workbook/ Contact JROTC Operations and Training Prerequisites: None for Grade 6, for grades 7 & 8, the student must have completed the first semester prior to enrolling in the second semester <u>What's Next?</u> Next Cadet Level Local credit only for the 6th grade class. The 7th and 8th grade courses meet the TEKS for PE for grades 7 and 8, respectively, and can substitute for PE in those grades.	Grade level: 6-8 Credit(s): N/A

# *MIDDLE SCHOOL INDEX* 2024 - 2025

Course #	Course Title	MS Page #	Subject Area
	Programs of Choice & Preparatory C	Courses	
0261	Avid A/B, Grade 6	MS – 3	Preparatory and SOC/POC
0269	Avid A/B, Grade 7	MS – 3	Preparatory and SOC/POC
0270	Avid A/B, Grade 8	MS – 3	Preparatory and SOC/POC
	English Language Arts		
0041	English Language Arts, Grade 6A/B	MS – 4	English Language Arts
0084	Sheltered English Language Arts, Grade 6A/B	MS – 4	English Language Arts
0064	Sheltered English Language Arts - NP, Grade 6A/B	MS – 4	English Language Arts
00041	English Language Arts, Enhanced (Humanities), Grade 6A/B	MS – 4	English Language Arts
00084	Sheltered English Language Arts, Enhanced (Humanities), Grade 6A/B	MS – 4	English Language Arts
0015	Honors English Language Arts, Grade 6A/B	MS – 5	English Language Arts
0087	Sheltered Honors English Language Arts, Grade 6A/B	MS – 5	English Language Arts
0042	English Language Arts, Grade 7A/B	MS – 5	English Language Arts
0085	Sheltered English Language Arts, Grade 7A/B	MS – 5	English Language Arts
0065	Sheltered English Language Arts - NP, Grade 7A/B	MS – 5	English Language Arts
00042	English Language Arts, Enhanced (Humanities), Grade 7A/B	MS – 5	English Language Arts
00085	Sheltered English Language Arts, Enhanced (Humanities), Grade 7A/B		English Language Arts
0019	Honors English Language Arts, Grade 7A/B	MS – 5	English Language Arts
0019	Sheltered Honors English Language Arts, Grade 7A/B	MS – 5	English Language Arts
00837	English Language Arts, Grade 8A/B	MS – 5	English Language Arts
0043	Sheltered English Language Arts, Grade 8A/B	MS – 5	English Language Arts
0086	Sheltered English Language Arts - NP, Grade 8A/B	MS – 5	English Language Arts
000043	Enhanced English Language Arts (Humanities), Grade 8A/B	MS - 6	English Language Arts
00043	Sheltered Enhanced English Language Arts (Humanities), Grade 8A/B	MS – 6	English Language Arts
00000	Honors English Language Arts, Grade 8A/B	MS – 6	English Language Arts
0025	Sheltered Honors English Language Arts, Grade 8A/B	MS – 6	English Language Arts
3090	Honors English IA/B	MS – 6	English Language Arts
3089	Sheltered Honors English IA/B	MS – 6	English Language Arts
0107	Spanish Language Arts & Reading		English Language Arts
0107	Reading	1015 0	English Language Alts
0280	Sheltered Reading, Grade 6A/B	MS – 7	Reading
0280	Structured Literacy, Grade 6A/B		Reading
	-		
0299	Sheltered Structured Literacy, Grade 6A/B		Reading
0283	Sheltered Reading, Grade 7A/B	MS – 7	Reading
0260	Structured Literacy, Grade 7A/B		Reading
0262	Sheltered Structured Literacy, Grade 7A/B		Reading
0288	Sheltered Reading, Grade 8A/B		Reading
0295	Reading for Identified Dyslexic Students, Grade 6A/B	MS – 8	Reading
0296	Reading for Identified Dyslexic Students, Grade 7A/B	MS – 8	Reading
0297	Reading for Identified Dyslexic Students, Grade 8A/B	MS – 8	Reading
0251	Structured Literacy, Grade 8A/B	MS – 8	Reading
0253	Sheltered Structured Literacy, Grade 8A/B	MS – 8	Reading
	Emergent Bilingual (EB) Stud Grade 6 Nouveemer Program St		
0064	Grade 6 Newcomer Program St		English Learners
0064	ESL-NP, Grade 6A/B	MS – 10, 11	English Learners
0058	ESL Lab-NP, Grade 6A/B	MS – 10, 11	English Learners
0192	Sheltered Math-NP, Grade 6A/B	MS – 10	English Learners
0308	Sheltered Science-NP, Grade 6A/B	MS – 10	English Learners
0328	Sheltered Social Studies-NP, Grade 6A/B	MS – 10	English Learners

Course #	Course Title	MS Page #	Subject Area
	Grade 6 Transition ESL Studen	ts	
0084	ESL, Grade 6A/B	MS – 10, 11	English Learners
0082	ESL Lab-TR, Grade 6A/B		English Learners
0087	Sheltered Honors English, Grade 6A/B	MS – 10	English Learners
0193	Sheltered Math, Grade 6A/B	MS – 10	English Learners
0194	Sheltered Honors Math, Grade 6A/B	MS – 10	English Learners
02056	Sheltered Honors Accelerated Math, Grade 6A/B	MS – 10	English Learners
0310	Sheltered Science, Grade 6A/B	MS – 10	English Learners
0321	Sheltered Honors Science, Grade 6A/B	MS – 10	English Learners
0330	Sheltered Social Studies, Grade 6A/B	MS – 10	English Learners
0350	Sheltered Honors Social Studies, Grade 6A/B	MS – 10	English Learners
	Grade 7 Newcomer Program Stud		
0572	ELLA, Grade 7A/B		English Learners
0060	ESL Lab-NP, Grade 7A/B		English Learners
0195	Sheltered Math-NP, Grade 7A/B	MS – 10	English Learners
0312	Sheltered Science-NP, Grade 7A/B	MS – 10	English Learners
0332	Sheltered Social Studies-NP, Grade 7A/B	MS – 10	English Learners
	Grade 7 Transition ESL Studen		
0085	ESL, Grade 7A/B		English Learners
0083	ESL Lab-TR, Grade 7A/B		English Learners
00857	Sheltered Honors English, Grade 7A/B	MS – 10	English Learners
0197	Sheltered Math, Grade 7A/B	MS – 10	English Learners
01977	Sheltered Honors Math, Grade 7A/B	MS – 10	English Learners
0314	Sheltered Science, Grade 7A/B	MS – 10	English Learners
03147	Sheltered Honors Science, Grade 7A/B	MS – 10	English Learners
0333	Sheltered Social Studies, Grade 7A/B	MS – 10	English Learners
03337	Sheltered Honors Social Studies, Grade 7A/B	MS – 10	English Learners
	Grade 8 Newcomer Program Stude		
0573	ELLA, Grade 8A/B		English Learners
0062	ESL Lab-NP, Grade 8A/B		English Learners
0198	Sheltered Math-NP, Grade 8A/B	MS – 10	English Learners
0320	Sheltered Science-NP, Grade 8A/B	MS – 10	English Learners
0335	Sheltered Social Studies-NP, Grade 8A/B	MS – 10	English Learners
	Grade 8 Transition ESL Studen		
0086	ESL, Grade 8A/B		English Learners
0088	ESL Lab-TR, Grade 8A/B		English Learners
00868	Sheltered Honors English, Grade 8A/B	MS – 10	English Learners
3089	Sheltered Honors English I (HS#)	MS – 10	English Learners
0199	Sheltered Math, Grade 8A/B	MS – 10	English Learners
01998	Sheltered Pre-Algebra, Grade 8A/B	MS – 10	English Learners
7047	Sheltered Honors Algebra (HS#)	MS – 10	English Learners
0322	Sheltered Science, Grade 8A/B	MS – 10	English Learners
03228	Sheltered Honors Science, Grade 8A/B	MS – 10	English Learners
7576	Sheltered Honors Biology (HS#)	MS – 10	English Learners
0338	Sheltered Social Studies, Grade 8A/B	MS – 10	English Learners
03388	Sheltered Honors Social Studies, Grade 8A/B	MS – 10	English Learners
0051	Special Education	MC 14	Special Education
0051	Basic English Language Arts, Grade 6A/B	MS – 14	Special Education Special Education
0052	Basic English Language Arts, Grade 7A/B	MS – 14	• •
0053	Basic English Language Arts, Grade 8A/B	MS – 14	Special Education
0214	Basic Mathematics, Grade 6A/B	MS – 14	Special Education
0216	Basic Mathematics, Grade 7A/B	MS – 14	Special Education
0218	Basic Mathematics, Grade 8A/B	MS – 14	Special Education
0316	Basic Science, Grade 6A/B	MS – 14	Special Education
0317	Basic Science, Grade 7A/B	MS – 15	Special Education
0318	Basic Science, Grade 8A/B	MS – 15	Special Education

Course #	Course Title	MS Page #	Subject Area
-	Special Education - Contin		•
0346	Basic Social Studies, Grade 6A/B	MS – 15	Special Education
0347	Basic Social Studies, Grade 7A/B	MS – 15	Special Education
0348	Basic Social Studies, Grade 8A/B	MS – 15	Special Education
0029	Communications IA/B	MS – 15	Special Education
0031	Communications IIA/B	MS – 15	Special Education
0033	Communications IIIA/B	MS – 15	Special Education
0213	Applied Math IA/B	MS – 16	Special Education
0215	Applied Math IIA/B	MS – 16	Special Education
0217	Applied Math IIIA/B	MS – 16	Special Education
0276	Reading Strategies and Skills IA/B	MS – 16	Special Education
0277	Reading Strategies and Skills IIA/B	MS – 16	Special Education
0278	Reading Strategies and Skills IIIA/B	MS – 16	Special Education
0307	Applied Science IA/B	MS – 16	Special Education
0309	Applied Science IIA/B	MS – 16	Special Education
0311	Applied Science IIIA/B	MS – 16	Special Education
0339	Community Citizenship IA/B	MS – 16	Special Education
0340	Community Citizenship IIA/B	MS – 16	Special Education
0343	Community Citizenship IIIA/B	MS – 16	Special Education
0155	Person Health/Hygiene IA/B	MS – 16	Special Education
0157	Person Health/Hygiene IIA/B	MS – 16	Special Education
0159	Person Health/Hygiene IIIA/B	MS – 16	Special Education
0785	Community Skills IA/B	MS – 16	Special Education
0787	Community Skills IIA/B	MS – 16	Special Education
0789	Community Skills IIIA/B		Special Education
0779	Activities of Daily Living IA/B	MS – 17	Special Education
0781	Activities of Daily Living IIA/B	MS – 17	Special Education
0783	Activities of Daily Living IIIA/B	MS – 17	Special Education
0773	Recreation/Leisure IA/B	MS – 17	Special Education
0775	Recreation/Leisure IIA/B	MS – 17	Special Education
0777	Recreation/Leisure IIIA/B	MS – 17	Special Education
0291	Basic Reading VIAB	MS – 17	Special Education
0292	Basic Reading VIIAB	MS – 17	Special Education
0293	Basic Reading VIIIAB	MS – 17	Special Education
	Mathematics		• •
0200	Mathematics, Grade 6A/B	MS – 18	Mathematics
0192	Sheltered Mathematics–NP, Grade 6A/B		Mathematics
0193	Sheltered Mathematics, Grade 6A/B	MS – 18	Mathematics
0204	Honors Mathematics, Grade 6A/B		Mathematics
0194	Sheltered Honors Mathematics, Grade 6A/B	MS – 18	Mathematics
0205	Honors Accelerated Mathematics, Grade 6A/B	MS – 19	Mathematics
02056	Sheltered Honors Accelerated Mathematics, Grade 6A/B	MS – 19	Mathematics
0202	Mathematics, Grade 7A/B	MS – 19	Mathematics
0195	Sheltered Mathematics-NP, Grade 7A/B	MS – 19	Mathematics
0197	Sheltered Mathematics, Grade 7A/B	MS – 19	Mathematics
0207	Honors Mathematics, Grade 7A/B	MS – 19	Mathematics
01977	Sheltered Honors Mathematics, Grade 7A/B	MS – 19	Mathematics
0203	Mathematics, Grade 8A/B	MS – 19	Mathematics
0198	Sheltered Mathematics-NP, Grade 8A/B	MS – 19	Mathematics
0199	Sheltered Mathematics, Grade 8A/B	MS – 19	Mathematics

Course #	Course Title	MS Page #	Subject Area
	- Mathematics - Continued	-	•
0219	Pre-Algebra, Grade 8A/B	MS – 19	Mathematics
01998	Sheltered Pre-Algebra, Grade 8A/B	MS – 19	Mathematics
7055	Honors Algebra IA/B	MS – 20	Mathematics
7047	Sheltered Honors Algebra IA/B	MS – 20	Mathematics
7073	Honors Geometry A/B	MS – 20	Mathematics
7074	Sheltered Honors Geometry A/B	MS – 20	Mathematics
0201	Enhanced Mathematics, Grade 6A/B	MS – 20	Mathematics
0206	Enhanced Mathematics, Grade 7A/B	MS – 20	Mathematics
0222	Mathematics Laboratory: Problem Solving Approach A/B	MS – 20	Mathematics
7421	Texas Pre-Freshman Engineering Program IA/B	MS – 20	Mathematics
7423	Texas Pre-Freshman Engineering Program IIA/B	MS – 20	Mathematics
	Science		•
0300	Science, Grade 6 A/B	MS – 21	Science
0308	Sheltered Science-NP, Grade 6A/B	MS – 21	Science
0310	Sheltered Science, Grade 6A/B	MS – 21	Science
0313	Accelerated Science, Grade 6A/B	MS – 21	Science
0321	Sheltered Accelerated Science, Grade 6A/B	MS – 21	Science
0304	Science, Grade 7A/B	MS – 22	Science
0312	Sheltered Science-NP, Grade 7A/B	MS – 22	Science
0314	Sheltered Science, Grade 7A/B	MS – 22	Science
0303	Science, Accelerated, Grade 7A/B	MS – 22	Science
03147	Sheltered Science, Accelerated, Grade 7A/B	MS – 22	Science
0305	Science, Grade 8A/B	MS – 22	Science
0320	Sheltered Science-NP, Grade 8A/B	MS – 22	Science
0322	Sheltered Science, Grade 8A/B	MS – 22	Science
7574	Honors Biology AB	MS – 22	Science
7576	Sheltered Honors Biology AB	MS – 22	Science
7532	Integrated Physics/Chemistry A/B	MS – 22	Science
7528	Sheltered Integrated Physics/Chemistry A/B	MS – 22	Science
0357	Botany, Grade 6 T	MS – 23	Science
0356	Botany, Grade 7/8 T	MS – 23	Science
7421	Texas Pre-Freshman Engineering Program IA/B	MS – 23	Science
7423	Texas Pre-Freshman Engineering Program IIA/B	MS – 23	Science
	Social Studies		•
0331	Social Studies, Grade 6A/B	MS – 24	Social Studies
0328	Sheltered Social Studies-NP, Grade 6A/B	MS – 24	Social Studies
0330	Sheltered Social Studies, Grade 6A/B	MS – 24	Social Studies
0325	Honors Social Studies, Grade 6A/B	MS – 24	Social Studies
0350	Sheltered Honors Social Studies, Grade 6A/B	MS – 24	Social Studies
0336	Social Studies, Grade 7A/B	MS – 25	Social Studies
0332	Sheltered Social Studies-NP Grade 7A/B	MS – 25	Social Studies
0333	Sheltered Social Studies, Grade 7A/B	MS – 25	Social Studies
0327	Honors Social Studies, Grade 7A/B	MS – 25	Social Studies
03337	Sheltered Honors Social Studies, Grade 7A/B	MS – 25	Social Studies
0337	Social Studies, Grade 8A/B	MS – 25	Social Studies
0335	Sheltered Social Studies-NP, Grade 8A/B	MS – 25	Social Studies
0338	Sheltered Social Studies, Grade 8A/B	MS – 25	Social Studies
0329	Honors Social Studies, Grade 8A/B	MS – 25	Social Studies
03388	Sheltered Honors Social Studies, Grade 8A/B	MS – 25	Social Studies
0345	How to Study, Grade 6 T	MS – 25	Social Studies
0342	How to Study, Grade 7/8 T	MS – 25	Social Studies
8002	Special Topics in Social Studies: Geography Themes & Perspectives A/B	MS – 25	Social Studies

Course #	Course Title	MS Page #	Subject Area
	Fine Arts - Art	Je i ge	
0001	Art, Middle School 1A/B	MS – 26	Fine Arts - Art
0002	Art, Middle School 2A/B		Fine Arts - Art
0003	Art, Middle School 3A/B	MS – 26	Fine Arts - Art
0007	Photographic Design, Grade 7A/B	MS – 26	Fine Arts - Art
0008	Photographic Design, Grade 8 A/B	MS – 26	Fine Arts - Art
1010	Art, Level I, HS Art IA/B	MS – 26	Fine Arts - Art
	Fine Arts - Dance & Theatre		
01600	Middle School Dance 1A/B		Fine Arts - Dance
0160	Middle School Dance 2A/B		Fine Arts - Dance
0163	Middle School Dance 3A/B	MS – 27	Fine Arts - Dance
0077	Middle School Theatre 1A/B	MS – 27	Fine Arts - Theatre
0079	Middle School Theatre 2A/B		Fine Arts - Theatre
0081	Middle School Theatre 3A/B	MS – 27	Fine Arts - Theatre
-	Fine Arts - Choral Music		
0258	Choral Level 1 - Treble		Fine Arts - Choral Music
0259	Choral Level 1 – Tenor/Bass		Fine Arts - Choral Music
02591	Choral Level 1 – Show Choir		Fine Arts - Choral Music
0264	Choral Level 2 - Treble		Fine Arts - Choral Music
0238	Choral Level 2 - Tenor/Bass		Fine Arts - Choral Music
02431	Choral Level 2 – Show Choir		Fine Arts - Choral Music
0266	Choral Level 3 - Treble		Fine Arts - Choral Music
0240	Choral Level 3 - Tenor/Bass		Fine Arts - Choral Music
02401	Choral Level 3 – Show Choir		Fine Arts - Choral Music
0000	Fine Arts - Instrumental Music		
0223	Middle School Band Level 1		Fine Arts - Instrumental Music
0226	Middle School Band Level 2		Fine Arts - Instrumental Music
0228 0182	Middle School Band Level 3		Fine Arts - Instrumental Music
	Middle School Instrumental Ensemble		Fine Arts - Instrumental Music
0184	Middle School Instrumental Ensemble Middle School Instrumental Ensemble		Fine Arts - Instrumental Music Fine Arts - Instrumental Music
0248 0233	Middle School Mariachi Ensemble Level 1		Fine Arts - Instrumental Music
0235	Middle School Mariachi Ensemble Level 1		Fine Arts - Instrumental Music
0233	Middle School Mariachi Ensemble Level 2		Fine Arts - Instrumental Music
0257	Middle School Jazz Ensemble		Fine Arts - Instrumental Music
0268	Middle School Jazz Ensemble		Fine Arts - Instrumental Music
0252	Middle School Orchestra Level 1		Fine Arts - Instrumental Music
0232	Middle School Orchestra Level 2		Fine Arts - Instrumental Music
0105	Middle School Orchestra Level 3		Fine Arts - Instrumental Music
0244	World Languages	1013 - 20, 29	The Arts - Instrumental Music
0099	Discovering Languages and Cultures T	MS – 30	World Languages
0100	Discovering Languages and Cultures A/B		World Languages
0125	American Sign Language, Grade 7A/B		World Languages
0127	American Sign Language, Grade 8A/B		World Languages
0145	Arabic, Grade 7A/B	MS – 31	World Languages
0147	Arabic, Grade 8A/B		World Languages
0115	Chinese, Grade 7A/B	MS – 31	World Languages
0117	Chinese, Grade 8A/B	MS – 31	World Languages
0101	French, Grade 7A/B	MS – 31	World Languages
0103	French, Grade 8A/B	MS – 31	World Languages
0141	German, Grade 7A/B	MS – 31	World Languages
0143	German, Grade 8A/B	MS – 31	World Languages
0135	Italian, Grade 7A/B	MS – 31	World Languages
0137	Italian, Grade 8A/B	MS – 31	World Languages
0121	Japanese, Grade 7A/B		World Languages
0123	Japanese, Grade 8A/B		World Languages
0129	Introductory Latin A/B		World Languages
0131	Latin, Grade 7A/B		World Languages
0133	Latin, Grade 8A/B	MS – 32	World Languages

Course #	Course Title	MS Page #	Subject Area
	World Languages - Continued	-	
0105	Portuguese, Grade 7A/B	MS – 32	World Languages
0106	Portuguese, Grade 8A/B	MS – 32	World Languages
0104	Spanish Language Enrichment A/B		World Languages
0111	Languages Other Than English, Level 1, Spanish, Grade 7A/B	MS – 32	World Languages
0113	Languages Other Than English, Level 2, Spanish, Grade 8A/B	MS – 32	World Languages
4079	Spanish (for Spanish speakers) Level 1 4079A & Level 2 4079B		World Languages
4080	Spanish (for Spanish speakers) Level 3 4080A & Level 4 4080B	MS – 32	World Languages
4077	Honors Spanish Level IIIA/B	MS – 33	World Languages
4081	AP Spanish Language & Culture IVA/B	MS – 33	World Languages
4073	Spanish II AB	MS – 33	World Languages
	Career and Technical Education	1	
CD0677	General Employability Skills for CTE	MS – 35	Career & Technical Education
CD09901	Professional Communications Middle School T	MS - 35	Career & Technical Education
CD11301	Touch System Data Entry T	MS – 35	Career & Technical Education
ST36202	Principles of Applied Engineering A/B	MS – 36	Career & Technical Education
STH36202	Honors Principles of Applied Engineering A/B	MS – 36	Career & Technical Education
IT81500	Independent Study in Evolving/Emerging Technologies A/B	MS – 36	Career & Technical Education
ITH81500	Honors Independent Study in Evolving/Emerging Technologies A/B	MS – 36	Career & Technical Education
	Technology Applications	-	
0390	Computer Literacy T		Technology Applications
0411	Computer Enrichment Laboratory A	MS – 37	Technology Applications
	Other Electives		
0022	Office Assistant, Grade 6	MS – 37	Local Credit Only
0023	Office Assistant, Grade 7/8	MS – 37	Local Credit Only
	Health and Physical Education		
0174	Moving to Wellness, Grade 6A/B		Health & PE
0172	Physical Education, Grade 7A/B	MS – 38	Health & PE
0173	Physical Education, Grade 8A/B	MS – 38	Health & PE
0167	Competitive Athletics, Boys Athletics, Grade 7A/B		Health & PE
0168	Competitive Athletics, Girls Athletics, Grade 7A/B		Health & PE
0169	Competitive Athletics, Boys Athletics, Grade 8A/B		Health & PE
0170	Competitive Athletics, Girls Athletics, Grade 8A/B	MS – 38	Health & PE
	Junior Cadet CORPS		
0164	Junior Cadet Corps I, Grade 6A/B		JCC
0166	Junior Cadet Corps I, Grade 7A/B	MS – 40	JCC
0176	Junior Cadet Corps II, Grade 8A/B	MS – 40	JCC

# HIGH SCHOOL APPROVED COURSES GRADES 9-12

# Academic Preparatory Programs

AVID I (ADVANCEMENT VIA INDIVIDUAL DETERMINATION I AB) (AVID I AB)	0660 AB
The 9 <sup>th</sup> grade AVID Elective course will serve as a review of the AVID philosophy and strategies. Students will work	N1290001
on academic and personal goals, communication, and adjusting to the high school setting. Students will increase	Grade level: 9
wareness of their personal contributions to their learning, as well as their involvement in their school and	HS Credit(s): 1.0
community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will	College Hour(s): N/A
vork in collaborative settings, learning how to participate in collegial discussions and use sources to support their	Tier III
deas and opinions. Students will prepare for and participate in college entrance and placement exams, while refining	
tudy skills and test-taking, note-taking, and research techniques. They will take an active role in field trips and guest	
peaker preparations and presentations. Their college research will include financial topics and building their	
nowledge of colleges and careers of interest.	
nstructional Material: Materials provided through contract with AVID Center	
Prerequisites: Middle School AVID, or Application to and Acceptance into 9th Grade AVID program	
AVID is a state-approved academic elective credit course.	
<u>What's next?</u> AVID II AB (Advancement Via Individual Determination)	0001 45
AVID II (ADVANCEMENT VIA INDIVIDUAL DETERMINATION II AB) (AVID II AB)	0661 AB
During the 10 <sup>th</sup> grade AVID Elective course, students will refine the AVID strategies to meet their independent needs	N1290002
Ind learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing	Grade level: 10
wareness of their actions and behaviors. As students increase the rigorous course load and school/community	HS Credit(s): 1.0
nvolvement, they will refine their time management and study skills accordingly. Students will expand their writing	College Hour(s): N/A
portfolio to include: analyzing prompts, supporting arguments and claims, character analysis and detailed reflections.	Tier III
itudents will also analyze various documents, in order to participate in collaborative discussions and develop	
eadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college	
entrance exams. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.	
nstructional Material: Materials provided through contract with AVID Center	
Prerequisites: AVID I, or Application to and Acceptance into 10th Grade AVID	
AVID is a state-approved academic elective credit course.	
<u>What's next?</u> AVID III AB (Advancement Via Individual Determination)	
AVID III (ADVANCEMENT VIA INDIVIDUAL DETERMINATION III AB) (AVID III AB)	0671 AB
The 11 <sup>th</sup> grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and	N1290030
ritical thinking expected of first- and second-year college students. This course is organized around the theme of	Grade level: 11
Leadership as a Catalyst for Change in Society." Students study, in depth, exceptional leaders in contemporary society	
ind examine the effect that these individuals have had on culture, politics, education, history, science and the arts. The	College Hour(s): N/A
ourse requires that students read essays, speeches, articles and letters by these leaders, as well as at least one full-	Tier III
ength work by the leader or about the leader. Also, each student is required to conduct a research project that is	
resented in the senior year. In addition to the academic focus of the AVID seminar, there are college-bound activities,	
nethodologies and tasks that should be undertaken during the junior year to support students as they apply to four-	
ear universities and confirm their postsecondary plans.	
nstructional Material: Materials provided through contract with AVID Center	
Prerequisites: Successful completion of AVID II; No students are admitted "new" to AVID junior year without AVID	
District Director approval	
WID is a state-approved academic elective credit course.	
<u>What's next?</u> AVID IV AB (Advancement Via Individual Determination)	
AVID IV (ADVANCEMENT VIA INDIVIDUAL DETERMINATION IV AB) (AVID IV AB)	0664 AB
The AVID Elective 12 <sup>th</sup> grade course is the second part in a junior/senior seminar course that focuses on writing	N1290033
and critical thinking expected of first- and second-year college students. This course continues around the theme of	Grade level: 12
Leadership as a Catalyst for Change in Society." Students will complete a final research essay project from research	HS Credit(s): 1.0
onducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are	College Hour(s): N/A
ollege-bound activities, methodologies and tasks that should be achieved during the senior year that support	Tier III
tudents as they apply to four-year universities and confirm their postsecondary plans. All AVID seniors are required	
o develop and present a portfolio representing their years of work in the AVID program, as well as complete the	
equirements for the seminar course. The AVID Senior Seminar (AVID IV) is the culmination of a student's years in the	
WID program and involves substantial critical reading and writing, and preparation for external exams. Students eceive assistance in completing their college and financial aid/scholarship applications. In addition, students will	

Instructional Material: Materials provided through contract with AVID Center	
Prerequisites: Successful completion of AVID III; no students are admitted "new" to AVID senior year without AVID	
District Director approval	
AVID is a state-approved academic elective credit course.	
DUAL CREDIT COLLEGE TRANSITION AB (CLGTRN AB DC)	0668 AB
TCC Course: College Learning Framework (EDUC 1300)	
A study of the research and theory in the psychology of learning, cognition, and motivation; factors that impact	N1290050
learning; and application of learning strategies. Theoretical models of strategic learning, cognition, and motivation	Grade level: 9-12
serve as the conceptual basis for the introduction of college-level student academic strategies. Students use	HS Credit(s): 1.0
assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as	College Hour(s): 3 hours
strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their	Tier I
own academic programs and become effective and efficient learners. Students developing these skills should be	
able to continually draw from the theoretical models they have learned.	
Instructional Material: Contact Content Director	
Prerequisites: None	
This is a regular college-level Education course in which dual credit will be awarded for College Education and high	
school College Transition. The student will receive 3 hours college credit and 1 high school credit when completed	
successfully.	
PREPARING STUDENTS FOR ADVANCED TESTING I T (PSAT I T)	8221 T
Provides students an opportunity to develop test-taking strategies for use on PSAT, SAT, and other college entrance	Local Credit Only
examinations. Skills addressed help improve performance on standardized tests. Includes vocabulary building, reading	Grade level: 9-12
improvement, mathematics, and reasoning skills.	HS Credit(s): 0
Instructional Material: Contact Content Director	College Hour(s): NA
Prerequisites: Student interest	Tier III

<u>Prerequisites:</u> Student interest Local credit only. No credit is earned toward graduation for this course.

# ENGLISH LANGUAGE ARTS, JOURNALISM, READING, SPEECH & EMERGENT BILINGUAL

High School English Course Credit Chart	.Page 1
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Journalism	.Page 11
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Speech	.Page 17
Emergent Bilingual Students (EB)	Page 20

#### **ENGLISH LANGUAGE ARTS GRADUATION REQUIREMENTS**

#### ALL STUDENTS ARE REQUIRED to take English I (EOC) & English II (EOC) or EngSOL | & ||

#### All Foundation Plans (22 & 26 credits) Require 4 English credits

The 3rd English credit may be selected from the following:

- English III
- AP Language & Composition
- DC English Composition
- AP Literature & Composition
- OnRamps English Rhetoric & Writing 3044AB (may only take once for Eng III OR Eng IV - 1 credit)

**The 4th English credit** may be selected from one full credit or a combination of two half credits from two different courses, subject to prerequisite requirements.

The 4th English credit may be selected from the following:

- English IV
- Humanities
- AP Language & Composition
- AP Literature & Composition
- OnRamps English Rhetoric & Writing 3045AB (may only take once for Eng III OR Eng IV - 1 credit)
- Business English
- College Preparatory English
- DC English Composition
- DC Research & Technical Writing
- DC British Literature
- DC American Literature

#### Possible Endorsement Opportunities:

- Multidisciplinary
- Business & Industry
- Arts & Humanities

#### English Language Arts Recommended Course Sequence and Testing Guide

	Traditional		Honors		Advanced Placement (AP) / Dual Credit (DC)		
6th	Gr 6 ELAR: 0041	STAAR Gr 6	Honors Gr 6 ELAR: 0015	Enhanced Gr 6 ELAR: 00041	STAAR Gr 6	Honors Gr 6 ELAR: 0015	STAAR Gr 6
7th	Gr 7 ELAR: 0042	STAAR Gr 7	Honors Gr 7 ELAR: 0019	Enhanced Gr 7 ELAR: 00042	STAAR Gr 7	Honors Gr 7 ELAR: 0019	STAAR Gr 7
8th	Gr 8 ELAR: 0043	STAAR Gr 8	Honors Gr 8 ELAR: 0025	Enhanced Gr 8 ELAR: 00043	STAAR Gr 8	Honors English I: 3090	Eng I EOC
9th	English I: 3011	Eng I EOC	Honors E	Honors English I: 3090		Honors English II: 3092	Eng II EOC PSAT
10th	English II: 3013	Eng II EOC	Honors English II: 3092		Eng II EOC PSAT	Honors English III: 3094 Advanced ELAR	Exams vary by course
11th	English III: 3015	PSAT SAT ACT	Honors English III: 3094 AP/DC ELAR Elective or Advanced ELAR		Exams vary by course	OnRamps English (may only take once for Eng III or Eng IV – 1 credit) AP/DC ELAR Elective or Advanced ELAR	Exams vary by course
12th	English IV: 3017 College Preparatory English: 3131	PSAT SAT ACT TSI	OnRamps English (may only take once for Eng III or Eng IV – 1 credit) AP/DC ELAR Elective or Advanced ELAR		Exams vary by course	AP/DC ELAR Elective OnRamps English (may only take once for Eng III or Eng IV – 1 credit)	Exams vary by course

ENGLISH I AB SHELTERED ENGLISH I AB ENGLISH I AB EngSOL I AB	3011 AB 0546 AB 30115 AB 0541 AB
Provides students opportunities to continue increasing and refining their written and oral communication skills. Students read and learn from world literature that represents a variety of cultures. Students address reading, writing, research, listening, speaking, and oral and written conventions that are reflected in the TEKS.	03220100
Instructional Material: McGraw Hill Study Sync, Grade 9 TX Std, ISBN 9781265535973; ThinkCERCA Supplemental Resource	Grade level: 9
<u>Prerequisites:</u> None <u>What's Next?</u> English II AB; Honors English II AB	Credit(s): 1 College Hour(s): NA
Students will take the English I EOC. Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	Tier III
HONORS ENGLISH I AB SHELTERED HONORS ENGLISH I AB	3090 AB 3089 AB
As required by the state, this course goes beyond the TEKS in depth and complexity vertically aligned to the Advanced Placement courses of English Language and Literature and SAT skills. This course includes enrichment opportunities such as research, projects, and independent study.	03220100
Instructional Material: McGraw Hill Study Sync, Grade 9 TX Std, ISBN 9781265535973 Additional resources available through required attendance of at least 1 AP or NMSI summer institute. Prerequisites: FWISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request access to our most advanced courses and have at least a provisional placement issued. There are no prerequisite requirements that would limit this course's availability to a student with such a request. What's Next? Honors English II AB Students will take English I EOC.	Grade level: 9 Credit(s): 1 College Hour(s): NA <b>Tier II</b>

Course taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the course.

Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified.

Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	
ENGLISH II AB	3013 AB
SHELTERED ENGLISH II AB	0548 AB
ENGLISH II AB	30135 AB
ngSOL II AB	0543 AB
rovides students opportunities to continue increasing and refining their communication skills. Students read and	03220200
rite literary and informational genres. Students read and learn from world literature that represents a variety of	
ultures while also learning literary forms and terms from the selections read. Students address the writing, reading,	
esearch, listening, speaking, oral, and written conventions that are reflected in the TEKS.	
nstructional Material: McGraw Hill Study Sync, Grade 10 TX Std, ISBN 9781265535973; ThinkCERCA Supplemental	Grade level: 9 – 10
esource	Credit(s): 1
r <u>erequisites:</u> English I	College Hour(s): NA
<u>/hat's Next?</u> English III AB; Honors English III AB; Humanities I AB	
tudents will take English II EOC.	Tier III
eachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	
ONORS ENGLISH II AB	3092 AB
s required by the state, this course goes beyond the TEKS in depth and complexity vertically aligned to the	03220200
dvanced Placement courses of English Language and Literature and SAT skills. This course includes enrichment	
oportunities such as research, projects, and independent study.	
<u>structional Material:</u> McGraw Hill Study Sync, Grade 10 TX Std, ISBN 9781265535973	Grade level: 9 – 10
dditional resources available for teachers through required attendance at least 1 AP or NMSI summer institute.	Credit(s): 1
r <u>erequisites:</u> English I or Honors English I	College Hour(s): NA
NISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request access to our most	Tier II
dvanced courses and have at least a provisional placement issued. There are no prerequisite requirements that	
ould limit this course's availability to a student with such a request.	
/hat's Next? Honors English III AB, AP English Language and Composition, Dual Credit English, AP Literature & Com	position
tudents will take English II EOC.	
tudents will tuke English in EOC.	
iourse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the cou	rse.
ourse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the cou	rse.
ourse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the cou eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. NGLISH III AB	rse. 3015 AB
ourse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the cou eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program)	3015 AB 0544 AB
ourse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the cou eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program) HELTERED ENGLISH III AB	3015 AB 0544 AB 0549 AB
iourse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the cou eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program) HELTERED ENGLISH III AB NGLISH III AB	3015 AB 0544 AB
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ourse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the course eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program) HELTERED ENGLISH III AB NGLISH III AB rovides opportunities for students to continue increasing and refining their communication skills. Students read and write literary and informational genres. Students read extensively in multiple genres from American and World terature while learning literary forms and terms from the selections read. Students address the writing, reading,	<b>3015 AB</b> <b>0544 AB</b> <b>0549 AB</b> <b>30155 AB</b> 03220300 Grade level: 10 – 11
ourse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the course eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program) HELTERED ENGLISH III AB NGLISH III AB rovides opportunities for students to continue increasing and refining their communication skills. Students read and write literary and informational genres. Students read extensively in multiple genres from American and World terature while learning literary forms and terms from the selections read. Students address the writing, reading, peaking, listening, viewing, and representing skills that are reflected in the TEKS.	<b>3015 AB</b> <b>0544 AB</b> <b>0549 AB</b> <b>30155 AB</b> 03220300
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ourse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the course eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program) HELTERED ENGLISH III AB NGLISH III AB rovides opportunities for students to continue increasing and refining their communication skills. Students read at write literary and informational genres. Students read extensively in multiple genres from American and World terature while learning literary forms and terms from the selections read. Students address the writing, reading, beaking, listening, viewing, and representing skills that are reflected in the TEKS. structional Material: McGraw Hill Study Sync, Grade 11 TX Std, ISBN 9781265535973 rerequisites: English II 'hat's Next? English IV AB; Dual Credit English Composition; Research/Technical Writing	<b>3015 AB</b> <b>0544 AB</b> <b>0549 AB</b> <b>30155 AB</b> 03220300 Grade level: 10 – 11 Credit(s): 1 College Hour(s): NA
ourse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the cou- eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program) HELTERED ENGLISH III AB NGLISH III AB rovides opportunities for students to continue increasing and refining their communication skills. Students read and write literary and informational genres. Students read extensively in multiple genres from American and World terature while learning literary forms and terms from the selections read. Students address the writing, reading, beaking, listening, viewing, and representing skills that are reflected in the TEKS. structional Material: McGraw Hill Study Sync, Grade 11 TX Std, ISBN 9781265535973 rerequisites: English II /hat's Next? English IV AB; Dual Credit English Composition; Research/Technical Writing eachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	<b>3015 AB</b> <b>0544 AB</b> <b>0549 AB</b> <b>30155 AB</b> 03220300 Grade level: 10 – 11 Credit(s): 1 College Hour(s): NA
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achers with an emergent bilingual student enrolled in the course must be English and ESL certified. NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program) HELTERED ENGLISH III AB NGLISH III AB NG	3015 AB 0544 AB 0549 AB 30155 AB 03220300 Grade level: 10 – 11 Credit(s): 1 College Hour(s): NA Tier III 3044 AB
Durse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the course checkers with an emergent bilingual student enrolled in the course must be English and ESL certified.  NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program) HELTERED ENGLISH III AB NGLISH III AB Ovides opportunities for students to continue increasing and refining their communication skills. Students read at write literary and informational genres. Students read extensively in multiple genres from American and World terature while learning literary forms and terms from the selections read. Students address the writing, reading, weaking, listening, viewing, and representing skills that are reflected in the TEKS.  structional Material: McGraw Hill Study Sync, Grade 11 TX Std, ISBN 9781265535973 erequisites: English II hat's Next? English IV AB; Dual Credit English Composition; Research/Technical Writing eachers with an emergent bilingual student enrolled in the course must be English and ESL certified.  nRamps ENGLISH RHETORIC & WRITING AB his Rhetoric and Writing course provides opportunities for students to learn to analyze the various positions held any public debate and learn to advocate their own positions effectively. Students explore the ethics of	3015 AB 0544 AB 0549 AB 30155 AB 03220300 Grade level: 10 – 11 Credit(s): 1 College Hour(s): NA Tier III 3044 AB
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purse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the cou- eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program) HELTERED ENGLISH III AB NGLISH III AB rovides opportunities for students to continue increasing and refining their communication skills. Students read id write literary and informational genres. Students read extensively in multiple genres from American and World terature while learning literary forms and terms from the selections read. Students address the writing, reading, beaking, listening, viewing, and representing skills that are reflected in the TEKS. structional Material: McGraw Hill Study Sync, Grade 11 TX Std, ISBN 9781265535973 terequisites: English II that's Next? English IV AB; Dual Credit English Composition; Research/Technical Writing eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. <b>nRamps ENGLISH RHETORIC &amp; WRITING AB</b> his Rhetoric and Writing course provides opportunities for students to learn to analyze the various positions held any public debate and learn to advocate their own positions effectively. Students explore the ethics of gumentation and what it means to "fairly" represent someone with whom they disagree. Students are then ready analyze and compose arguments about American identity and identity formation, both personal and cultural. he goal is to foster students' abilities to analyze arguments presented by others and to write sound and effective guments of their own — abilities that contribute meaningfully to their academic, professional, personal, and civic res. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and ave the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local	3015 AB 0544 AB 0549 AB 30155 AB 03220300 Grade level: 10 – 11 Credit(s): 1 College Hour(s): NA Tier III 3044 AB 03220300 Grade level: 10 - 11 Credit(s): 1.0
purse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the cou- eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program) HELTERED ENGLISH III AB NGLISH III AB rovides opportunities for students to continue increasing and refining their communication skills. Students read ad write literary and informational genres. Students read extensively in multiple genres from American and World terature while learning literary forms and terms from the selections read. Students address the writing, reading, beaking, listening, viewing, and representing skills that are reflected in the TEKS. structional Material: McGraw Hill Study Sync, Grade 11 TX Std, ISBN 9781265535973 terequisites: English II that's Next? English IV AB; Dual Credit English Composition; Research/Technical Writing eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. <b>nRamps ENGLISH RHETORIC &amp; WRITING AB</b> his Rhetoric and Writing course provides opportunities for students to learn to analyze the various positions held any public debate and learn to advocate their own positions effectively. Students explore the ethics of gumentation and what it means to "fairly" represent someone with whom they disagree. Students are then ready analyze and compose arguments about American identity and identity formation, both personal and cultural. he goal is to foster students' abilities to analyze arguments presented by others and to write sound and effective guments of their own — abilities that contribute meaningfully to their academic, professional, personal, and civic res. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and ave the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local acher. THIS COURSE MAY COUNT FOR ENGLISH III CRE	3015 AB 0544 AB 0549 AB 30155 AB 03220300 Grade level: 10 – 11 Credit(s): 1 College Hour(s): NA Tier III 3044 AB 03220300 Grade level: 10 - 11 Credit(s): 1.0 College Hour(s): Up to 6
ourse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the cou- eachers with an emergent bilingual student enrolled in the course must be English and ESL certified.  NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program) HELTERED ENGLISH III AB NGLISH III AB rovides opportunities for students to continue increasing and refining their communication skills. Students read and write literary and informational genres. Students read extensively in multiple genres from American and World terature while learning literary forms and terms from the selections read. Students address the writing, reading, beaking, listening, viewing, and representing skills that are reflected in the TEKS. structional Material: McGraw Hill Study Sync, Grade 11 TX Std, ISBN 9781265535973 rerequisites: English II /hat's Next? English IV AB; Dual Credit English Composition; Research/Technical Writing eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. InRamps ENGLISH RHETORIC & WRITING AB nis Rhetoric and Writing course provides opportunities for students to learn to analyze the various positions held any public debate and learn to advocate their own positions effectively. Students explore the ethics of rgumentation and what it means to "fairly" represent someone with whom they disagree. Students are then ready o analyze and compose arguments about American identity and identity formation, both personal and cultural. ne goal is to foster students' abilities to analyze arguments presented by others and to write sound and effective rguments of their own — abilities that contribute meaningfully to their academic, professional, personal, and civic rese. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and ave the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. THIS COURSE MAY COUNT FOR ENGLISH III CREDIT.	3015 AB 0544 AB 0549 AB 30155 AB 03220300 Grade level: 10 – 11 Credit(s): 1 College Hour(s): NA Tier III 3044 AB 03220300 Grade level: 10 - 11 Credit(s): 1.0 College Hour(s): Up to 6
iourse taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the cou eachers with an emergent bilingual student enrolled in the course must be English and ESL certified. NGLISH III AB HELTERED ENGLISH III AB (EL students in Newcomer Program) HELTERED ENGLISH III AB	3015 AB 0544 AB 0549 AB 30155 AB 03220300 Grade level: 10 – 11 Credit(s): 1 College Hour(s): NA Tier III 3044 AB 03220300 Grade level: 10 - 11 Credit(s): 1.0 College Hour(s): Up to 6

<u>What's Next?</u> Dual Credit English Composition; Dual Credit Research/Technical Writing; AP English Language and Composition; AP English Literature and Composition

DnRamps ENGLISH RHETORIC & WRITING AB	3045 AB
his Rhetoric and Writing course provides opportunities for students to learn to analyze the various positions held	03220400
n any public debate and learn to advocate their own positions effectively. Students explore the ethics of	
rgumentation and what it means to "fairly" represent someone with whom they disagree. Students are then ready	
o analyze and compose arguments about American identity and identity formation, both personal and cultural.	
he goal is to foster students' abilities to analyze arguments presented by others and to write sound and effective	
rguments of their own — abilities that contribute meaningfully to their academic, professional, personal, and civic	
ves. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and	
have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local	
eacher. THIS COURSE MAY COUNT FOR ENGLISH IV CREDIT.	
nstructional Material: Selected and provided by the University of Texas at Austin	Grade level: 11 - 12
rerequisites: English III or AP English Language and Composition or AP English Literature and Composition –	Credit(s): 1.0
nay only take OnRamps English Rhetoric & Writing once for 1 credit – Either an English III OR an English IV	College Hour(s): Up to 6
redit.	Tier I
Vhat's Next? Any advanced English course	
IONORS ENGLISH III AB	3094 AB
s required by the state, this course goes beyond the TEKS in depth and complexity vertically aligned to the	03220300
Advanced Placement courses of English Language and Literature and SAT skills. This course includes enrichment	
pportunities such as research, projects, and independent study.	
nstructional Material: McGraw Hill Study Sync, Grade 11 TX Std, ISBN 9781265535973	Grade level: 10 – 11
Additional resources available through required attendance at least 1 AP or NMSI summer institute.	Credit(s): 1
<u>Prerequisites:</u> English II or Honors English II	College Hour(s): NA
WISD is an inclusive district in that any stakeholder (teacher, student, parent, etc.) can request access to our most	Tier II
dvanced courses and have at least a provisional placement issued. There are no prerequisite requirements that	
ould limit this course's availability to a student with such a request.	
<u>What's Next?</u> Dual Credit English Composition; Dual Credit Research/Technical Writing; AP English Language Compo	osition;
AP English Literature Composition	
\P English Literature Composition Course taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the course.	
Course taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the course.	
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<ul> <li>course taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the course.</li> <li>eachers with an emergent bilingual student enrolled in the course must be English and ESL certified.</li> <li>COLLEGE PREPARATORY ENGLISH AB</li> <li>This is a College Preparatory course for seniors only intended to help students hone their skills prior to taking the isla college placement exam. This course is stacked with 9007T in the student's schedule.</li> <li>Instructional Material: Prestwick House: College &amp; Career Readiness: Writing; TCC stipulates the resources and equires teacher training trerequisities; Students who have not yet met college readiness standards</li> <li>What's Next? NA</li> <li>Credits may or may not be available to count toward your graduation plan - see your counselor for more details.</li> <li>Students on the Foundation HS Graduation Plan may earn advanced English Language Arts credit for an ELAR College Preparatory course (both semesters are required) only if the student has already completed the three previous English Language Arts credit requirements for the Foundation HS Graduation Plan prior to taking these tourses.</li> <li>This course is a preparator course for success on TSIA and will no longer provide exemption at TCCD.</li> <li>English Language Arts college preparatory courses only provide high school credit if the student completes both semesters with at least a 70 average for both and if qualifications noted below in #3 are met.</li> <li>This college ELAR preparatory course is developmental and will not provide any dual credit.</li> <li>ee the decision point situations listed below that a student should consider when determining if this course will provide the benefits he/she needs.</li> <li>If the student has not passed the English I and English II EOC, then it is recommended that students complete all coursework required in order to pass the EOC exams prior to enrolling in this course. (Students who have not passed English I and</li></ul>	CP110100 Grade level: 12 only Credit(s): 0.5 - 1 College Hour(s): NA
<ul> <li>course taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the course.</li> <li>ceachers with an emergent bilingual student enrolled in the course must be English and ESL certified.</li> <li>CDLEGE PREPARATORY ENGLISH AB</li> <li>This is a College Preparatory course for seniors only intended to help students hone their skills prior to taking the SIA college placement exam. This course is stacked with 9007T in the student's schedule.</li> <li>nastructional Material: Prestwick House: College &amp; Career Readiness: Writing; TCC stipulates the resources and equires teacher training</li> <li>trerequisites: Students who have not yet met college readiness standards</li> <li>Yhat's Next? NA</li> <li>credits may or may not be available to count toward your graduation plan - see your counselor for more details.</li> <li>itudents on the Foundation HS Graduation Plan may earn advanced English Language Arts credit for an ELAR</li> <li>College Preparatory course (both semesters are required) only if the student has already completed the three revious English Language Arts credit requirements for the Foundation HS Graduation Plan prior to taking these ourses.</li> <li>This course is a preparatory course for success on TSIA and will no longer provide exemption at TCCD.</li> <li>English Language Arts college preparatory courses only provide high school credit if the student completes both semesters with at least a 70 average for both and if qualifications noted below in #3 are met.</li> <li>This college ELAR preparatory course is developmental and will not provide any dual credit.</li> <li>eee the decision point situations listed below that a student should consider when determining if this course. (Students who have not passed the English I and English II EOC, then it is recommended that students complete all coursework required in order to pass the EOC exams prior to enrolling in this course. (Students who have not passed the English I and English II EOC, then it is r</li></ul>	CP110100 Grade level: 12 only Credit(s): 0.5 - 1 College Hour(s): NA
<ul> <li>course taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the course.</li> <li>eachers with an emergent bilingual student enrolled in the course must be English and ESL certified.</li> <li>COLLEGE PREPARATORY ENGLISH AB</li> <li>This is a College Preparatory course for seniors only intended to help students hone their skills prior to taking the isla college placement exam. This course is stacked with 9007T in the student's schedule.</li> <li>Instructional Material: Prestwick House: College &amp; Career Readiness: Writing; TCC stipulates the resources and equires teacher training trerequisities; Students who have not yet met college readiness standards</li> <li>What's Next? NA</li> <li>Credits may or may not be available to count toward your graduation plan - see your counselor for more details.</li> <li>Students on the Foundation HS Graduation Plan may earn advanced English Language Arts credit for an ELAR College Preparatory course (both semesters are required) only if the student has already completed the three previous English Language Arts credit requirements for the Foundation HS Graduation Plan prior to taking these tourses.</li> <li>This course is a preparator course for success on TSIA and will no longer provide exemption at TCCD.</li> <li>English Language Arts college preparatory courses only provide high school credit if the student completes both semesters with at least a 70 average for both and if qualifications noted below in #3 are met.</li> <li>This college ELAR preparatory course is developmental and will not provide any dual credit.</li> <li>ee the decision point situations listed below that a student should consider when determining if this course will provide the benefits he/she needs.</li> <li>If the student has not passed the English I and English II EOC, then it is recommended that students complete all coursework required in order to pass the EOC exams prior to enrolling in this course. (Students who have not passed English I and</li></ul>	CP110100 Grade level: 12 only Credit(s): 0.5 - 1 College Hour(s): NA
<ul> <li>course taught by locally certified gifted teacher who has attended at least one AP or NMSI Summer Institute for the course.</li> <li>eachers with an emergent bilingual student enrolled in the course must be English and ESL certified.</li> <li>COLLEGE PREPARATORY ENGLISH AB</li> <li>This is a College Preparatory course for seniors only intended to help students hone their skills prior to taking the SIA college placement exam. This course is stacked with 9007T in the student's schedule.</li> <li>Instructional Material: Prestwick House: College &amp; Career Readiness: Writing; TCC stipulates the resources and equires teacher training</li> <li>Prerequisites; Students who have not yet met college readiness standards</li> <li>What's Next? NA</li> <li>Credits may or may not be available to count toward your graduation plan - see your counselor for more details.</li> <li>Students on the Foundation HS Graduation Plan may earn advanced English Language Arts credit for an ELAR</li> <li>College Preparatory course (both semesters are required) only if the student has already completed the three revious English Language Arts credit requirements for the Foundation HS Graduation Plan prior to taking these ourses.</li> <li>This course is a preparatory course for success on TSIA and will no longer provide exemption at TCCD.</li> <li>English Language Arts college preparatory courses only provide high school credit if the student completes both semesters with at least a 70 average for both and if qualifications noted below in #3 are met.</li> <li>This college ELAR preparatory course is developmental and will not provide any dual credit.</li> <li>iee the decision point situations listed below that a student should consider when determining if this course. (Students who have not passed the English I and English II EOC, then it is recommended that students complete all coursework required in order to pass the EOC exams prior to enrolling in this course. (Students who have not passed the English I and English II EOC, then it is r</li></ul>	CP110100 Grade level: 12 only Credit(s): 0.5 - 1 College Hour(s): NA

4. This course will be taught on a high school campus, and follows curricular guidance from Tarrant County Community College but follows all FWISD grading guidelines.

Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified.

Texas College Bridge English (Online)	9005 T
This is a College Preparatory course for seniors only intended to help students hone their skills prior to collegiate	CP110100
level English courses.	
Instructional Material: Prestwick House: College & Career Readiness: Writing; Texas College Bridge stipulates the	Grade level: 11-12
resources and requires teacher training	Credit(s): 1
Prerequisites: Students who have not yet met college readiness standards	College Hour(s): N/A
<u>What's Next?</u> N/A	Tier III
Credits for this program alone are not available to count toward graduation.	*This course counts for elective
• This course is a preparation course for success in collegiate level English and will provide exemption at	credit only towards graduation
Higher Ed Institutions that partner with Texas College Bridge.	
• Students will receive a certificate of completion up finishing both Stage 1 and Stage 2 to share with	
colleges or universities that partner with Texas College Bridge and the student intends to enroll.	
These College Preparatory courses are developmental courses and will not provide any dual credit. See the	
decision-point situations listed below that a student should consider in determining if this course will provide the	
benefits he/she needs.	
1. If the student is not enrolled in a program that offers a certification/licensure.	
2. If the student is not within 3 college credit hours in Math/English or 9 college credit hours in other.	
3. If student is not enrolled in a Dual Credit, IB, AP, nor OnRamps Course or if student grades and/or	
test scores are not aligned with success for the student enrolled in the course.	
4. If student intends to enlist in the military and no other CCMR pathway is assigned.	
5. If student is not enrolled in any CCMR course or programs.	
6. If student wants to participate in the program for TSIA prep or other reasons.	
DUAL CREDIT ENGLISH III A	3039 A
TCC Course: English Composition I (ENGL 1301)	5055 A
TWU Course: Composition and Rhetoric (ENG 1301)	
Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and	03220300
editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose,	00220000
arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical	
analysis.	Grade level: 11 - 12
Instructional Material: NA	ECHS: 9 – 12
<u>FWISD Prerequisites:</u> English II	Credit(s): 0.5
<u>TCC Prerequisites:</u> TSI compliant in writing and reading	College Hour(s): 3 hours
<u>TWU Prerequisites:</u> Only offered at Dunbar	Tier I
<u>What's Next?</u> ENGL 1302	THE T
Course taught by an approved adjunct instructor	
DUAL CREDIT ENGLISH III B	3039 B
TCC Course: English Composition II (ENGL 1302)	3039 0
TWU Course: Composition and Literature (ENG 1302)	
Intensive study of and practice in the strategies and techniques for developing research-based expository and	03220300
persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research	05220500
persuasive texts. Emphasis on enective and ethical metorical inquiry, including primary and secondary research	Grade level: 11 – 12
methods: critical reading of verbal visual and multimedia texts: systematic evaluation, synthesis, and	
	FCHS: 9 - 12
documentation of information sources; and critical thinking about evidence and conclusions.	ECHS: 9 – 12
documentation of information sources; and critical thinking about evidence and conclusions. Instructional Material: NA	Credit(s): 0.5
documentation of information sources; and critical thinking about evidence and conclusions. <u>Instructional Material:</u> NA <u>FWISD &amp; TCC Prerequisites:</u> ENGL 1301	Credit(s): 0.5 College Hour(s): 3 hours
documentation of information sources; and critical thinking about evidence and conclusions. <u>Instructional Material:</u> NA <u>FWISD &amp; TCC Prerequisites:</u> ENGL 1301 <u>TWU Prerequisites:</u> ENG 1301; Only offered at Dunbar	Credit(s): 0.5
documentation of information sources; and critical thinking about evidence and conclusions. Instructional Material: NA <u>FWISD &amp; TCC Prerequisites:</u> ENGL 1301 <u>TWU Prerequisites:</u> ENG 1301; Only offered at Dunbar <u>What's Next?</u> ENGL 2322 or ENGL 2327	Credit(s): 0.5 College Hour(s): 3 hours
documentation of information sources; and critical thinking about evidence and conclusions. Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1301 TWU Prerequisites: ENG 1301; Only offered at Dunbar What's Next? ENGL 2322 or ENGL 2327 Course taught by an approved adjunct instructor	Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b>
documentation of information sources; and critical thinking about evidence and conclusions. Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1301 TWU Prerequisites: ENG 1301; Only offered at Dunbar What's Next? ENGL 2322 or ENGL 2327 Course taught by an approved adjunct instructor ENGLISH IV AB	Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3017 AB</b>
documentation of information sources; and critical thinking about evidence and conclusions. Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1301 TWU Prerequisites: ENG 1301; Only offered at Dunbar What's Next? ENGL 2322 or ENGL 2327 Course taught by an approved adjunct instructor ENGLISH IV AB Provides students opportunities to continue to increase and refine their communication skills. Students use the	Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b>
documentation of information sources; and critical thinking about evidence and conclusions. Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1301 TWU Prerequisites: ENG 1301; Only offered at Dunbar What's Next? ENGL 2322 or ENGL 2327 Course taught by an approved adjunct instructor ENGLISH IV AB Provides students opportunities to continue to increase and refine their communication skills. Students use the writing process to practice a variety of forms of writing including business, personal, literary, and persuasive texts.	Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3017 AB</b>
methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1301 TWU Prerequisites: ENG 1301; Only offered at Dunbar What's Next? ENGL 2322 or ENGL 2327 Course taught by an approved adjunct instructor ENGLISH IV AB Provides students opportunities to continue to increase and refine their communication skills. Students use the writing process to practice a variety of forms of writing including business, personal, literary, and persuasive texts. Students read extensively in multiple genres from British and other world literature while learning literary forms and	Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3017 AB</b>
documentation of information sources; and critical thinking about evidence and conclusions. Instructional Material: NA EWISD & TCC Prerequisites: ENGL 1301 TWU Prerequisites: ENG 1301; Only offered at Dunbar What's Next? ENGL 2322 or ENGL 2327 Course taught by an approved adjunct instructor ENGLISH IV AB Provides students opportunities to continue to increase and refine their communication skills. Students use the writing process to practice a variety of forms of writing including business, personal, literary, and persuasive texts. Students read extensively in multiple genres from British and other world literature while learning literary forms and terms from the selections being read. Students address the writing, reading, speaking, listening, viewing, and	Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3017 AB</b>
documentation of information sources; and critical thinking about evidence and conclusions. Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1301 TWU Prerequisites: ENG 1301; Only offered at Dunbar What's Next? ENGL 2322 or ENGL 2327 Course taught by an approved adjunct instructor ENGLISH IV AB Provides students opportunities to continue to increase and refine their communication skills. Students use the writing process to practice a variety of forms of writing including business, personal, literary, and persuasive texts. Students read extensively in multiple genres from British and other world literature while learning literary forms and terms from the selections being read. Students address the writing, reading, speaking, listening, viewing, and representing skills that are reflected in the TEKS.	Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 3017 AB 03220400
documentation of information sources; and critical thinking about evidence and conclusions. Instructional Material: NA EWISD & TCC Prerequisites: ENGL 1301 TWU Prerequisites: ENG 1301; Only offered at Dunbar What's Next? ENGL 2322 or ENGL 2327 Course taught by an approved adjunct instructor ENGLISH IV AB Provides students opportunities to continue to increase and refine their communication skills. Students use the writing process to practice a variety of forms of writing including business, personal, literary, and persuasive texts. Students read extensively in multiple genres from British and other world literature while learning literary forms and terms from the selections being read. Students address the writing, reading, speaking, listening, viewing, and	Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3017 AB</b>

ISBN: 9780132534888	College Hour(s): NA
Prerequisites: English III	Tier III
What's Next? AP Literature and Composition, AP Language and Composition and any other advanced English course.	
Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	
DUAL CREDIT ENGLISH IV A	3040 A
TCC Course: English Composition I (ENGL 1301)	
TWU Course: Composition and Rhetoric (ENG 1301)	
ntensive study of and practice in the strategies and techniques for developing research-based expository and	03220400
persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research	
methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and	
documentation of information sources; and critical thinking about evidence and conclusions.	
Instructional Material: NA	Grade level: 11 – 12
FWISD Prerequisites: English III, Honors English III ACT, Honors English III, or AP English Language and Composition	ECHS: 9 - 12
and student interest.	Credit(s): 0.5
TCC Prerequisites: TSI compliant in writing and reading	College Hour(s): 3 hours
TWU Prerequisites: Only offered at Dunbar	Tier I
<u>What's Next?</u> ENGL-1302	
Course taught by an approved adjunct instructor	
DUAL CREDIT ENGLISH IV B	3040 B
TCC Course: English Composition II (ENGL 1302)	
TWU Course: Composition and Literature (ENG 1302)	
ntensive study of and practice in the strategies and techniques for developing research-based expository and	03220400
persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research	
methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and	Grade level: 11 – 12
documentation of information sources; and critical thinking about evidence and conclusions.	ECHS: 9 - 12
Instructional Material: NA	Credit(s): 0.5
FWISD & TCC Prerequisites: ENGL 1301	College Hour(s): 3 hours
TWU Prerequisites: ENG 1301; Only offered at Dunbar	5
What's Next? ENGL 2322 or ENGL 2327 Course taught by an approved adjunct instructor	Tier I
DUAL CREDIT ENGLISH IV A	3041 A
TCC Course: British Literature I to 1800 (ENGL 2322)	
A survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students	03220400
will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts.	Grade level: 11 – 12
Texts will be selected from a diverse group of authors and traditions.	ECHS: 9-12
Instructional Material: NA	Credit(s): 0.5
FWISD & TCC Prerequisites: ENGL 1302	College Hour(s): 3 hours
What's Next? ENGL 2323	Tier I
Course taught by an approved adjunct instructor	
DUAL CREDIT ENGLISH IV B	3041 B
TCC Course: British Literature II since 1800 (ENGL 2323)	5041 5
TWU Course: British Literature (ENG 2328)	
A survey of the development of British literature from the Romantic period to the present. Students will study works	03220400
of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a	05220400
diverse group of authors and traditions.	Grade level: 11 – 12
Instructional Material: NA	ECHS: 9 - 12
FWISD Prerequisites: ENGL 2322	Credit(s): 0.5
·	.,
T <u>CC Prerequisites</u> : ENGL 1302	College Hour(s): 3 hours
TWU Prerequisites: ENG 2326; Only offered at Dunbar	Tior
What's Next? NA	Tier I
Course taught by an approved adjunct instructor	2046 A
	3046 A
TCC Course: American Literature I to 1865 (ENGL 2327)	
TCC Course: American Literature I to 1865 (ENGL 2327) TWU Course: American Literature (ENG 2326)	
TCC Course: American Literature I to 1865 (ENGL 2327) TWU Course: American Literature (ENG 2326) A survey of American literature from the period of exploration and settlement through the Civil War. Students will	03220400
DUAL CREDIT ENGLISH IV A TCC Course: American Literature I to 1865 (ENGL 2327) TWU Course: American Literature (ENG 2326) A survey of American literature from the period of exploration and settlement through the Civil War. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be celected from among a diverse group of authors for what they reflect and rayed about the evolving American	03220400
TCC Course: American Literature I to 1865 (ENGL 2327) TWU Course: American Literature (ENG 2326) A survey of American literature from the period of exploration and settlement through the Civil War. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American	03220400 Grade level: 11 – 12
TCC Course: American Literature I to 1865 (ENGL 2327) TWU Course: American Literature (ENG 2326) A survey of American literature from the period of exploration and settlement through the Civil War. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be	03220400

Instructional Material: NA	Credit(s): 0.5
-WISD & TCC Prerequisites: ENGL 1302	College Hour(s): 3 hours
TWU Prerequisites: Only offered at Dunbar	Tier I
What's Next?         ENGL 2328         Course taught by an approved adjunct instructor	
DUAL CREDIT ENGLISH IV B	3046 B
TCC Course: American Literature II since 1865 (ENGL 2328)	
A survey of American literature from the Civil War to the present. Students will study works of prose, poetry, drama,	03220400
and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of	Grade level: 11 – 12
authors for what they reflect and reveal about the evolving American experience and character.	ECHS: 9 -12
Instructional Material: NA	Credit(s): 0.5
FWISD & TCC Prerequisites: ENGL 130	College Hour(s): 3 hours
What's Next?         NA         Course taught by an approved adjunct instructor	Tier I
AP ENGLISH LANGUAGE AND COMPOSITION AB	3062 AB
Prepares students for the College Board Language and Composition Examination. Designed for highly motivated students	A3220100
who wish to complete the equivalent of an introductory college course in language, rhetoric, and expository writing.	
ngages students as skilled readers of various literary works that are written in a variety of periods, disciplines, and	
hetorical contexts. Engages students as skilled writers who compose for a variety of purposes. Requires the use of	
appropriate and sophisticated grammatical conventions and linguistic choices in effective critical writing.	
nstructional Material: Prestwick House: Rhetoric, Logic, & Argumentation; The Language of Composition: Reading,	Grade level: 10 – 12
Writing Rhetoric, Bedford, Freeman and Worth,	Credit(s): 1
SBN 1319104371	
Prerequisites: English II (or Honors); or English III (or Honors); student interest	College Hour(s): NA
<u>Nhat's Next?</u> Advanced English Course	Tier I
Feachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	
AP ENGLISH LITERATURE AND COMPOSITION AB	3064 AB
Prepares students for the College Board Literature and Composition Examination. Designed for highly motivated	A3220200
tudents who wish to complete the equivalent of an introductory college course in literature and expository writing.	
ncludes narrative, exploratory, expository, and argumentative writing. Emphasizes critical analysis and research.	Grade level: 11 – 12
xplores representative works from various genres and periods, particularly world literature, with a concentration on	Credit(s): 1
vorks of recognized literary merit. Focuses on critical thinking, critical reading, and critical writing about selected	College Hour(s): NA
prose and poetry.	Tier I
nstructional Material: 1043 – Prestwick House: Rhetorical Devices; AP Literature and Composition, Bedford, Freeman,	
& Worth, ISBN: 1451682516	
Prerequisites: English II (or Honors), English III (or Honors), or AP English Language & Composition, and student	
nterest	
<u>What's Next?</u> Advanced English Course	
Feachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	
HUMANITIES AB	3117 AB
lumanities is an interdisciplinary course in which students recognize writing as an art form. Students read widely to	03221600
inderstand how various authors craft compositions for various aesthetic purposes. This course includes the study	
of major historical and cultural movements and their relationship to literature and the other fine arts. Humanities is	
a rigorous course of study in which high school students respond to aesthetic elements in texts and other art forms	
hrough outlets such as discussions, journals, oral interpretations, and dramatizations. Students read widely to	
inderstand the commonalities that literature shares with the fine arts. In addition, students use written composition	
o show an in-depth understanding of creative achievements in the arts and literature and how these various art	Grade level: 11 – 12
forms are a reflection of history. All students are expected to participate in classroom discussions and presentations	Credit(s): 0.5- 2
hat lead to an understanding, appreciation, and enjoyment of critical, creative achievements throughout history.	College Hour(s): NA
Jnderstanding is demonstrated through a variety of media.	Tier III
nstructional Material: No state-adopted instructional material(s)/Contact Content Director	
Prerequisites: English II, English III or AP Literature or AP Language – may count as the 4 <sup>th</sup> English credit	
<u>What's Next?</u> Any offered elective	
•	
eachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	
	3119 ABH
Feachers with an emergent bilingual student enrolled in the course must be English and ESL certified. HONORS HUMANITIES ABH ncludes the study of major historical and cultural movements and their relationship to literature and the other fine	<b>3119 ABH</b> 03221600
HONORS HUMANITIES ABH ncludes the study of major historical and cultural movements and their relationship to literature and the other fine	
HONORS HUMANITIES ABH ncludes the study of major historical and cultural movements and their relationship to literature and the other fine Arts. Offers academically motivated students' opportunities to write extensively for a variety of purposes and	

critical and analytical response to various artistic, literary, philosophical, and political works. Addresses universal	
themes through critical reading and writing. Students will engage in original research that is to culminate in a	
project that meets the requirements for a Distinguished Achievement Program diploma advanced measure.	Grade level: 11 – 12
Approval to add this honors course to a campus must be granted by the Secondary English Arts/Literacy Director.	Credit(s): 0.5- 2
Instructional Material: No state-adopted instructional material(s)/Contact Content Director	College Hour(s): NA
Prerequisites: English II, English III or AP Literature or AP Language – may count as the 4 <sup>th</sup> English credit	Tier II
What's Next? AP Literature, AP Language, AP World History, AP United States History, or any offered elective.	
Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	
DUAL CREDIT LITERARY HUMANITIES AB	3118 AB
TCC Course: Introduction to Humanities (HUMA 1301)	
TWU Course: The Human Experience (HUM 2340)	
A survey of American literature from the period of exploration and settlement through the Civil War. Students will	03221600
study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be	
selected from among a diverse group of authors for what they reflect and reveal about the evolving American	Grade level: NA
experience and character.	ECHS: 9 – 12
nstructional Material: NA	Credit(s): 0.5
FWISD Prerequisites: English II	College Hour(s): 3 hours
T <u>CC Prerequisites:</u> NA	Tier I
IWU Prerequisites: Only offered at Dunbar	
<u>What's Next?</u> NA	
Course taught by an approved adjunct instructor	
INDEPENDENT STUDY IN ENGLISH AB	3138
Students enrolled in Independent Study in English will focus on a specialized area of study such as the work of a	03221800
particular author or genre. Students will read and write in multiple forms for a variety of audiences and purposes.	
High school students are expected to plan, draft, and complete written compositions on a regular basis and	
carefully examine their papers for clarity, engaging language, and the correct use of the conventions and mechanics	
of written English. Independent Study in English may be repeated with different content for up to three state	
elective credits.	Grade level: 12
Instructional Material: No state-adopted instructional material(s)/Contact Content Director	Credit(s): 0.5 - 1
Prerequisites: Creative and Imaginative Writing IT	College Hour(s): NA
What's Next? Any offered elective	Tier III
32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=21	
Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	
HONORS INDEPENDENT STUDY IN ENGLISH: CRITICAL THINKING FOR COLLEGE READINESS	3066 ABH
ABH	02021000
Students will use Honors, AP, and other nationally recognized strategies to analyze, synthesize, evaluate and	03221800
develop the reading and writing skills needed to increase their vocabulary and improve their test taking skills on	
the SAT. Using the skills they develop, students will research a self-selected topic, develop a professional quality	
project proposal, and present it to a panel, which will satisfy the requirements necessary for the Distinguished	
Achievement Program. Independent Study in English may be repeated with different content for up to three state	Grade level: 11 - 12
elective credits.	
	Credit(s): 0.5-1
Prerequisites: Enrollment in at least one Honors or AP course	Credit(s): 0.5-1 College Hour(s): NA
Prerequisites: Enrollment in at least one Honors or AP course <u>What's Next?</u> Any offered elective	Credit(s): 0.5-1
<u>Prerequisites:</u> Enrollment in at least one Honors or AP course <u>What's Next?</u> Any offered elective 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22	Credit(s): 0.5-1 College Hour(s): NA
P <u>rerequisites:</u> Enrollment in at least one Honors or AP course <u>What's Next?</u> Any offered elective 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 Feachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b>
Prerequisites: Enrollment in at least one Honors or AP course <u>What's Next?</u> Any offered elective 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 Feachers with an emergent bilingual student enrolled in the course must be English and ESL certified. INDEPENDENT STUDY IN ENGLISH: LINGUISTICS AB	Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3063 AB</b>
Prerequisites: Enrollment in at least one Honors or AP course <u>What's Next?</u> Any offered elective 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified. <b>INDEPENDENT STUDY IN ENGLISH: LINGUISTICS AB</b> This course is designed to mirror a college-level introductory course in linguistics, with the entire rigor one expects	Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b>
Prerequisites: Enrollment in at least one Honors or AP course <u>What's Next?</u> Any offered elective 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified. <b>INDEPENDENT STUDY IN ENGLISH: LINGUISTICS AB</b> This course is designed to mirror a college-level introductory course in linguistics, with the entire rigor one expects at that level, but with the advantage of meeting five days a week. The topics covered provide a firm foundation for	Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3063 AB</b>
Prerequisites:       Enrollment in at least one Honors or AP course         What's Next?       Any offered elective         32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22         Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified.         INDEPENDENT STUDY IN ENGLISH: LINGUISTICS AB         This course is designed to mirror a college-level introductory course in linguistics, with the entire rigor one expects at that level, but with the advantage of meeting five days a week. The topics covered provide a firm foundation for students who wish to engage in further study of linguistics, computer science, foreign languages, social studies, the	Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3063 AB</b>
Prerequisites: Enrollment in at least one Honors or AP course <u>What's Next?</u> Any offered elective <u>32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22</u> <u>Feachers with an emergent bilingual student enrolled in the course must be English and ESL certified.</u> <b>INDEPENDENT STUDY IN ENGLISH: LINGUISTICS AB</b> This course is designed to mirror a college-level introductory course in linguistics, with the entire rigor one expects at that level, but with the advantage of meeting five days a week. The topics covered provide a firm foundation for students who wish to engage in further study of linguistics, computer science, foreign languages, social studies, the humanities and psychology. Linguistics is a multi-disciplinary science and students develop proficiency in the kinds	Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3063 AB</b>
Prerequisites: Enrollment in at least one Honors or AP course <u>What's Next?</u> Any offered elective <u>32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22</u> <u>Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified.</u> <b>INDEPENDENT STUDY IN ENGLISH: LINGUISTICS AB</b> This course is designed to mirror a college-level introductory course in linguistics, with the entire rigor one expects at that level, but with the advantage of meeting five days a week. The topics covered provide a firm foundation for students who wish to engage in further study of linguistics, computer science, foreign languages, social studies, the numanities and psychology. Linguistics is a multi-disciplinary science and students develop proficiency in the kinds of thinking central to many different fields. Students learn to apply objective reasoning to language problems and	Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3063 AB</b> 03221800
Prerequisites: Enrollment in at least one Honors or AP course What's Next? Any offered elective 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified. INDEPENDENT STUDY IN ENGLISH: LINGUISTICS AB This course is designed to mirror a college-level introductory course in linguistics, with the entire rigor one expects at that level, but with the advantage of meeting five days a week. The topics covered provide a firm foundation for students who wish to engage in further study of linguistics, computer science, foreign languages, social studies, the humanities and psychology. Linguistics is a multi-disciplinary science and students develop proficiency in the kinds of thinking central to many different fields. Students learn to apply objective reasoning to language problems and begin to see the interconnectedness of disciplines many have seen only as separate classes.	Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3063 AB</b> 03221800 Grade level: 11 – 12
Prerequisites: Enrollment in at least one Honors or AP course What's Next? Any offered elective 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified. INDEPENDENT STUDY IN ENGLISH: LINGUISTICS AB This course is designed to mirror a college-level introductory course in linguistics, with the entire rigor one expects at that level, but with the advantage of meeting five days a week. The topics covered provide a firm foundation for students who wish to engage in further study of linguistics, computer science, foreign languages, social studies, the humanities and psychology. Linguistics is a multi-disciplinary science and students develop proficiency in the kinds of thinking central to many different fields. Students learn to apply objective reasoning to language problems and begin to see the interconnectedness of disciplines many have seen only as separate classes. Instructional Material: No state-adopted instructional material(s)/Contact Content Director	Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3063 AB</b> 03221800 Grade level: 11 – 12 Credit(s): 1
Prerequisites: Enrollment in at least one Honors or AP course What's Next? Any offered elective 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified. INDEPENDENT STUDY IN ENGLISH: LINGUISTICS AB This course is designed to mirror a college-level introductory course in linguistics, with the entire rigor one expects at that level, but with the advantage of meeting five days a week. The topics covered provide a firm foundation for students who wish to engage in further study of linguistics, computer science, foreign languages, social studies, the humanities and psychology. Linguistics is a multi-disciplinary science and students develop proficiency in the kinds of thinking central to many different fields. Students learn to apply objective reasoning to language problems and begin to see the interconnectedness of disciplines many have seen only as separate classes. Instructional Material: No state-adopted instructional material(s)/Contact Content Director Prerequisites: Concurrent enrollment in AP English Language and Composition, AP English Literature and	Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3063 AB</b> 03221800 Grade level: 11 – 12 Credit(s): 1 College Hour(s): NA
Instructional Material: No state-adopted instructional material(s)/Contact Content Director Prerequisites: Enrollment in at least one Honors or AP course What's Next? Any offered elective 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified. INDEPENDENT STUDY IN ENGLISH: LINGUISTICS AB This course is designed to mirror a college-level introductory course in linguistics, with the entire rigor one expects at that level, but with the advantage of meeting five days a week. The topics covered provide a firm foundation for students who wish to engage in further study of linguistics, computer science, foreign languages, social studies, the humanities and psychology. Linguistics is a multi-disciplinary science and students develop proficiency in the kinds of thinking central to many different fields. Students learn to apply objective reasoning to language problems and begin to see the interconnectedness of disciplines many have seen only as separate classes. Instructional Material: No state-adopted instructional material(s)/Contact Content Director Prerequisites: Concurrent enrollment in AP English Language and Composition, AP English Literature and Composition, or Dual Credit English What's Next? NA	Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3063 AB</b> 03221800 Grade level: 11 – 12 Credit(s): 1

32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22

Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	
NDEPENDENT STUDY IN ENGLISH: PHILOSOPHY AND LITERATURE	3042 AB
This is an advanced course, with an AP English course as a requirement. Using primary source reading from various	
tages in the history of philosophy as a model, students will apply observed patterns of thought to questions of	
knowledge, language, and free will found in the thematic material of literary texts.	Grade level: 12
nstructional Material: No state-adopted instructional material(s)/Contact Content Director	Credit(s): 1
Prerequisites: AP English Language and Composition, AP English Literature and Composition, or Dual Credit English	
<u>What's Next?</u> NA	Tier I
Dffered only at Paschal High School	
DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: AMERICAN LITERATURE T	3048 T
ICC Course: American Literature II to 1865 (ENGL 2328)	
survey of American literature from the Civil War to the present. Students will study works of prose, poetry, drama	03221800
and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of	
uthors for what they reflect and reveal about the evolving American experience and character.	Grade level: 11 – 12
nstructional Material: NA	ECHS: 9 - 12
WISD & TCC Prerequisites: ENGL 1302	Credit(s): 0.5
<u>What's Next?</u> NA	College Hour(s): 3 hours
Course taught by an approved adjunct instructor.	Tier I
32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=20	
NDEPENDENT STUDY IN ENGLISH: INTRODUCTION TO BIBLICAL LITERACY: HEBREW BIBLE AND NEW TESTAMENT AB	3150 AB
Students will gain familiarity with the narratives and other literary texts of the Hebrew Scriptures and New	03221800
Festament. Discussion and study will take place from an academic and secular perspective that endorses no	03221000
particular variety of faith. Class activities will emphasize the need for mutual respect, inquiry, and tolerance of	
divergent opinions. Students will become familiar with the Biblical stories, images and tropes that have profoundly	
nfluenced world literature, art, culture, politics and art, and will also encounter the major trends in academic study	
of the Bible.	Grade level: 10 - 12
nstructional Material: No state-adopted instructional material(s)/Contact Content Director	Credit(s): 0.5-1
Prerequisites: English I and World Geography	College Hour(s): NA
<u>Nhat's Next?</u> Any offered elective	Tier III
32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22	
Feachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	
DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: BRITISH LITERATURE A	3142 A
ICC Course: British Literature I to 1800 (ENGL 2322)	
survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students	03221800
	(-rade level: 11 – 12
will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts.	Grade level: 11 – 12 FCHS <sup>:</sup> 9 - 12
will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Fexts will be selected from a diverse group of authors and traditions.	ECHS: 9 - 12
will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Fexts will be selected from a diverse group of authors and traditions. <u>Instructional Material:</u> NA	ECHS: 9 - 12 Credit(s): 0.5
will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. <u>nstructional Material:</u> NA <u>-WISD &amp; TCC Prerequisites:</u> ENGL 1302	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours
will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. <u>Texts will be selected from a diverse group of authors and traditions.</u> <u>Instructional Material:</u> NA <u>WISD &amp; TCC Prerequisites:</u> ENGL 1302 <u>What's Next?</u> ENGL 2323	ECHS: 9 - 12 Credit(s): 0.5
will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. <u>Instructional Material:</u> NA <u>EWISD &amp; TCC Prerequisites:</u> ENGL 1302 <u>What's Next?</u> ENGL 2323 Course taught by an approved adjunct instructor.	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b>
vill study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Instructional Material: NA WISD & TCC Prerequisites: ENGL 1302 What's Next? ENGL 2323 Course taught by an approved adjunct instructor. DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: BRITISH LITERATURE B	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours
vill study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Instructional Material: NA WISD & TCC Prerequisites: ENGL 1302 What's Next? ENGL 2323 Course taught by an approved adjunct instructor. DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: BRITISH LITERATURE B TCC Course: British Literature II Since 1800 (ENGL 2323)	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3142 B</b>
will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Instructional Material: NA EWISD & TCC Prerequisites: ENGL 1302 What's Next? ENGL 2323 Course taught by an approved adjunct instructor. DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: BRITISH LITERATURE B ICC Course: British Literature II Since 1800 (ENGL 2323) A survey of the development of British literature from the Romantic period to the present. Students will study work	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3142 B</b>
<ul> <li>will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts.</li> <li>Texts will be selected from a diverse group of authors and traditions.</li> <li>Instructional Material: NA</li> <li>WISD &amp; TCC Prerequisites: ENGL 1302</li> <li>What's Next? ENGL 2323</li> <li>Course taught by an approved adjunct instructor.</li> <li>DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: BRITISH LITERATURE B</li> <li>TCC Course: British Literature II Since 1800 (ENGL 2323)</li> <li>A survey of the development of British literature from the Romantic period to the present. Students will study work of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a</li> </ul>	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3142 B</b>
<ul> <li>will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts.</li> <li>Texts will be selected from a diverse group of authors and traditions.</li> <li>Instructional Material: NA</li> <li>WISD &amp; TCC Prerequisites: ENGL 1302</li> <li>What's Next? ENGL 2323</li> <li>Course taught by an approved adjunct instructor.</li> <li>DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: BRITISH LITERATURE B</li> <li>TCC Course: British Literature II Since 1800 (ENGL 2323)</li> <li>A survey of the development of British literature from the Romantic period to the present. Students will study work of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions.</li> </ul>	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3142 B</b>
will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Instructional Material: NA WISD & TCC Prerequisites: ENGL 1302 What's Next? ENGL 2323 Course taught by an approved adjunct instructor. DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: BRITISH LITERATURE B TCC Course: British Literature II Since 1800 (ENGL 2323) A survey of the development of British literature from the Romantic period to the present. Students will study work of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Instructional Material: NA	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3142 B</b> 5 03221800
will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Instructional Material: NA WISD & TCC Prerequisites: ENGL 1302 What's Next? ENGL 2323 Course taught by an approved adjunct instructor. DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: BRITISH LITERATURE B TCC Course: British Literature II Since 1800 (ENGL 2323) A survey of the development of British literature from the Romantic period to the present. Students will study work of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Instructional Material: NA WISD Prerequisites: ENGL 2322	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3142 B</b> 5 03221800 Grade level: 11 - 12
will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Instructional Material: NA WISD & TCC Prerequisites: ENGL 1302 What's Next? ENGL 2323 Course taught by an approved adjunct instructor. DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: BRITISH LITERATURE B TCC Course: British Literature II Since 1800 (ENGL 2323) A survey of the development of British literature from the Romantic period to the present. Students will study work of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Instructional Material: NA WISD Prerequisites: ENGL 2322 TCC Prerequisites: ENGL 2322 TCC Prerequisites: ENGL 1302	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3142 B</b> 5 03221800 Grade level: 11 - 12 ECHS: 9 - 12
will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Instructional Material: NA WISD & TCC Prerequisites: ENGL 1302 What's Next? ENGL 2323 Course taught by an approved adjunct instructor. DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: BRITISH LITERATURE B TCC Course: British Literature II Since 1800 (ENGL 2323) A survey of the development of British literature from the Romantic period to the present. Students will study work of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Instructional Material: NA WISD Prerequisites: ENGL 2322	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3142 B</b> 5 03221800 Grade level: 11 - 12

DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: MEXICAN-AMERICAN LITERATURE T TCC Course: Mexican-American Literature (ENGL 2351)	3144 T
A survey of Mexican-American/Chicano/a literature including fiction, non-fiction, poetry, and drama.	03221800
Instructional Material: NA	Grade level: NA
FWISD & TCC Prerequisites: ENGL 1302	ECHS: 9 - 12
What's Next? NA	Credit(s): 0.5
Course taught by an approved adjunct instructor	College Hour(s): 3 hours
32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22	Tier I
DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: WORLD LITERATURE IT	3146 T
TCC Course: World Literature I to 1650 (ENGL 2332)	•••••
A survey of world literature from the ancient world through the sixteenth century. Students will study works of	03221800
prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a	
diverse group of authors and traditions.	Grade level: NA
Instructional Material: NA	ECHS: 9 – 12
FWISD & TCC Prerequisites: ENGL 1302	Credit(s): 0.5
What's Next? NA	College Hour(s): 3 hours
Course taught by an approved adjunct instructor	Tier I
32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22	
DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: WORLD LITERATURE IIT DC	3147 T
TCC Course: World Literature II From 1650 (ENGL 2333)	
A survey of world literature from the seventeenth century to the present. Students will study works of prose, poetry,	03221800
drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of	
authors and traditions.	Grade level: NA
Instructional Material: NA	ECHS: 9 – 12
FWISD & TCC Prerequisites: ENGL 1302	Credit(s): 0.5
What's Next? NA Course taught by an approved adjunct instructor.	College Hour(s): 3 hours
32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22	Tier I
DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: FORMS OF LITERATURE IT	3148 T
TCC Course: Forms of Literature I (ENGL 2342)	03221800
The study of one or more literary genres including, but not limited to, poetry, fiction, drama and film.	Grade level: NA
Instructional Material: NA	ECHS: 9 – 12
FWISD & TCC Prerequisites: ENGL 1302	Credit(s): 0.5
What's Next? NA	College Hour(s): 3 hours
Course taught by an approved adjunct instructor	Tier I
32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22	
DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: FORMS OF LITERATURE IIT	3149 T
TCC Course: Forms of Literature II (ENGL 2343)	51491
	03221810
The study of one or more literary genres including, but not limited to, poetry, fiction, drama and film.	
The study of one or more literary genres including, but not limited to, poetry, fiction, drama and film. Instructional Material: NA	Grade level: NA
Instructional Material: NA	
Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1302	ECHS: 9 - 12
Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1302 What's Next? NA	ECHS: 9 - 12 Credit(s): 0.5
Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1302 What's Next? NA Course taught by an approved adjunct instructor	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours
Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1302 What's Next? NA Course taught by an approved adjunct instructor 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b>
Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1302 What's Next? NA Course taught by an approved adjunct instructor 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: RESEARCH & TECHNICAL WRITING T	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours
Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1302 What's Next? NA Course taught by an approved adjunct instructor 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b>
Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1302 What's Next? NA Course taught by an approved adjunct instructor 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: RESEARCH & TECHNICAL WRITING T TCC Course: Technical & Business Writing (ENGL 2311) Students enrolled in this course will focus on developing skills necessary for writing persuasive and informative	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3152 T</b>
Instructional Material: NA EWISD & TCC Prerequisites: ENGL 1302 What's Next? NA Course taught by an approved adjunct instructor 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: RESEARCH & TECHNICAL WRITING T TCC Course: Technical & Business Writing (ENGL 2311) Students enrolled in this course will focus on developing skills necessary for writing persuasive and informative texts. This rigorous composition course asks high school students to skillfully research a topic or a variety of topics	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3152 T</b> 03221810 Grade level: 11 - 12
Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1302 What's Next? NA Course taught by an approved adjunct instructor 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: RESEARCH & TECHNICAL WRITING T TCC Course: Technical & Business Writing (ENGL 2311) Students enrolled in this course will focus on developing skills necessary for writing persuasive and informative texts. This rigorous composition course asks high school students to skillfully research a topic or a variety of topics and present that information through a variety of media. All students are expected to demonstrate an	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3152 T</b> 03221810 Grade level: 11 - 12 Credit(s): 0.5
Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1302 What's Next? NA Course taught by an approved adjunct instructor 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: RESEARCH & TECHNICAL WRITING T TCC Course: Technical & Business Writing (ENGL 2311) Students enrolled in this course will focus on developing skills necessary for writing persuasive and informative texts. This rigorous composition course asks high school students to skillfully research a topic or a variety of topics and present that information through a variety of media. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3152 T</b> 03221810 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): 3 hours
Instructional Material: NA FWISD & TCC Prerequisites: ENGL 1302 What's Next? NA Course taught by an approved adjunct instructor 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 <b>DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: RESEARCH &amp; TECHNICAL WRITING T</b> <b>TCC Course: Technical &amp; Business Writing (ENGL 2311)</b> Students enrolled in this course will focus on developing skills necessary for writing persuasive and informative texts. This rigorous composition course asks high school students to skillfully research a topic or a variety of topics and present that information through a variety of media. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3152 T</b> 03221810 Grade level: 11 - 12 Credit(s): 0.5
nstructional Material: NA EWISD & TCC Prerequisites: ENGL 1302 What's Next? NA Course taught by an approved adjunct instructor 32218## 1st Time taken: ##=00, 2nd Time taken: ##=10, 3rd Time taken: ##=22 DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: RESEARCH & TECHNICAL WRITING T ICC Course: Technical & Business Writing (ENGL 2311) Students enrolled in this course will focus on developing skills necessary for writing persuasive and informative texts. This rigorous composition course asks high school students to skillfully research a topic or a variety of topics and present that information through a variety of media. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the	ECHS: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> <b>3152 T</b> 03221810 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): 3 hours

<u>FWISD & TCC Prerequisites:</u> ENGL 1301 <u>What's Next?</u> NA Course taught by an approved adjunct instructor

#### DUAL CREDIT INDEPENDENT STUDY IN ENGLISH: CREATIVE WRITING T TCC Course: Creative Writing I (ENGL 2307)

Students enrolled in this course will focus on a rigorous composition course that asks high school students to demonstrate their skill in such forms of writing as fictional writing, short stories, poetry, and drama. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop peer and self-assessments for effective writing, and set their own goals as writers.

03221800 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): 3 hours **Tier I** 

Instructional Material: NA	
FWISD & TCC Prerequisites: ENGL 1301	
<u>What's Next?</u> NA	
Course taught by an approved adjunct instructor.	
JOURNALISM AB	3515 AB
Students will become analytical consumers of media and technology to enhance their communication skills.	03230100
Writing, technology, visual and electronic media are used as tools for learning as students create, clarify, critique,	
write, and produce effective communications. Students will learn journalistic traditions, research self-selected	
topics, write journalistic texts, and learn the principles of publishing.	
Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	
<u>Prerequisites:</u> English I	Grade level: 9 - 12
What's Next? Advanced Journalism: Newspaper I AB; Honors Advanced Journalism: Newspaper I ABH; Advanced	Credit(s): 0.5 - 1
Journalism: Yearbook or Literary Magazine I AB; Honors Advanced Journalism: Yearbook or Literary Magazine I	College Hour(s): NA
_ABH; any offered elective	Tier III
HONORS JOURNALISM ABH	3514 ABH
The Journalism I AB Honors course provides a means for students seeking a more rigorous curriculum to earn	03230100
Honors credit upon successful completion. This course will also count as a pre-requisite to enroll in the Honors	
Newspaper or Yearbook courses (Newspaper or Yearbook I AB). The Journalism I AB Honors course will build on the	
Journalism I AB curriculum by allowing students to become analytical consumers of media and technology to	
enhance their communications skills through the application and use of the Associated Press stylebook, journalistic	
writing assignments, and hands-on projects.	Grade level: 9 – 12
Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	Credit(s): 0.5 - 1
Prerequisites: Honors English I	College Hour(s): NA
What's Next? Placement in Honors Yearbook or Newspaper I AB	Tier II
ADVANCED JOURNALISM: NEWSPAPER I AB	3518 AB
	5516118
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career	03230140
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career	
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth	
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects.	03230140
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	03230140 Grade level: 9 - 12
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. <u>Instructional Material:</u> 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 <u>Prerequisites:</u> Journalism IA or IB <u>What's Next?</u> Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective.	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b>
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b>
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH Provides instruction in all phases of newspaper journalistic production including the study of various career	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b>
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH Provides instruction in all phases of newspaper journalistic production including the study of various career opportunities and job types.	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b> 03230140
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH Provides instruction in all phases of newspaper journalistic production including the study of various career opportunities and job types. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b> 03230140 Grade level: 10 - 12
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH Provides instruction in all phases of newspaper journalistic production including the study of various career opportunities and job types. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism I and/or submission of a portfolio.	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b> 03230140 Grade level: 10 - 12 Credit(s): 0.5-1
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 <u>Prerequisites:</u> Journalism IA or IB <u>What's Next?</u> Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH Provides instruction in all phases of newspaper journalistic production including the study of various career opportunities and job types. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 <u>Prerequisites:</u> Journalism I and/or submission of a portfolio. <u>What's Next?</u> Advanced Journalism: Newspaper II AB	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b> 03230140 Grade level: 10 - 12 Credit(s): 0.5-1 College Hour(s): NA
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH Provides instruction in all phases of newspaper journalistic production including the study of various career opportunities and job types. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism I and/or submission of a portfolio. What's Next? Advanced Journalism: Newspaper II AB Students will create portfolios containing exemplars of their work.	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b> 03230140 Grade level: 10 - 12 Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b>
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH Provides instruction in all phases of newspaper journalistic production including the study of various career opportunities and job types. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 <u>Prerequisites:</u> Journalism I and/or submission of a portfolio. What's Next? Advanced Journalism: Newspaper II AB Students will create portfolios containing exemplars of their work. ADVANCED JOURNALISM: NEWSPAPER II AB	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b> 03230140 Grade level: 10 - 12 Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3520 AB</b>
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH Provides instruction in all phases of newspaper journalistic production including the study of various career opportunities and job types. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism I and/or submission of a portfolio. What's Next? Advanced Journalism: Newspaper II AB Students will create portfolios containing exemplars of their work. ADVANCED JOURNALISM: NEWSPAPER II AB This course includes detailed study of communication via the printed media, writing styles in content and	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b> 03230140 Grade level: 10 - 12 Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3520 AB</b>
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. <u>Instructional Material</u> ; <i>1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042</i> <u>Prerequisites</u> ; Journalism IA or IB <u>What's Next?</u> Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. <u>HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH</u> Provides instruction in all phases of newspaper journalistic production including the study of various career opportunities and job types. <u>Instructional Material</u> ; 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 <u>Prerequisites</u> ; Journalism I and/or submission of a portfolio. <u>What's Next?</u> Advanced Journalism: Newspaper II AB Students will create portfolios containing exemplars of their work. <u>ADVANCED JOURNALISM: NEWSPAPER II AB</u> This course includes detailed study of communication via the printed media, writing styles in content and conventions, news analysis, photography, page and section design and production, and techniques in marketing,	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b> 03230140 Grade level: 10 - 12 Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3520 AB</b>
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH Provides instruction in all phases of newspaper journalistic production including the study of various career opportunities and job types. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism I and/or submission of a portfolio. What's Next? Advanced Journalism: Newspaper II AB Students will create portfolios containing exemplars of their work. ADVANCED JOURNALISM: NEWSPAPER I AB This course includes detailed study of communication via the printed media, writing styles in content and conventions, news analysis, photography, page and section design and production, and techniques in marketing, sales, and distribution. It emphasizes career opportunities available in the field of publications. It allows students to	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b> 03230140 Grade level: 10 - 12 Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3520 AB</b> 03230150
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH Provides instruction in all phases of newspaper journalistic production including the study of various career opportunities and job types. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism I and/or submission of a portfolio. What's Next? Advanced Journalism: Newspaper II AB Students will create portfolios containing exemplars of their work. ADVANCED JOURNALISM: NEWSPAPER II AB This course includes detailed study of communication via the printed media, writing styles in content and conventions, news analysis, photography, page and section design and production, and techniques in marketing, sales, and distribution. It emphasizes career opportunities available in the field of publications. It allows students to become competent in various publishing programs and the technology necessary to implement them.	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b> 03230140 Grade level: 10 - 12 Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3520 AB</b> 03230150 Grade level: 10 - 12
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material; 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH Provides instruction in all phases of newspaper journalistic production including the study of various career opportunities and job types. Instructional Material; 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Journalism I and/or submission of a portfolio. What's Next? Advanced Journalism: Newspaper II AB Students will create portfolios containing exemplars of their work. ADVANCED JOURNALISM: NEWSPAPER II AB This course includes detailed study of communication via the printed media, writing styles in content and conventions, news analysis, photography, page and section design and production, and techniques in marketing, sales, and distribution. It emphasizes career opportunities available in the field of publications. It allows students to become competent in various publishing programs and the technology necessary to implement them. Instructional Material; No state-adopted instructional material(s)/Contact Content Director	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b> 03230140 Grade level: 10 - 12 Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3520 AB</b> 03230150 Grade level: 10 - 12 Credit(s): 0.5 - 1
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites; Journalism IA or IB What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered elective. HONORS ADVANCED JOURNALISM: NEWSPAPER I ABH Provides instruction in all phases of newspaper journalistic production including the study of various career opportunities and job types. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites; Journalism I and/or submission of a portfolio. What's Next? Advanced Journalism: Newspaper II AB Students will create portfolios containing exemplars of their work. ADVANCED JOURNALISM: NEWSPAPER II AB This course includes detailed study of communication via the printed media, writing styles in content and conventions, news analysis, photography, page and section design and production, and techniques in marketing, sales, and distribution. It emphasizes career opportunities available in the field of publications. It allows students to become competent in various publishing programs and the technology necessary to implement them. Instructional Material: No state-adopted instructional material(s)/Contact Content Director Prerequisites: Advanced Journalism; Newspaper I; and either Touch System Data Entry; Business Information	03230140 Grade level: 9 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3519 ABH</b> 03230140 Grade level: 10 - 12 Credit(s): 0.5-1 College Hour(s): NA <b>Tier II</b> <b>3520 AB</b> 03230150 Grade level: 10 - 12 Credit(s): 0.5 - 1 College Hour(s): NA

HONORS ADVANCED JOURNALISM: NEWSPAPER II ABH	3522 ABH
n-depth study and practice in the process of creating an edition of a newspaper. Students will better define the	03230150
kills necessary to produce a newspaper such as researching, writing, editing, photography, layout, sales, and	
narketing plus the technology described in Advanced Journalism: Newspaper II AB. Honors students will also	
ssume leadership positions such as editors, chief photographers, sales managers, etc. to direct the work of the	
ewspaper staff and will take on additional assignments and projects to earn honors credit.	
nstructional Material: No state-adopted instructional material(s)/Contact Content Director	
Prerequisites: Advanced Journalism: Newspaper I AB or Honors Advanced Journalism: Newspaper I AB; and four of	Grade level: 10 – 12
he following; English I or English II; Touch System Data Entry; Business Information Management I; Principles of	Credit(s): 0.5 - 1
nformation Technology; student interest.	College Hour(s): NA
<u>What's Next?</u> Honors Advanced Journalism: Newspaper III AB; Any offered elective.	Tier II
HONORS ADVANCED JOURNALISM: NEWSPAPER III ABH	3524 ABH
Honors Advanced Journalism: Newspaper III AB/H will go beyond the Newspaper II AB/H requirements to focus	03230160
primarily on developing student's leadership abilities in guiding incoming staff in producing at least six issues of a	03230100
student newspaper for the school year. Students will: 1) continue to apply the writing, editing, and photography	
skills learned in Newspaper II AB/H; 2) assume overall leadership responsibilities including the editor-in-chief, co-	
editor-in chief, business manager, or managing editor; 3) work to train all incoming staff members in areas such as	
copyediting, technology, design themes, newspaper writing, and style; 4) and come up with creative ideas to reach	
new advertisers. The portfolio submitted for review prior to enrollment will include two examples of journalistic	
writing and/or 5-10 examples of journalistic photography with captions prior to being enrolled in the honors class.	
The portfolio will be evaluated by journalism/publications teacher using standard journalistic style considerations.	
nstructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	Grade level: 10 – 12
Prerequisites: Advanced Journalism: Newspaper II AB and submission of portfolio for evaluation, and student must	Credit(s): 0.5 - 1
have held a leadership position for a publication for at least one year prior.	College Hour(s): NA
What's Next? Any offered elective.	Tier II
ADVANCED JOURNALISM: LITERARY MAGAZINE I AB	3544 AB
Course emphasizes advanced work involving reporting, advertising campaigns, in-depth research, career	03230170
ournalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth	
reporting, and individual projects.	
Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	Grade level: 9 - 12
<u>Prerequisites:</u> Journalism IA or IB M/Lat/a Nauta Advanced Leure aliante Neuronana III AB: Llancer Advanced Leure aliante Neuronana III AB: Actor affanted	Credit(s): 0.5 - 1
What's Next? Advanced Journalism; Newspaper II AB; Honors Advanced Journalism; Newspaper II AB; Any offered	College Hour(s): NA
	Tier III
HONORS ADVANCED JOURNALISM: LITERARY MAGAZINE I ABH	
	3546 ABH
Course emphasizes advanced work and leadership positions such as section editors involved in reporting,	03230170
Course emphasizes advanced work and leadership positions such as section editors involved in reporting,	
Course emphasizes advanced work and leadership positions such as section editors involved in reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. This honors level I course will	
Course emphasizes advanced work and leadership positions such as section editors involved in reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. This honors level I course will go beyond the regular course requirements providing a rigorous in-depth focus requiring the students to 1)	
Course emphasizes advanced work and leadership positions such as section editors involved in reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. This honors level I course will go beyond the regular course requirements providing a rigorous in-depth focus requiring the students to 1) Continue to apply the writing, editing, and photography skills learned in Journalism I AB; 2) Assume leadership	
Course emphasizes advanced work and leadership positions such as section editors involved in reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. This honors level I course will go beyond the regular course requirements providing a rigorous in-depth focus requiring the students to 1) Continue to apply the writing, editing, and photography skills learned in Journalism I AB; 2) Assume leadership	
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Course emphasizes advanced work and leadership positions such as section editors involved in reporting, advertising campaigns, in-depth research, career journalism, and original projects. Centers around advanced instruction in advertising, editorial writing, in-depth reporting, and individual projects. This honors level I course will go beyond the regular course requirements providing a rigorous in-depth focus requiring the students to 1)	03230170 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b> <b>3548 AB</b> 03230180
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	3550 ABH
In-depth study and practice in the process of creating an edition of a newspaper. Students will better define the	03230180
skills necessary to produce a newspaper such as researching, writing, editing, photography, layout, sales, and	
marketing plus the technology described in Advanced Journalism: Newspaper II AB. Honors students will also	
assume leadership positions such as editors, chief photographers, sales managers, etc. to direct the work of the	
newspaper staff and will take on additional assignments and projects to earn honors credit.	
Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	
Prerequisites: Advanced Journalism: Newspaper I or Honors Advanced Journalism; Newspaper I; and four of the	Grade level: 10 – 12
following: English I or English II: Touch System Data Entry; Business Information Management I; Principles of	Credit(s): 0.5 - 1
Information Technology; student interest.	College Hour(s): NA
What's Next? Honors Advanced Journalism: Newspaper III AB; Any offered elective.	Tier II
ADVANCED JOURNALISM: LITERARY MAGAZINE III T	3552 T
Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.	03230190
······································	Grade level: 10 - 12
Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	Credit(s): 0.5
Prerequisites: Advanced Journalism; Literary Magazine II	College Hour(s): NA
What's Next? Any offered elective	Tier III
HONORS ADVANCED JOURNALISM: LITERARY MAGAZINE III ABH	3554 ABH
Honors Literary Magazine will go beyond the Literary Magazine II requirements to focus primarily on developing	03230190
students' leadership abilities in guiding incoming staff in producing the school yearbook or literary magazine	
publication. Students will: 1) assume overall leadership responsibilities including the editor-in-chief, co-editor-in-	
chief, or business ads/sales manager 2) train all incoming staff members in areas such as copy editing, technology,	
design themes, writing, and overall style for the yearbook; 3) have overall responsibility for maintaining/increasing	
sales and ad sales; 4) come up with creative ideas to reach new advertisers; and 5) develop an overall theme for the	
	Crada Javal: 10 12
yearbook and create sections and pages that represent this theme throughout the yearbook.	Grade level: 10 - 12
Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	Credit(s): 0.5 - 1
Prerequisites: Advanced Journalism: Yearbook or Literary Magazine II, student must have held a leadership position	College Hour(s): NA
for the publication for at least a year prior, and submit a portfolio for evaluation.	Tier II
What's Next? Any offered elective	
ADVANCED JOURNALISM: YEARBOOK I AB	3558 AB
Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining	03230110
their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English	
while learning ethics and standards. Writing, technology, and visual and electronic media are used as tools for	
	Crada laval: 10 12
learning as students create, clarify, critique, write, and produce effective communications. Students refine and	Grade level: 10 - 12
enhance journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s).	Credit(s): 0.5 - 1
Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	College Hour(s): NA
	Tier III
Prerequisites: Taken in sequence	
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.	3556 ABH
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective. HONORS ADVANCED JOURNALISM: YEARBOOK I ABH	<b>3556 ABH</b> 03230110
<u>What's Next?</u> Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective. HONORS ADVANCED JOURNALISM: YEARBOOK I ABH Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.	03230110
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	03230110 Grade level: 10 – 12
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student interest and/or submission of a portfolio.	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student interest and/or submission of a portfolio.	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA
What's Next?       Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material:       1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites:       Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student interest and/or submission of a portfolio.         What's Next?       Level II honors courses	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student         interest and/or submission of a portfolio.         What's Next? Level II honors courses         ADVANCED JOURNALISM: YEARBOOK II AB	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b>
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student         interest and/or submission of a portfolio.         What's Next? Level II honors courses         ADVANCED JOURNALISM: YEARBOOK II AB         Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b> <b>3560 AB</b>
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student         interest and/or submission of a portfolio.         What's Next? Level II honors courses         ADVANCED JOURNALISM: YEARBOOK II AB         Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining         their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b> <b>3560 AB</b>
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student         interest and/or submission of a portfolio.         What's Next? Level II honors courses         ADVANCED JOURNALISM: YEARBOOK II AB         Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English while learning ethics and standards. Writing, technology, and visual and electronic media are used as tools for	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b> <b>3560 AB</b> 03230120
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student interest and/or submission of a portfolio.         What's Next? Level II honors courses         ADVANCED JOURNALISM: YEARBOOK II AB         Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English while learning ethics and standards. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students refine and	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b> <b>3560 AB</b> 03230120 Grade level: 10 - 12
What's Next?       Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material:       1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites:       Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student         interest and/or submission of a portfolio.         What's Next? Level II honors courses         ADVANCED JOURNALISM: YEARBOOK II AB         Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining         their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English         while learning ethics and standards. Writing, technology, and visual and electronic media are used as tools for         learning as students create, clarify, critique, write, and produce effective communications. Students refine and         enhance journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s).	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b> <b>3560 AB</b> 03230120 Grade level: 10 - 12 Credit(s): 0.5 - 1
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         Il; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student         interest and/or submission of a portfolio.         What's Next? Level II honors courses         ADVANCED JOURNALISM: YEARBOOK II AB         Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English while learning ethics and standards. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students refine and enhance journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s).         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b> <b>3560 AB</b> 03230120 Grade level: 10 - 12 Credit(s): 0.5 - 1 College Hour(s): NA
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         Il; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student interest and/or submission of a portfolio.         What's Next? Level II honors courses         ADVANCED JOURNALISM: YEARBOOK II AB         Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English while learning ethics and standards. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students refine and enhance journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s).         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Taken in sequence	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b> <b>3560 AB</b> 03230120 Grade level: 10 - 12 Credit(s): 0.5 - 1
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         Il; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student interest and/or submission of a portfolio.         What's Next? Level II honors courses         ADVANCED JOURNALISM: YEARBOOK II AB         Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English while learning ethics and standards. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students refine and enhance journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s).         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Taken in sequence	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b> <b>3560 AB</b> 03230120 Grade level: 10 - 12 Credit(s): 0.5 - 1 College Hour(s): NA
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student         interest and/or submission of a portfolio.         What's Next? Level II honors courses         ADVANCED JOURNALISM: YEARBOOK II AB         Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining         their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English         while learning ethics and standards. Writing, technology, and visual and electronic media are used as tools for         learning as students create, clarify, critique, write, and produce effective communications. Students refine and         enhance journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s).         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Taken in sequence         What's Next? Advanced Journalism: Yearbook III or Advanced Journalism: Literary	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b> <b>3560 AB</b> 03230120 Grade level: 10 - 12 Credit(s): 0.5 - 1 College Hour(s): NA
Prerequisites: Taken in sequence What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective. HONORS ADVANCED JOURNALISM: YEARBOOK I ABH Provides instruction in all phases of magazine-type journalistic production, including the literary magazine. Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student interest and/or submission of a portfolio. What's Next? Level II honors courses ADVANCED JOURNALISM: YEARBOOK II AB Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English while learning ethics and standards. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students refine and enhance journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s). Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042 Prerequisites; Taken in sequence What's Next? Advanced Journalism: Yearbook III or Advanced Journalism: Literary Magazine; Any offered elective. HONORS ADVANCED JOURNALISM: YEARBOOK II ABH In-depth study and practice in the process of producing a specific publication being yearbook. Students will better	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b> <b>3560 AB</b> 03230120 Grade level: 10 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b>
What's Next? Advanced Journalism: Yearbook II or Advanced Journalism; Literary Magazine; Any offered elective.         HONORS ADVANCED JOURNALISM: YEARBOOK I ABH         Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English         II; Touch System Data Entry; Business Information Management I; Principles of Information Technology, student interest and/or submission of a portfolio.         What's Next? Level II honors courses         ADVANCED JOURNALISM: YEARBOOK II AB         Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English while learning ethics and standards. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students refine and enhance journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s).         Instructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042         Prerequisites: Taken in sequence         What's Next? Advanced Journalism: Yearbook III or Advanced Journalism: Literary Magazine; Any offered elective.	03230110 Grade level: 10 – 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier II</b> <b>3560 AB</b> 03230120 Grade level: 10 - 12 Credit(s): 0.5 - 1 College Hour(s): NA <b>Tier III</b> <b>3564 ABH</b>

Honors students will also assume leadership positions such as section editors, chief photographers, and sales	Credit(s): 0.5 - 1
nanagers to direct the work of the publications' staff. Students will undertake additional assignments and projects o earn honors credit.	College Hour(s): NA <b>Tier II</b>
nstructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	
Prerequisites: Advanced Journalism: Yearbook or Literary Magazine I and four of the following: English I or English	
l; Touch System Data Entry; Business Information Management I; Principles of Information Technology.	
<u>Nhat's Next?</u> Honors Advanced Journalism; Yearbook or Literary Magazine III; any offered elective	
ADVANCED JOURNALISM: YEARBOOK IIIT	3562 T
Provides instruction in all phases of magazine-type journalistic production, including the literary magazine.	03230130 Grade level: 9 - 12
nstructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	Credit(s): 0.5
Prerequisites: Creative and Imaginative Writing IT	College Hour(s): NA
<u>What's Next?</u> Any offered elective	Tier III
HONORS ADVANCED JOURNALISM: YEARBOOK III ABH	3568 ABH
Honors Yearbook will go beyond the Yearbook II requirements to focus primarily on developing students'	03230130
eadership abilities in guiding incoming staff in producing the school yearbook or literary magazine publication.	
Students will: 1) assume overall leadership responsibilities including the editor-in-chief, co-editor-in-chief, or	
pusiness ads/sales manager; 2) train all incoming staff members in areas such as copy editing, technology, design	
hemes, writing, and overall style for the yearbook; 3) have overall responsibility for maintaining/increasing sales	
and ad sales; 4) come up with creative ideas to reach new advertisers; and 5) develop an overall theme for the	
earbook and create sections and pages that represent this theme throughout the yearbook.	
nstructional Material: 1155 – Journalism Today! McGraw-Hill School Division, ISBN: 0658004042	Grade level: 9 – 12
Prerequisites: Advanced Journalism: Yearbook or Literary Magazine II, student must have held a leadership position	Credit(s): 0.5 - 1
or the publication for at least a year prior, and submit a portfolio for evaluation.	College Hour(s): NA
<u>Nhat's Next?</u> Any offered elective	Tier II
ADVANCED BROADCAST JOURNALISM I AB	0714 AB
Course emphasizes radio and television broadcasting. Students are provided opportunities to understand radio	03231900
vaves, the radio spectrum, and the history and significance of radio and television broadcasting. Students explore	
ssues in legal and ethical responsibilities of non-print media, analyze non-print media coverage of news, and work	
within regulatory constraints. Students are also provided opportunities to distinguish between capabilities of print	
and non-print media news coverage, to select coverage, and to gather news.	Grade level: 9 - 12
nstructional Material: No state-adopted instructional material(s)/Contact Content Director	Credit(s): 0.5 - 1
Prerequisites: Taken in sequence	College Hour(s): NA
<u>Vhat's Next?</u> Any offered elective	Tier III
ADVANCED BROADCAST JOURNALISM II AB	0716 AB
Provides opportunities for students to learn about the history and functions of broadcast media; laws and ethical	03231901
considerations affecting broadcast media; impact of radio/television on society; production techniques including	
cript writing, voice performance techniques, advertising strategies, career opportunities; and establishment of	
evaluation criteria. Students will produce, individually and in small groups, video productions emphasizing	
nformational, documentary, and dramatic themes. All steps of production from script writing to tape editing will be ncluded.	Grade level: 9 - 12
	Credit(s): 0.5 - 1
nstructional Material: No state-adopted instructional material(s)/Contact Content Director	College Hour(s): NA
nstructional Material: No state-adopted instructional material(s)/Contact Content Director Prerequisites: Advanced Broadcast Journalism I What's Next? Any offered elective	
<u>rerequisites:</u> Advanced Broadcast Journalism I <u>Vhat's Next?</u> Any offered elective	Tier III
r <u>rerequisites:</u> Advanced Broadcast Journalism I <u>Vhat's Next?</u> Any offered elective PHOTOJOURNALISM AB	Tier III 0715 AB
Prerequisites: Advanced Broadcast Journalism I <u>Vhat's Next?</u> Any offered elective <b>PHOTOJOURNALISM AB</b> Provides opportunities to plan photographs and to illustrate news events with appropriate photos and captions. In	Tier III
Prerequisites: Advanced Broadcast Journalism I <u>Vhat's Next?</u> Any offered elective <b>PHOTOJOURNALISM AB</b> Provides opportunities to plan photographs and to illustrate news events with appropriate photos and captions. In ddition, students learn to operate various types of cameras, light meters, and electronic strobes; to use the	Tier III 0715 AB
Prerequisites: Advanced Broadcast Journalism I <u>What's Next?</u> Any offered elective <b>PHOTOJOURNALISM AB</b> Provides opportunities to plan photographs and to illustrate news events with appropriate photos and captions. In iddition, students learn to operate various types of cameras, light meters, and electronic strobes; to use the larkroom; to use film processing supplies; and to identify available supplementary services. Students also learn to	Tier III           0715 AB           03230800
<u>rerequisites:</u> Advanced Broadcast Journalism I <u>Vhat's Next?</u> Any offered elective <b>PHOTOJOURNALISM AB</b> provides opportunities to plan photographs and to illustrate news events with appropriate photos and captions. In ddition, students learn to operate various types of cameras, light meters, and electronic strobes; to use the larkroom; to use film processing supplies; and to identify available supplementary services. Students also learn to rop and scale photographs and are provided opportunities to apply principles of balance and contrast.	Tier III           0715 AB           03230800           Grade level: 9 - 12
Prerequisites: Advanced Broadcast Journalism I <u>What's Next?</u> Any offered elective PHOTOJOURNALISM AB Provides opportunities to plan photographs and to illustrate news events with appropriate photos and captions. In ddition, students learn to operate various types of cameras, light meters, and electronic strobes; to use the larkroom; to use film processing supplies; and to identify available supplementary services. Students also learn to rop and scale photographs and are provided opportunities to apply principles of balance and contrast. Instructional Material: No state-adopted instructional material(s)/Contact Content Director	Tier III           0715 AB           03230800           Grade level: 9 - 12           Credit(s): 0.5 - 1
Prerequisites: Advanced Broadcast Journalism I <u>What's Next?</u> Any offered elective PHOTOJOURNALISM AB Provides opportunities to plan photographs and to illustrate news events with appropriate photos and captions. In ddition, students learn to operate various types of cameras, light meters, and electronic strobes; to use the larkroom; to use film processing supplies; and to identify available supplementary services. Students also learn to rop and scale photographs and are provided opportunities to apply principles of balance and contrast. <u>Instructional Material:</u> No state-adopted instructional material(s)/Contact Content Director Prerequisites: Taken in sequence	Tier III           0715 AB           03230800           Grade level: 9 - 12
Prerequisites: Advanced Broadcast Journalism I <u>What's Next?</u> Any offered elective PHOTOJOURNALISM AB Provides opportunities to plan photographs and to illustrate news events with appropriate photos and captions. In iddition, students learn to operate various types of cameras, light meters, and electronic strobes; to use the larkroom; to use film processing supplies; and to identify available supplementary services. Students also learn to irop and scale photographs and are provided opportunities to apply principles of balance and contrast. Instructional Material: No state-adopted instructional material(s)/Contact Content Director Prerequisites: Taken in sequence <u>What's Next?</u> Any offered elective	Tier III           0715 AB           03230800           Grade level: 9 - 12           Credit(s): 0.5 - 1           College Hour(s): NA
Prerequisites: Advanced Broadcast Journalism I <u>What's Next?</u> Any offered elective PHOTOJOURNALISM AB Provides opportunities to plan photographs and to illustrate news events with appropriate photos and captions. In addition, students learn to operate various types of cameras, light meters, and electronic strobes; to use the darkroom; to use film processing supplies; and to identify available supplementary services. Students also learn to strop and scale photographs and are provided opportunities to apply principles of balance and contrast. Instructional Material: No state-adopted instructional material(s)/Contact Content Director Prerequisites: Taken in sequence What's Next? Any offered elective NDEPENDENT STUDY/JOURNALISM T	Tier III         0715 AB         03230800         Grade level: 9 - 12         Credit(s): 0.5 - 1         College Hour(s): NA         Tier III         3566 T
Prerequisites: Advanced Broadcast Journalism I <u>What's Next?</u> Any offered elective PHOTOJOURNALISM AB Provides opportunities to plan photographs and to illustrate news events with appropriate photos and captions. In iddition, students learn to operate various types of cameras, light meters, and electronic strobes; to use the larkroom; to use film processing supplies; and to identify available supplementary services. Students also learn to irop and scale photographs and are provided opportunities to apply principles of balance and contrast. Instructional Material: No state-adopted instructional material(s)/Contact Content Director Prerequisites: Taken in sequence <u>What's Next?</u> Any offered elective	Tier III           0715 AB           03230800           Grade level: 9 - 12           Credit(s): 0.5 - 1           College Hour(s): NA           Tier III

Instructional Material: No state-adopted instructional material(s)/Contact Content Director	Grade level: 11 - 12
Prerequisites: None	Credit(s): 0.5
What's Next? Any offered elective	College Hour(s): NA
032310## - 1st Time ##=00, 2nd time ##=11, 3rd Time ##=22	Tier III
INDEPENDENT STUDY IN JOURNALISM AB	0717 AB
Includes activities individually designed for high-achieving students who are interested in conducting research,	032310##
producing original work in print or in some other medium, extensively developing an advanced skill, or studying a	
specific area of interest. Independent Study in Journalism may be repeated with different content each time it is	
repeated for up to three state elective credits.	
Instructional Material: No state-adopted instructional material(s)/Contact Content Director	Grade level: 11 - 12
Prerequisites: Taken in sequence	Credit(s): 0.5-1
What's Next? Any offered elective	College Hour(s): NA
032310## - 1st Time ##=00, 2nd time ##=11, 3rd Time ##=22	Tier III
AP CAPSTONE PROGRAM – COURSE 1: AP SEMINAR	3065 AB
In AP Seminar, students investigate real-world issues from multiple perspectives, gathering and analyzing	N1130026
information from various sources in order to develop credible and valid evidence-based arguments. Students	
engage in cross-curricular conversations that explore the complexities of academic and real-world topics and issues	
by analyzing divergent perspectives.	
Students learn to synthesize information from multiple sources, develop their own perspectives in research-based	
written essays, and design and deliver oral and visual presentations, both individually and as a part of a team.	Grade level: 9 - 12
Instructional Material: St. Martin's Guide to Writing, Bedford, Freeman, & Worth, ISBN: 1319245072	Credit(s): 0.5 - 1
<u>Prerequisites:</u> None	College Hour(s): NA
<u>What's Next?</u> NA	Tier I
Teachers with an emergent bilingual student enrolled in the course must be English and ESL certified.	
AP CAPSTONE PROGRAM – COURSE 2: AP RESEARCH	3067 AB
In AP Research, students cultivate the skills and discipline necessary to conduct independent research in order to	N1100014
produce and defend a scholarly academic thesis. Students explore an academic topic, problem, or area of	
individual interest deeply. Through this exploration, they design, plan, and conduct a yearlong mentored, research-	
based investigation to address a research question. In this course, students further skills acquired in the AP	
Seminar course by understanding research methods, employing ethical research practices, and accessing, analyzing,	
and synthesizing information as they address a research question. The course culminates in an academic thesis	
paper of approximately 5000 words and a presentation, performance, or exhibition with an oral defense.	
paper of approximately 5000 words and a presentation, performance, or exhibition with an oral defense.	
Instructional Material: No state-adopted instructional material(s)/Contact Content Director	Grade level: 10 - 12
	Grade level: 10 - 12 Credit(s): 0.5 - 1
Instructional Material: No state-adopted instructional material(s)/Contact Content Director	

READING I AB / T SHELTERED READING I AB – NP SHELTERED READING I AB	3941 AB / 3941 T 3942 AB 3962 AB
Reading I offers students instruction to successfully navigate academic demands and attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provide students an opportunity to read with competence, confidence, and understanding. Students will learn how traditional and electronic texts are organized and how authors choose language for effect. These strategies will be applied in instructional-level and independent-level texts that cross the content areas. Note: LPAC will determine placement for Transition EL students are placed in this course or in Intensive Reading I. Maximum enrollment: 25 students.	03270700
Instructional Material: McGraw Hill Study Sync, Grade 9 TX Std, ISBN 9781265535973; ThinkCERCA Supplemental	Grade level:
Resource	Credit(s): 0.5-1
Prerequisites: Students who did not meet minimum standards on previous state reading assessment; students who score one to two levels below grade level on standardized reading screening assessment.	College Hour(s): NA
<u>What's Next?</u> Reading II AB	Tion III
Teachers with an emergent bilingual student enrolled in the course must be ELAR and ESL certified. <b>READING II AB / T</b>	Tier III 3943 AB / 3943 T
SHELTERED READING II AB – NP	3943 AB / 3943 T 3944 AB
SHELTERED READING II AB	3944 AB 3964 AB
Reading II offers students instruction to successfully navigate academic demands and attain life-long literacy skills.	03270800
Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provide students an	
opportunity to read with competence, confidence, and understanding. Students will learn how traditional and	
electronic texts are organized and how authors choose language for effect. These strategies will be applied in	
instructional-level and independent-level texts that cross the content areas. Note: LPAC will determine placement	
for Transition EL students are placed in this course or in Intensive Reading II. Maximum enrollment: 25 students.	
This course may be stacked with Reading I.	
Instructional Material: McGraw Hill Study Sync, Grade 9 TX Std, ISBN 9781265535973; ThinkCERCA Supplemental	Grade level:
Resource	Credit(s): 0.5-1
Prerequisites: Required for students who did not meet minimum standards on previous state reading assessment or	College Hour(s): NA
for students who score one to two levels below grade on standardized reading screening assessment.	
<u>What's Next?</u> English III	
Teachers with an emergent bilingual student enrolled in the course must be ELAR and ESL certified.	Tier III
COLLEGE READINESS AND STUDY SKILLS T	3955 T
High school students that require or request additional honing of the study skills, especially as the students prepare	03270100
for the demands of college, may enroll in the one semester course College Readiness and Study Skills. In this	
course, students acquire techniques for learning from texts, including studying word meanings, identifying and	Grade level: 9 – 12
relating key ideas, drawing and supporting inferences, and reviewing study strategies. In all cases, interpretations	Credit(s): 0.5
and understandings will be presented through varying forms, including through use of available technology.	College Hour(s): NA
Students accomplish many of the objectives through wide reading as well as use of content texts in preparation for post-secondary schooling.	Tier III
Instructional Material: No state-adopted instructional material/ contact content director	

Instructional Material: No state-adopted instructional material/ contact content director

<u>Prerequisites:</u> Students having a passing reading grade of 80% or better on the Grade 8 STAAR Reading subtest <u>What's Next?</u> English II AB; English III AB: English IV AB

Teachers with an emergent bilingual student enrolled in the course must be ELAR and ESL certified.

# Speech Graduation Requirements

# ALL STUDENTS ARE REQUIRED to take 1 semester of Speech

#### All Plans (22 & 26 credits) Require 0.5 Credit in Speech

#### Speech (1/2 Credit) may be selected from the following

- Professional Communications (CTE course in each cluster)
- Communication Applications
- Public Speaking
- Debate I
- Honors Debate I
- Independent Study in Speech
- DC Communication Applications

PROFESSIONAL COMMUNICATIONS T	AV09901 T
Professional Communications (CTE Course) blends written, oral, and graphic communication in a career-based	13009900
environment. Careers in the global economy require individuals to be creative and have a strong background in	
computer and technology applications, a strong and solid academic foundation, and a proficiency in professional	
oral and written communication. Within this context, students will be expected to develop and expand the ability to	
write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet	
research.	Grade level: 9 – 12
nstructional Material: Fundamentals of Business Communication, Goodheart-Willcox Publisher; ISBN: 9781605254722	Credit(s): 0.5
Prerequisites: None	College Hour(s): NA
Vhat's Next? NA	Tier III
Professional Communications can be taught by any teacher certified in speech or any teacher with a Career and	
Technical Education certification who holds a baccalaureate degree and has completed six semester credit hours in speed	ch.
Teachers with an emergent bilingual student enrolled in the course must be CTE or Speech and ESL certified.	
DUAL CREDIT PROFESSIONAL COMMUNICATION T	AVD09901 T
ICC Course: Business and Professional Communication (SPCH 1321)	13009900
FWU Course: Fundamentals of Speech (SPC 1301)	
tudy and application of communication within the business and professional context. Special emphasis will be given	Grade level: NA
o communication competencies in presentations, dyads, teams and technologically mediated formats.	ECHS: 9 - 12
nstructional Material: NA	Credit(s): 0.5
WISD & TCC Prerequisites: None	College Hour(s): 3 hour
<u>WU Prerequisites:</u> Only offered at Dunbar	Tier I
<u>Vhat's Next?</u> NA	
Course taught by an approved adjunct instructor.	
COMMUNICATION APPLICATIONS T	3126 T
Inderstanding and developing skills in communication are fundamental to all other learning and to all levels of	03241400
numan interaction. For successful participation in professional and social life, students must develop effective	
communication skills. Rapidly expanding technologies and changing social and corporate systems demand that	
tudents send clear verbal messages, choose effective nonverbal behaviors, listen for desired results, and apply valid	
critical-thinking and problem-solving processes. Students enrolled in Communication Applications will be expected	
o identify, analyze, develop, and evaluate communication skills needed for professional and social success in	
nterpersonal situations, group interactions, and personal and professional presentations. When possible, students	
should consider taking Professional Communications (CTE) in lieu of this course.	Grade level: 9 – 12
nstructional Material: 1103 – Communication Applications, McGraw-Hill School Division, ISBN: 0538429186	Credit(s): 0.5
	College Hour(s): NA
Prerequisites: None	
<u>Prerequisites:</u> None <u>What's Next?</u> Oral Interpretation I AB; Public Speaking I AB; Debate I AB; Any offered elective.	Tier III

DUAL CREDIT COMMUNICATION APPLICATIONS T	3129 T
TCC Course: Introduction to Speech Communication (SPCH 1311) Introduces basic human communication principles and theories embedded in a variety of contexts including	03241400
nterpersonal, small group, and public speaking.	Grade level: 11 - 12
nstructional Material: NA	ECHS: 9 - 12
WISD & TCC Prerequisites: None	Credit(s): 0.5
Vhaťs Next? NA	College Hour(s): 3 hours
Course taught by an approved adjunct instructor	Tier I
DRAL INTERPRETATION I, II, III AB	3713 AB
iterature and its presentation are integral to understanding the cultural aspects of a society. Students in Oral	03240200
nterpretation I, II, III will select, research, analyze, adapt, interpret, and perform literary texts as a communication art.	002.0200
itudents focus on intellectual, emotional, sensory, and aesthetic levels of texts to attempt to capture the entirety of	
he author's work. Individual or group performances of literature will be presented and evaluated.	Grade level: 9 - 12
nstructional Material: No state-adopted textbook/Contact ELA Director	Credit(s): 1-3
rerequisites: None	College Hour(s): NA
<u>Vhat's Next?</u> Public Speaking I AB; Debate I AB; Any offered elective	Tier III
	ner m
eachers with an emergent bilingual student enrolled in the course must be Speech and ESL certified. PUBLIC SPEAKING I AB	3715 AB
	03240900
n order to have full participation in the civic process, students must have a good understanding of public dialogue.	03240900
tudents must learn the concepts and skills related to preparing and presenting public messages and to analyzing	
nd evaluating the messages of others. Within this process, students will gain skills in reading, writing, speaking,	
stening, and thinking and will examine areas such as invention, organization, style, memory, and delivery.	Grade level: 9 – 12
nstructional Material: 1136 – Public Speaking Today! McGraw-Hill School Division, ISBN: 0844203696	Credit(s): 0.5 - 1
r <u>erequisites:</u> None	College Hour(s): NA
Vhat's Next? Oral Interpretation I AB; Debate I AB; Any offered elective	Tier III
eachers with an emergent bilingual student enrolled in the course must be Speech and ESL certified.	
DEBATE I AB	3717 AB
controversial issues arise in aspects of personal, social public, and professional life in modern society. Debate and	03240600
rgumentation are widely used to make decisions and reduce conflict. Students who develop skills in argumentation	
nd debate become interested in current issues, develop sound critical thinking, and sharpen communication skills.	
hey acquire life-long skills for intelligently approaching controversial issues.	
nstructional Material: 1129 – Lincoln Douglas Debate: Values in Conflict, Perfection Learning Corporation, ISBN:	Grade level: 9 – 12
931054613	Credit(s): 1
Prerequisites: None	College Hour(s): NA
Vhat's Next? Oral Interpretation I AB; Public Speaking I AB; Debate II AB	Tier III
eachers with an emergent bilingual student enrolled in the course must be Speech and ESL certified.	
IONORS DEBATE I ABH	3718 ABH
his program begins with the study of forensic debate. Students will develop skills in research including in-depth	03240600
eading and formulation of ideas both written and oral. Students will construct arguments that demonstrate an	
inderstanding of multiple and varied topics. A key element to this course is the organization of research materials.	
he course will provide practice and theory emphasizing use of refutation, debate strategy, and evaluation as applied	
o forensic debate. Students will understand how to use refutation, debate strategies and evaluation methods as	
pplied in forensic debate with focus on UIL practice competition.	
nstructional Material: 1129 – Lincoln Douglas Debate: Values in Conflict, Perfection Learning Corporation, ISBN:	Grade level: 9 – 12
1931054613	Credit(s): 1
rerequisites: None	College Hour(s): NA
Vhat's Next? Oral Interpretation I AB; Public Speaking I AB; Debate II AB	Tier II
eachers with an emergent bilingual student enrolled in the course must be Speech and ESL certified.	
EBATE II AB	3719 AB
ontroversial issues arise in aspects of personal, social public, and professional life in modern society. Debate and	03240700
	03240700
rgumentation are widely used to make decisions and reduce conflict. Students who develop skills in argumentation	
nd debate become interested in current issues, develop sound critical thinking, and sharpen communication skills.	
'hav acquire life lang chills for intelligently and a shire a state second life in the second state of the	
	C I I I 10 10
They acquire life-long skills for intelligently approaching controversial issues. <u>Instructional Material:</u> 1129 – Lincoln Douglas Debate: Values in Conflict, Perfection Learning Corporation, ISBN: <u>Instructional Material:</u> 1129 – Lincoln Douglas Debate: Values in Conflict, Perfection Learning Corporation, ISBN:	Grade level: 10 – 12
	Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA

Prerequisites: Debate I	Tier III
<u>What's Next?</u> Debate III AB; Any offered elective	ner m
Teachers with an emergent bilingual student enrolled in the course must be Speech and ESL certified. HONORS DEBATE II ABH	3720 ABH
This program provides students with opportunities to further the study done in Debate I. Students will develop skills	03240700
in argumentation and debate with the associated skills of research, writing, and developing presentations. The	05240700
course will allow for student involvement in Lincoln-Douglas Debate, Cross-Examination Debate, and	
Extemporaneous Speaking. Elective credit only.	
Instructional Material: 1129 – Lincoln Douglas Debate: Values in Conflict, Perfection Learning Corporation, ISBN:	Grade level: 10 – 12
0931054613	Credit(s): 1
Prerequisites: Debate I	College Hour(s): NA
<u>What's Next?</u> Debate III AB; Any offered elective	Tier II
Teachers with an emergent bilingual student enrolled in the course must be Speech and ESL certified.	
DEBATE III AB	3721 AB
Controversial issues arise in aspects of personal, social public, and professional life in modern society. Debate and	03240800
argumentation are widely used to make decisions and reduce conflict. Students who develop skills in argumentation	
and debate become interested in current issues, develop sound critical thinking, and sharpen communication skills.	
They acquire life-long skills for intelligently approaching controversial issues.	
Instructional Material: 1129 – Lincoln Douglas Debate: Values in Conflict, Perfection Learning Corporation, ISBN:	Grade level: 10 – 12
0931054613	Credit(s): 1
Prerequisites: Debate II	College Hour(s): NA
What's Next? Any offered elective	Tier III
Teachers with an emergent bilingual student enrolled in the course must be Speech and ESL certified.	
HONORS DEBATE III ABH	3722 ABH
This program provides students with opportunities to further the study done in Debate II. Students will develop skills	03240800
in argumentation and debate with the associated skills of research, writing, and developing presentations. The	
course will allow for student involvement in Lincoln-Douglas Debate, Cross-Examination Debate, and	
Extemporaneous Speaking. Elective credit only.	
Instructional Material: 1129 – Lincoln Douglas Debate: Values in Conflict, Perfection Learning Corporation, ISBN:	Grade level: 10 – 12
0931054613	Credit(s): 1
Prerequisites: Debate II	College Hour(s): NA
What's Next? Any offered elective	Tier II
Teachers with an emergent bilingual student enrolled in the course must be Speech and ESL certified.	
DUAL CREDIT INDEPENDENT STUDY IN SPEECH T	3130 T
TCC Course: Public Speaking (SPCH 1315)	
Application of communication theory and practice to the public speaking context, with emphasis on audience	03241200
analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to	Grade level: NA
develop students speaking abilities, as well as ability to effectively evaluate oral presentations.	ECHS: 9 - 12
Instructional Material: NA	Credit(s): 0.5
FWISD & TCC Prerequisites: None	College Hour(s): 3 Hours
<u>What's Next?</u> NA	Tier I
Course taught by an approved adjunct instructor	

Course taught by an approved adjunct instructor

#### **Overview Information: High School**

#### Introduction

The courses described in this section of the Course Catalog are those which Fort Worth ISD offers to address the needs of emergent bilingual (EB)\* students at various levels of English proficiency and academic need. The courses comply with state law requirements included in...

- 19 TAC Chapter 89: Bilingual/ESL program requirements and
- TAC Chapter 74.4: Curriculum Requirements, English Language Proficiency Standards

The Language Proficiency Assessment Committee (LPAC) at each campus is responsible for ensuring that all EBs are placed in appropriate programs and for monitoring student performance throughout the year.

# Key Information about FWISD Program Designs

Fort Worth ISD offers two broad types of programs for secondary EBs:

• <u>Newcomer Program</u> (includes INA, Success Day School, and Language Centers at Arlington Heights, Diamond Hill Jarvis, Polytechnic, O.D. Wyatt, Southwest, Western Hills, Eastern Hills, Paschal, Northside, South Hills, and Carter Riverside High Schools)

This program (sometimes referred to as the Language Center Program) is for recent-immigrant students within their first two (2) years in U.S. schools. The program provides specialized ESL/ESOL and reading courses, other English "support" courses, and sheltered core content-area courses in which extensive scaffolding and linguistic accommodations, as well as special materials, are used. Most students are at the beginning or intermediate levels of English proficiency. *Students identified as "Newcomers" shall be scheduled into an RLA double-block for ESOL I along with ELDA (first time taken). ESOL I may be substituted for English I, however it is imperative to recognize the critical processes and features of second language acquisition and to provide appropriate instruction to enable students to meet these standards.* Newcomer students may be scheduled in core courses identified as "sheltered" for Science, Math, and Social Studies. Sheltered courses may be "stacked" but should not exceed 28 students. The English Language Development & Acquisition (ELDA) course is only offered at designated campuses. All secondary campuses serving EBs shall offer sheltered courses or general core courses with built-in scaffolds and strategies to meet the language needs of EBs.

These programs are for EB students who are not identified as Newcomers and have been in U.S. schools for 3+ years. Due to their time spent in U.S. schools, these students have reached a high enough level of language proficiency and academic achievement to be in mainstream classrooms with scaffolded supports to continue meeting their unique needs for language acquisition. EBs receiving ESL services may be scheduled in Sheltered courses that may comprise of Sheltered English and reading courses, as well as sheltered core content-area courses in which some degree of scaffolding and linguistic accommodations are provided. Most students demonstrate high intermediate to advanced levels of English proficiency. Students are to be cluster- scheduled into regular "stacked" content-area classes and identified according to the course numbers shown in this section of the course catalog. Sheltered courses are offered in some form on all campuses.

<u>High School:</u> At high school, the program is referred to as Transition English, and the ELA courses are called Sheltered English and Sheltered Reading; teachers teaching the courses <u>must</u> be ESL Certified.

\*EB = Emergent bilingual is a term used here to refer to students:

- who come from homes where languages other than English are used **and**
- who are assessed through state tests to be less than proficient in listening, speaking, reading <u>or</u> writing English.

<sup>†</sup>**Cluster-scheduled** = scheduling students in groups (not to exceed 50% of a class) into regular "stacked" classes, keeping the number of teachers assigned to the lowest number needed to provide quality programs. These instructional settings should not result in having clusters of EB students and clusters of special education students in the same classroom.

<sup>• &</sup>lt;u>ESL</u>

## **Core Course Overview Chart**

The following chart (1) shows the special ESOL, reading, and sheltered core courses that are offered for high school EBs and (2) provides essential information about instructional settings, teacher certification, and teacher training requirements. (Important definitions are also included at the bottom of the chart.)

<u> </u>	omer Pr	ogram Students	Transition English Students		
Course	#	Setting	Course	#	Setting
ELA Courses		8	<b>ELA Courses</b>		<u> </u>
EngSOL I	0541	Homogeneous within	Sheltered English I	0546	Students to be scheduled
EngSOL II	0543	or across grades	Sheltered English II	0548	in <u>clusters</u> with general
Liigool ii	0010	or in <u>clusters</u> with transition	Sheltered English III	0549	education students
		and/or regular program students	Shehered English III	0517	1
ELDA Courses			Reading Courses		
	0570	TT '4'		20(2	Students to be scheduled
ELDA1 (first time)	0570	Homogeneous within	Sheltered Rd I	3962	in <u>clusters</u> with general
ELDA2 (second time)	0571	or across grades	Sheltered Rd II	3964	education students
		and only for students identified			
		as Newcomer; must be paired with ESOL or Sheltered			
Math Courses		English.	Math Courses		
Sheltered Alg. I - NP	7043		Sheltered Algebra I	7048	Students to be scheduled
		Students to be scheduled	5	7048	in <u>clusters</u> with general
Sheltered Geo NP	7069	in <u>clusters</u> with transition	Sheltered Geometry		education students
Sheltered Alg. II - NP	7068	and/or regular program	Sheltered Algebra II	7060	succession students
		students (or to be			1
		homogeneously			4
		scheduled with other NP			
		students if in the best			
		interest of the students			
		and numbers warrant)			
Science Courses			Science Courses		
Sheltered IPC - NP	7526	Students to be scheduled	Sheltered IPC	7528	Students to be scheduled
Sheltered Bio NP	7573	in <u>clusters</u> with	Sheltered Biology	7575	in clusters with general
Sheltered Chem NP	7596	transition and/or regular	Sheltered Chemistry	7598	education students
		program students (or to			1
		be homogeneously scheduled			
		with other NP students if in			]
		the best interest of the			1
		students and numbers			
		warrant)			
<b>Social Studies Cours</b>	es		Social Studies Cours	ses	
Sheltered W. Geo NP	8008	Students to be scheduled	Sheltered W. Geo.	8010	Students to be scheduled
Sheltered W. Hist NP	8027	in <u>clusters</u> with	Sheltered W. History	8029	in clusters with regular
Sheltered US Hist NP	8050	transition and/or regular	Sheltered US History	8027	program students
51616164 05 11151 141	0050	program students (or to	Shortoroa OS History	0052	1
		be homogeneously scheduled			1
		with other NP students if in			1
		the best interest of the			1
		students and numbers			
		warrant)			
Note:		,	Note:	1	I
11016.				must be co	ontent certified with ESL.
All FLAR Newcon	ner nrod	aram teacher(s) must he			
content and ES	L certifi	gram teacher(s) must be ed	<ul> <li>Math, Science, and</li> </ul>	l Social St	udies teacher(s) must
			have annual EB ins	struction t	training as determined
			by the District.		-
				• :	
"Cluster-scheduled" = $s_{ij}$	chedulin	g students in groups (not to exceed	50% of a class) into regu	lar "stack	ed" classes, keeping
		er of teachers assigned to the lowes			
		nal settings should not result in hav students in the same classroom.	ing clusters of EB studen	is and clu	sters of special

## HIGH SCHOOL COURSES FOR EB STUDENTS

### **Elective Course Overview Chart**

The following chart shows ELA elective courses that are to be used in tandem with required ELA courses to address the language needs of EBs and support them toward graduation.

Newcomer Program Students			Transition English Students		
Course	Course #	Comments	Course	Course #	Comments
Communication Applications (for EB students)	3127T	Recommended for Grade 10	Communication Applications	3126T	LPACs should consider the language needs of the students and select this or other ELA
Practical Writing Skills (for EB students)	3140	Recommended for INA Spring enrollment and/or Summer (after Grade 9)			elective courses when scheduling EBs identified as Transition English level into language support classes. (A few
Humanities NP (for EB students)	8054	Recommended for Summer (after Grade 10)			Transition English level EBs may benefit from participation in the courses offered for NP students.)
American Cultures T	8038T	Recommended for INA Spring enrollment and/or Summer (after Grade 9)			
Public Speaking 1	3715AB	Recommended for Grade 9			

# Local Credit Course Overview Chart

The following chart shows local credit ELA and mathematics courses that are taken <u>only</u> by students at INA or Success Day Program who are identified by the campus LPAC as meeting emerging reader student criteria and are in their first two semesters of enrollment at INA or Success Day Program.

Course		
ELA Courses		
Introductory English for Speakers of Other Languages Introductory ESL Reading	0542 3141	
<u>Mathematics Course</u> Introductory Mathematics	7415	

#### **Explanation: Recommended Course Sequence Charts for Newcomer Program Students**

Immigrant students who are new to this country and who speak little/no English arrive at various points during the school year. These students may have varying levels of educational background, and, if they are high-school-age students, are often older for grade 9 placement. However, they may still have to be placed in grade 9 because they were not able to bring educational records with them, often due to disruptions in their home countries. Consequently, it is necessary to have specific, and different, course sequence arrangements for the students (according to their dates of entry into the U.S., their educational backgrounds, and their ages) so that campuses can provide the sequence of courses that best allows for language development and provides reasonable opportunity for graduation within four to five years (including summer).

\*Contact Bilingual/ESL Department for course sequences for over-age and unschooled students.

# **Emergent Bilingual Students (EBs)**

INTRODUCTORY ENGLISH FOR SPEAKERS OF OTHER LANGUAGES AB	0542 AB
This course is designated specifically for students enrolled at International Newcomer Academy (INA) or	84000032
Success Day program who are identified as an emerging reader and/or identified as a SLIFE student in	
need of intensive instruction in basic literacy and in formal learning experiences to participate	
successfully in the sheltered EngSOL I course provided at INA/Success. Offered in combination with a	
second course (Introductory ESL/Reading), this course will focus on developing oral English skills, basic	Grade level: 9
English literacy, general cognitive skills, and social/academic learning behaviors needed for success in	Credit(s): 1 (Local credit only)
J.S. school settings. This course will particularly emphasize the development of English writing skills in	College Hour(s): NA
context with science, social studies, and ELA content.	Tier III
Instructional Material: No state adopted textbook/ Contact ESL Coordinator	
Prerequisites: EB and immigrant status, first year of enrollment in FWISD; enrolled in International	
Newcomer Academy or Success Day program; identified as emerging reader and/or identified as a SLIFE	
student.	
<u>What's Next?</u> 0541 AB English I for Speakers of Other Languages/NP I AB	
No credit toward graduation is earned for this course.	
Teachers teaching this course must be ELAR and ESL certified.	
ENGLISH I FOR SPEAKERS OF OTHER LANGUAGES AB	0541 AB (req EOC test)
	05415 AB (spec ed service
This course is designed specifically for immigrant students who are beginning- or low-intermediate-level	03200600 (req EOC test)
earners of English and who need intensive, focused instruction in English. (It is paired with ELDA I). The	03200605 (spec ed services)
course is based on the ELAR TEKS included with the English I course and stresses development of English	
language proficiency and language learning skills, as well as introduction to American school	
expectations and American culture. Both reading and writing are integral parts of the course, with stress	
placed on writing skills and processes.	
Instructional Material: McGraw Hill Study Sync, Grade 9 TX Std, ISBN 978126553593	Grade level: 9
Prerequisites: EB and immigrant status; enrollment in International Newcomer Academy, Success Day	Credit(s): 1
Program or Language Center	College Hour(s): NA
What's Next? Subsequent placement in EngSOL or Sheltered English courses depends upon performance	Tier III
of student on ELA EOC, TELPAS and on review and recommendation by LPAC.	
Teachers teaching this course must be ELAR & ESL certified.	
Students will take English I EOC.	
ENGLISH II FOR SPEAKERS OF OTHER LANGUAGES AB	0543 AB (req EOC test)
	05435 AB (spec ed service
This course is designed specifically for immigrant students who are high intermediate-level learners of	03200700 (req EOC test)
English. (It is one of four language-based courses offered in the Newcomer students in grade 10, with	03200705 (spec ed services)
Communication Applications, Practical Writing, and Sheltered Reading NP II being the other three). The	· · · · ·
course is based upon the ELAR TEKS included with English II and stresses continued development of	Grade level: 10
English language proficiency and language learning skills, especially in academic areas, interaction with a	Credit(s): 1
vide variety of written texts, and continued emphasis on student writing, especially in expository and	College Hour(s): NA
persuasive modes.	Tier III
nstructional Material: McGraw Hill Study Sync, Grade 10 TX Std, ISBN 9781950533299	
Prerequisites: EB and immigrant status, enrollment in Success Day program or Language Center;	
completion of EngSOL 1 AB (NP) or equivalent credit upon entry from other country/district.	
What's Next? Subsequent placement in Sheltered English or English courses depends upon performance.	

What's Next? Subsequent placement in Sheltered English or English courses depends upon performance

of student on ELA EOC and on review and recommendation by LPAC.

Teachers teaching this course must be ELAR and ESL certified.

Students will take English II EOC.

	0570 AB
The English Language Development and Acquisition (ELDA) course aligned with the TEKS in 19 TAC 128. is designed for newcomer beginning level English learners. The course should be taken concurrent with	03200800
ESOL I classes for 9 <sup>th</sup> graders as the course addresses the breadth of the English I TEKS that are not	Grade level: 9-12
covered in the ESOL I TEKS. The course caters to the language proficiency needs of high school students. It	Credit(s): 1
focuses on developing foundational language skills, comprehension, response skills, genre understanding,	College Hour(s): NA
author's purpose, composition, and inquiry skills.	-
Instructional Material: District created curriculum	Tier III
<u>Prerequisites</u> : Newcomer status, enrollment in International Newcomer Academy, Success Day program, or Language Center.	
Language Center. <u>What's Next</u> ? Subsequent placement in ELDA 2 course pending student progress and performance on ELA	
EOC, TELPAS, and on review and recommendation by LPAC.	
ENGLISH LANGUAGE DEVELOPMENT AND ACQUISTION (ELDA 2) AB	0571 AB
The English Language Development and Acquisition (ELDA) course aligned with the TEKS in 19 TAC 128. is	03200810
designed for newcomer beginning level English learners. The course should be taken concurrent with	00200010
ESOL II for 10 <sup>th</sup> graders as the course addresses the breadth of the English II TEKS that are not covered in	Grade level: 9-12
the ESOL II TEKS. The course caters to the language proficiency needs of high school students. It focuses	Credit(s): 1
on developing foundational language skills, comprehension, response skills, genre understanding, author's	College Hour(s): NA
purpose, composition, and inquiry skills.	
Instructional Material: District created curriculum	Tier III
<u>Prerequisites</u> : Newcomer status, enrollment in International Newcomer Academy, Success Day program, or Language Center.	
SHELTERED ENGLISH III AB	0544 AB
ENGLISH III AB	30155 AB
This course is designed for immigrant students who are advanced/advanced-high-level learners of English.	03220300
It is offered for EB students in grade 11. The course is based on the ELAR TEKS included with the English III	03220305
course and stresses academic English language development, refinement of language learning strategies,	03220303
interaction with a wide variety of written texts, and continued emphasis on student writing, especially in	
analytical and persuasive modes. Emergent bilinguals (EBs) receive comprehensible grade-level content	Grade level: 11
instruction taught using interactive instructional strategies with careful and consistent use of scaffolding	Credit(s): 1
and language support.	College Hour(s): NA
	Tier III
<u>Instructional Material:</u> <i>McGraw Hill Study Sync, Grade 11 TX Std, ISBN 9780079071514</i> <u>Prerequisites:</u> EB and immigrant status, enrollment at Success or Language Center High Schools;	lier III
completion of EngSOL II AB or equivalent credit upon entry from other country/district.	
What's Next? NA	
Teachers teaching this class must be ELAR and ESL certified.	
INTRODUCTORY ESL READING AB	3141 AB
	84000033
This course is designed specifically for students enrolled at International Newcomer Academy (INA) or Success Day program who are identified as emerging reader and/or identified as a SLIFE student in need	04000055
of intensive instruction in basic literacy and in formal learning experiences in order to participate	
successfully in the Reading 1A course provided at INA. Offered in combination with a second course	
successions in the reading the course provided at the. Othered in combination with a second course	Grade level: 9
(Introductory English for Speakers of Other Languages) this source will focus on developing and English	
(Introductory English for Speakers of Other Languages), this course will focus on developing oral English	
skills, basic English literacy, general cognitive skills, and social/academic learning behaviors needed for	
skills, basic English literacy, general cognitive skills, and social/academic learning behaviors needed for success in U.S. school settings. This course will particularly emphasize the development of English reading	College Hour(s): NA
skills, basic English literacy, general cognitive skills, and social/academic learning behaviors needed for success in U.S. school settings. This course will particularly emphasize the development of English reading skills in context with science, social studies, and ELA content.	
skills, basic English literacy, general cognitive skills, and social/academic learning behaviors needed for success in U.S. school settings. This course will particularly emphasize the development of English reading skills in context with science, social studies, and ELA content. Instructional Material: Various Resources/No state-adopted textbook/Contact ESL Coordinator	College Hour(s): NA
skills, basic English literacy, general cognitive skills, and social/academic learning behaviors needed for success in U.S. school settings. This course will particularly emphasize the development of English reading skills in context with science, social studies, and ELA content. <u>Instructional Material:</u> Various Resources/No state-adopted textbook/Contact ESL Coordinator <u>Prerequisites:</u> EB and immigrant status; first year of enrollment in FWISD; enrolled at International	College Hour(s): NA
skills, basic English literacy, general cognitive skills, and social/academic learning behaviors needed for success in U.S. school settings. This course will particularly emphasize the development of English reading skills in context with science, social studies, and ELA content. <u>Instructional Material: Various Resources/No state-adopted textbook/Contact ESL Coordinator</u> <u>Prerequisites:</u> EB and immigrant status; first year of enrollment in FWISD; enrolled at International Newcomer Academy or Success Day program; identified as emerging reader and/or identified as a SLIFE	College Hour(s): NA
skills, basic English literacy, general cognitive skills, and social/academic learning behaviors needed for success in U.S. school settings. This course will particularly emphasize the development of English reading skills in context with science, social studies, and ELA content. <u>Instructional Material:</u> Various Resources/No state-adopted textbook/Contact ESL Coordinator <u>Prerequisites:</u> EB and immigrant status; first year of enrollment in FWISD; enrolled at International Newcomer Academy or Success Day program; identified as emerging reader and/or identified as a SLIFE student.	College Hour(s): NA
skills, basic English literacy, general cognitive skills, and social/academic learning behaviors needed for success in U.S. school settings. This course will particularly emphasize the development of English reading skills in context with science, social studies, and ELA content. <u>Instructional Material:</u> Various Resources/No state-adopted textbook/Contact ESL Coordinator <u>Prerequisites:</u> EB and immigrant status; first year of enrollment in FWISD; enrolled at International Newcomer Academy or Success Day program; identified as emerging reader and/or identified as a SLIFE student. <u>What's Next?</u> 3942 AB - SHELTERED READING NP I AB	College Hour(s): NA
skills, basic English literacy, general cognitive skills, and social/academic learning behaviors needed for success in U.S. school settings. This course will particularly emphasize the development of English reading skills in context with science, social studies, and ELA content. <u>Instructional Material:</u> Various Resources/No state-adopted textbook/Contact ESL Coordinator <u>Prerequisites:</u> EB and immigrant status; first year of enrollment in FWISD; enrolled at International Newcomer Academy or Success Day program; identified as emerging reader and/or identified as a SLIFE student. <u>What's Next?</u> 3942 AB - SHELTERED READING NP I AB No credit toward graduation is earned for this course.	-
skills, basic English literacy, general cognitive skills, and social/academic learning behaviors needed for success in U.S. school settings. This course will particularly emphasize the development of English reading skills in context with science, social studies, and ELA content. <u>Instructional Material:</u> <i>Various Resources/No state-adopted textbook/Contact ESL Coordinator</i> <u>Prerequisites:</u> EB and immigrant status; first year of enrollment in FWISD; enrolled at International Newcomer Academy or Success Day program; identified as emerging reader and/or identified as a SLIFE student. <u>What's Next?</u> 3942 AB - SHELTERED READING NP I AB No credit toward graduation is earned for this course. Teachers teaching this course must be ELAR and ESL certified.	College Hour(s): NA Tier III
skills, basic English literacy, general cognitive skills, and social/academic learning behaviors needed for success in U.S. school settings. This course will particularly emphasize the development of English reading skills in context with science, social studies, and ELA content. <u>Instructional Material:</u> <i>Various Resources/No state-adopted textbook/Contact ESL Coordinator</i> <u>Prerequisites:</u> EB and immigrant status; first year of enrollment in FWISD; enrolled at International Newcomer Academy or Success Day program; identified as emerging reader and/or identified as a SLIFE student. <u>What's Next?</u> 3942 AB - SHELTERED READING NP I AB No credit toward graduation is earned for this course. Teachers teaching this course must be ELAR and ESL certified. <b>SHELTERED READING NP I AB</b>	College Hour(s): NA Tier III 3942 AB
skills, basic English literacy, general cognitive skills, and social/academic learning behaviors needed for success in U.S. school settings. This course will particularly emphasize the development of English reading skills in context with science, social studies, and ELA content. <u>Instructional Material:</u> <i>Various Resources/No state-adopted textbook/Contact ESL Coordinator</i> <u>Prerequisites:</u> EB and immigrant status; first year of enrollment in FWISD; enrolled at International Newcomer Academy or Success Day program; identified as emerging reader and/or identified as a SLIFE student. <u>What's Next?</u> 3942 AB - SHELTERED READING NP I AB No credit toward graduation is earned for this course. Teachers teaching this course must be ELAR and ESL certified.	College Hour(s): NA Tier III

Instructional Material: Textbooks provided by Literacy Director and/or ESL Coordinator, including Edge Level A, Achieve 3000 and other material as appropriate for students' levels of language proficiency. Prerequisites: EB and immigrant status; enrollment in International Newcomer Academy, Success Day Program or Language Centers	Grade level: 9 Credit(s): 1 College Hour(s): NA <b>Tier III</b>
<u>What's Next?</u> Subsequent placement in Sheltered Reading NP II AB depends upon performance of student on ELAR EOC and on review and recommendation by LPAC.	
Teachers teaching this course must be Reading and ESL certified. SHELTERED READING NP II AB	3944 AB
This course is based on ELAR TEKS with instruction scaffolded for EB students and continues to provide	03270800
reading instruction that stresses literacy development across content areas. The course focuses on helping EB students extend their academic English language skills and use of learning strategies, analyze and	05270000
evaluate various types of text, and acquire the ELAR reading TEKS.	Grade level: 10
Instructional Material: Textbooks provided by Literacy Director and/or ESL Coordinator, including Edge Level	Credit(s): 1
B, Achieve 3000 and other material as appropriate for students' levels of language proficiency.	College Hour(s): NA
Prerequisites: EB and immigrant status; enrollment in Success Day Program or Language Centers; completion of Sheltered Reading NP I	Tier III
What's Next? Subsequent placement in Sheltered Reading NP III AB depends upon performance of	
student on ELA EOC and on review and recommendation by LPAC. Teachers teaching this course must be Reading and ESL certified.	
HUMANITIES NP I AB	8054 AB
This is an interdisciplinary course integrating the content of U.S. history from colonization through Reconstruction with literature and art from that era. As part of the course, students who are newly arrived to the U.S. and who did not receive instruction in early U.S history in middle or elementary school, learn	03221600
important concepts about that period of time and read and analyze related literature and art to increase	Grade level: 10
understanding of important facts and develop appreciation of how writing and art reflect cultural views	Credit(s): 1
and attitudes. Students participate in discussions and oral presentations and read and write various types	College Hour(s): NA
of text. The course is based on Humanities TEKS.	Tier III
Instructional Material: No state adopted textbook/ contact content Director	
<u>Prerequisites:</u> EB and immigrant status; completion either of one year of INA or Success Day program or one year as in Language Centers	
What's Next? Subsequent placement in Sheltered U.S. History or U.S. History courses depends upon	
performance of student on ELA EOC and on review and recommendation by LPAC.	
Teachers teaching this course must be English and ESL certified. (State elective credit)	
INTRODUCTORY MATHEMATICS NP	7415 AB
This course provides instruction for students who need additional study in computational skills before	NONE
entering Algebra. This course includes operations with whole numbers, decimals, percent, and consumer	
applications. Units on measurement, statistical graphs, and geometry will be taught.	Grade level: 9-12
Instructional Material: Determined by INA/Success staff with support from Mathematics Director and ESL	Credit(s): 1 local credit only
Coordinator	College Hour(s): NA
<u>Prerequisites:</u> EB and immigrant status; first year of enrollment in FWISD; enrolled at International Newcomer Academy or Success Day program; identified as emerging reader and/or identified as a SLIFE student.	Tier III
What's Next? NA	
Teachers with an emergent bilingual enrolled in the course must be content and ESL certified.	2712 AP
Teachers with an emergent bilingual enrolled in the course must be content and ESL certified. PUBLIC SPEAKING I AB	3712 AB
Teachers with an emergent bilingual enrolled in the course must be content and ESL certified. <b>PUBLIC SPEAKING I AB</b> This course stresses basic oral communication processes/situational language, interpersonal communication strategies, skills in making formal/academic presentations, and strategies in analyzing	<b>3712 AB</b> 03240900
Teachers with an emergent bilingual enrolled in the course must be content and ESL certified. <b>PUBLIC SPEAKING I AB</b> This course stresses basic oral communication processes/situational language, interpersonal communication strategies, skills in making formal/academic presentations, and strategies in analyzing and evaluating spoken language. The course is based on the TEKS.	
Teachers with an emergent bilingual enrolled in the course must be content and ESL certified.  PUBLIC SPEAKING I AB  This course stresses basic oral communication processes/situational language, interpersonal communication strategies, skills in making formal/academic presentations, and strategies in analyzing and evaluating spoken language. The course is based on the TEKS. Instructional Material: No state adopted textbook/contact ESL Coordinator Prerequisites: EB and immigrant status; enrollment in International Newcomer Academy, Success Day	03240900 Grade level: 9 Credit(s): 0.5-1.0
Teachers with an emergent bilingual enrolled in the course must be content and ESL certified.  PUBLIC SPEAKING I AB  This course stresses basic oral communication processes/situational language, interpersonal communication strategies, skills in making formal/academic presentations, and strategies in analyzing and evaluating spoken language. The course is based on the TEKS. <u>nstructional Material:</u> No state adopted textbook/contact ESL Coordinator Prerequisites: EB and immigrant status; enrollment in International Newcomer Academy, Success Day program or Language Center Grade 9	03240900 Grade level: 9 Credit(s): 0.5-1.0 College Hour(s): NA
No credit is earned toward graduation for this course Teachers with an emergent bilingual enrolled in the course must be content and ESL certified. <b>PUBLIC SPEAKING I AB</b> This course stresses basic oral communication processes/situational language, interpersonal communication strategies, skills in making formal/academic presentations, and strategies in analyzing and evaluating spoken language. The course is based on the TEKS. Instructional Material: No state adopted textbook/contact ESL Coordinator Prerequisites: EB and immigrant status; enrollment in International Newcomer Academy, Success Day program or Language Center Grade 9 What's Next? Subsequent placement in Communication Applications T (for ESL Students) or Professional Communications for students seeking a CTE pathway depends upon performance of student on ELA EOC and on review and recommendation by LPAC.	03240900 Grade level: 9 Credit(s): 0.5-1.0

COMMUNICATION APPLICATIONS T	3127 T
This course extends oral interaction skills and stresses communication in professional/social contexts,	03241400
including levels and appropriateness of language, etiquette and protocol in specific situations, group roles,	
leadership, and preparation/analysis/evaluation of formal presentations. The course is based on the TEKS.	
Instructional Material: 1102 - Communication Works! McGraw-Hill School Division, ISBN: 0658002996	Grade level: 10-11
Prerequisites: EB and immigrant status; enrollment in Success Day program or Language Centers	Credit(s): 0.5
What's Next? Subsequent placement in Practical Writing Skills IAB (for ESL students) depends on	College Hour(s): NA
performance of student on ELA EOC and on review and recommendation by LPAC.	Tier III
Teachers teaching this course must be Speech and ESL certified.	
Meets state requirement for Speech for ESL students.	
PRACTICAL WRITING SKILLS AB	3140 AB
This course stresses writing needed in work and daily life situations, editing strategies for improving	03221300
content and conventions, overall writing processes, and strategies for evaluating effectiveness of their own	
and others' writing. This course is based on the TEKS.	
Instructional Material: No state adopted textbook/Contact ESL Coordinator	Grade level: 10-11
Prerequisites: EB and immigrant status; enrollment in Success Day program or Language Centers	Credit(s): 1
What's Next? Subsequent placement depends upon performance of student on ELA EOC and on review	College Hour(s): NA
and recommendation by LPAC.	Tier III
Teachers teaching this course must be ELAR and ESL certified.	
AMERICAN CULTURES STUDY	8038 T
This course provides an opportunity for an in-depth examination of various cultural or ethnic	03380002
groups in the United States. The course is designed to develop English language skills,	
appreciation and respect for cultural diversity and the contributions made by various groups	Grade level: 9-10
to the American landscape while incorporating the skills and content understanding needed	Credit(s): 0.5
by students to be successful on the US History EOC. This course is based on the TEKS.	College Hour(s): NA
Instructional Material: No state adopted textbook/ contact ESL Coordinator	Tier III
Prerequisites: World History Studies I or World Geography Studies I; teacher recommendation;	
parental approval; student interest	
<u>What's Next?</u> Subsequent placement in Sheltered World History AB (for EB students)	
Teachers teaching this course must be secondary Social Studies certified.	
Note: Special topics in Social Studies may be repeated with different topics for up to two (2)	
state elective credits.	

PEIMS NUMBERS	COURSE TITLE	SHORT TITLE	CREDIT
03380002	Special Topics in Social Studies (1st time taken)	(SPTSS)	0.5
03380022	Special Topics in Social Studies (2nd time taken)	(SPTSS2)	0.5
03380032	Special Topics in Social Studies (3rd time taken)	(SPTSS3)	0.5
03380042	Special Topics in Social Studies (4th time taken)	(SPTSS4)	0.5

# MATHEMATICS

# **MATHEMATICS GRADUATION REQUIREMENTS**

# ALL STUDENTS ARE REQUIRED to take Algebra I (EOC) & Geometry

# FOUNDATION PLANS

oundation Plan:	Foundation Plan w/ Endo	orsements: Distinguished Level of Achievemen
<ul> <li>22 credits</li> <li>Requires only 3 math credits</li> </ul>	<ul> <li>26 credits</li> <li>Requires 4 math crec</li> </ul>	<ul> <li>26 credits</li> <li>dits</li> <li>Requires 4 math credits</li> <li>Requires Algebra II</li> </ul>
The 3 <sup>rd</sup> Math crea		<b>The 4<sup>th</sup> Math credit</b> may be selected from one full credit or a combination of two half credits from two different courses, subject to prerequisite requirements.
The 3 <sup>rd</sup> Math cre	edit options:	The 4 <sup>th</sup> Math credit options:
• Algebra II		Algebra II     DC College Algebra
• Math Models w/	Applications	<ul> <li>OnRamps College Algebra</li> </ul>
Robotics Program		Precalculus         • DC Pre-Calculus Math
Digital Electronics	o moneta interneta de la contra d	OnRamps Pre-Calculus     AP Pre-Calculus
	Food, & Natural Resources	Statistics     AP Statistics     DC Statistics
Accounting II		<ul><li>OnRamps Statistics</li><li>Algebraic Reasoning</li></ul>
<ul> <li>Robotics II</li> </ul>		<ul> <li>Independent Study in Mathematics</li> </ul>
• Financial Mathem	atics	Adv Quantitative Reasoning
• Applied Mathema	atics for Technical Professionals	Engineering Mathematics
• Manufacturing Er	gineering Technology II	Statistics & Business Decision Making
		<ul> <li>Mathematics for Medical Professionals</li> </ul>
		Discrete Math for Computer Science
		Discrete Math for Problem Solving
		DC Multivariable Calculus

- AP Calculus AB or BC
- DC Calculus AB or BC
- AP Computer Science A
- College Preparatory Math
- DC Linear Algebra
- DC Differential Equations
- DC Differential Equations and Linear Algebra

Math Models and Algebra II can be taken concurrently.

- Math Models counts as the 3<sup>rd</sup> math credit
- Algebra II counts as the 4<sup>th</sup> math credit

# Mathematics Recommended Course Sequence and Testing Guide

	Traditional		Advanced		Accelerated	
6th	Gr 6 Math: 0200	STAAR Gr 6	Advanced Gr 6 Math: 0204	STAAR Gr 6	Accelerated Gr 6 Math: 0205	STAAR Gr 8
7th	Gr 7 Math: 0202	STAAR Gr 7	Advanced Gr 7 Math: 0207	STAAR Gr 8	Honors Algebra I: 7055	Alg I EOC
8th	Gr 8 Math: 0203	STAAR Gr 8	Honors Algebra I: 7055	Alg I EOC	Honors Geometry: 7073	STAAR Gr 8
9th	Algebra I: 7051	Alg I EOC	Honors Geometry: 7073	PSAT	Honors Algebra II: 7057 or OnRamps College Alg: 7050	PSAT
10th	Geometry: 7071	PSAT	Honors Algebra II: 7057 or OnRamps College Alg: 7050	PSAT	Honors Precalculus: 7123 AP Precalculus 7140AB; OR OnRamps Precalculus: 7119	PSAT SAT, ACT TSI
11th	Algebra II: 7053	ACT SAT TSI	Honors Precalculus: 7123 AP Precalculus 7140AB: OR OnRamps Precalculus: 7119	ACT SAT TSI	AP/DC/OnRamps Math Electives or Ind Study	SAT ACT TSI
12th	4th Math or CTE Equivalent	ACT SAT TSI	AP/DC/OnRamps Math Electives or Ind Study	Exams vary by course	AP/DC/OnRamps Math Electives or Ind Study	Exams vary by course

ALGEBRA I AB	7051 AB
SHELTERED ALGEBRA I AB – NP	7043 AB
SHELTERED ALGEBRA I AB	7048 AB
ALGEBRA I AB	70515 AB
Students will study linear, quadratic, and exponential functions and their transformations, equations, and associated	03100500
olutions in both mathematical and real-world situations. Students will use technology to collect and explore data	
and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical	
expressions, sequences and laws of exponents. Algebra I is required for graduation.	
nstructional Material: 1521 – Algebra 1 Texas Hybrid Consumable Student Resource, Houghton Mifflin Harcourt; ISBN:	Grade level: 9
9780544555730	Credit(s): 1
Prerequisites: Mathematics, Grade 8 or its equivalent	College Hour(s): NA
<u>Nhat's Next?</u> Geometry or Honors Geometry	Tier III
Students will take the Algebra I EOC.	
All Newcomer Program teachers must be content and ESL certified.	
HONORS ALGEBRA I AB	7055 AB
SHELTERED HONORS ALGEBRA I AB	7047 AB
xtends and builds on the foundation for the Advanced Placement program. Includes all of the regular Algebra I	03100500
ourse with extensions, both independent and guided, in the application of algebraic concepts, the analysis of	
nistorical development of algebra, and the relationships of the major ideas of algebra and geometry.	
Algebra I is required for graduation.	
nstructional Material: XXXX-SpringBoard Algebra 1, CollegeBoard; ISBN: 9781457300394	Grade level: 9
Prerequisites: Mathematics, Grade 8 or its equivalent and student interest	Credit(s): 1
<u>Nhat's Next?</u> Geometry or Honors Geometry	College Hour(s): NA
	The H
Course taught by a locally certified gifted teacher or AP trained teacher.	Tier II

PROBLEM SOLVING IN MATHEMATICS AB	7056 AB
Provides instruction for students who need additional problem-solving strategies. Basic operations with real numbers, number concepts, algebraic relations, geometric properties, measurement, estimation, solution strategies,	N/A
mathematical representations and reasonableness of problem situations will be included in this course. Students	
must complete the three state-required credits in mathematics for graduation. Local credit only, does not count	Grade level: 9 – 12
toward graduation requirements.	Credit(s): N/A
Instructional Material: No state-adopted instructional material(s)/Local credit only/Contact Mathematics Director	College Hour(s): NA
Prerequisites: None	Tier III
Local credit only, does not count toward graduation requirements.	
GEOMETRY I AB	7071 AB
SHELTERED GEOMETRY I AB – NP	7069 AB
SHELTERED GEOMETRY I AB	7070 AB
GEOMETRY I AB	70715 AB
Students will begin to focus on more precise terminology, symbolic representation, and the development of proofs.	03100700
Students will explore concepts covering coordinate and transformational geometry; logical arguments and	03100700
constructions; proof and congruence; similarity, proof and trigonometry; two- and three-dimensional figures; circles;	
and probability. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and	
transformational geometry strand. Geometry is required for graduation.	Grade level: 9 - 10
Instructional Material: 1534 - Geometry Texas Hybrid Consumable Student Resource, Houghton Mifflin Harcourt; ISBN:	Credit(s): 1
<u>mistidetional material.</u> 1994 - Geometry Texus Hybrid Consumable Stadent Resource, Houghton Millian Harcourt, 1994. 9780544555990	College Hour(s): NA
Prerequisites: Algebra I or Honors Algebra I	Tier III
<u>What's Next?</u> Algebra II or Honors Algebra II	
All Newcomer Program teachers must be content and ESL certified.	
HONORS GEOMETRY AB	7073 AB
SHELTERED HONORS GEOMETRY AB	7073 AB 7074 AB
Extends and builds on the foundation for the Advanced Placement program. Includes all of regular geometry course	03100700
with extensions, both independent and guided, from advanced topics. Instruction focuses on the use of higher levels	00100100
of understanding, such as relationships of ideas, analysis of investigations, and prediction of results.	Grade level: 9 – 10
Geometry is required for graduation.	Credit(s): 1
Instructional Material: _SpringBoard Geometry, CollegeBoard; ISBN: 9781457300400	College Hour(s): NA
Prerequisites: Algebra I or Honors Algebra I and student interest	Tier II
<u>What's Next?</u> Algebra II or Honors Algebra II	
Course taught by a locally certified gifted teacher or AP trained teacher.	
MATHEMATICAL MODELS WITH APPLICATIONS I AB	7052 AB
This mathematics course provides a path for students to succeed in Algebra II and prepares them for post-	03102400
secondary choices. Students learn to apply mathematics through experiences in personal finance, science,	Grade level: 10 – 12
engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to apply their	Credit(s): 1
mathematical knowledge. This course can be taken concurrently with Geometry or with Algebra II. This course can	College Hour(s): NA
count as the third math credit.	Tier III
Instructional Material: 1523 - Math Models with Applications, Pearson; ISBN: 9781269888738	
Prerequisites: Algebra I	
What's Next? Algebra II	
COLLEGE PREPARATORY MATH I (DEVELOPMENTAL MATH) - BEGINNING ALGEBRA	7040 A CP
(MATH 0361)	
COLLEGE PREPARATORY MATH II (DEVELOPMENTAL MATH) - INTERMEDIATE ALGEBRA	7040 B CP
(MATH 0362)	
This is a College Preparatory course intended to help students hone their skills prior to taking the TSIA college	CP111200
placement exam.	
Instructional Material: McGraw Hill; Beginning and Intermediate Algebra with POWER and ALEKS; Messersmith	
<u>Prerequisites:</u> Students who have not yet met college readiness standards, but have completed three credits in math.	Crada laval 11 12
	Grade level: 11-12
What's Next? N/A	Credit(s): 1
Credits may or may not be available to count toward graduation. Students on the Foundation HS Plan may earn	College Hour(s): N/A
advanced mathematics credit for a Math College Preparatory course (both semesters are required) only if the student	Tier III
has already completed the three previous mathematics credit requirements for the Foundation Program prior to taking	
these courses.	
• This course is a preparation course for success on TSIA and will no longer provide exemption at TCCD.	
• In accordance with TAC, §74.26, students may be awarded a half credit for successful completion of half of	
the college preparatory mathematics course. This half credit, when paired with another half credit from the	
list of allowable advanced mathematics courses, may satisfy the advanced mathematics requirement for	
students pursuing an endorsement	

students pursuing an endorsement. These College Preparatory courses are developmental courses and will not provide any dual credit. College Preparatory Math information:

- Districts are required to offer a full year of CP Math (unlike English where TEA states that a district can offer .5 or 1 credit of CP English).
- Students must be enrolled in the full credit course.
- If a student only passes one semester, credit is awarded for that one semester.
- The student can then combine that one semester with a semester from a different course (including AQR).
- The student needs a full year of CP math in order to enroll in a credit-bearing math course at TCC.

See the decision-point situations listed below that a student should consider in determining if this course will provide the benefits he/she needs.

- 1. If the student has not passed Algebra I EOC, then complete all coursework in HS needed to pass the EOC exam. Students who have not passed the Algebra I EOC can be scheduled into the course for their senior year if they have received three credits in math.
- 2. Students on the Foundation HS Program may earn advanced mathematics credit for a Math College Preparatory course (both semesters required=1 credit) only if the student has already completed the three previous mathematics credit requirements for the Foundation Program prior to taking this class.
- 3. This course is to be taught on a high school campus, but may not be available at all high school campuses. Availability of the high school classes will be based on student's requests.
- 4. NCAA does not recognize College Preparatory Mathematics as a 4<sup>th</sup> year math course. If a student has the potential of attending a Division 1 or Division 2 school that is governed by NCAA, please contact the content Director for scheduling assistance.

Texas College Bridge Math (Online)*	9006T
This is a College Preparatory course intended to help students be successful on TSIA and to hone their skills prior to taking collegiate level mathematics. Students are scheduled in this course during a zero hour.	CP111200
<ul> <li>Instructional Material: Texas College Bridge stipulates the resources and requires teacher training     Prerequisites: Students who have not yet met college readiness standards, but have completed three credits in math.     What's Next? N/A     </li> <li>If students are taking this course as a stand-alone course, then they will need to be scheduled into a zero hour or 9<sup>th</sup> hour course.     This course can only be paired with College Preparatory Math if it is to be taken during the school day.     For instances where a 12<sup>th</sup> grade student is attending a Division 1 or Division 2 school that is governed by NCAA, please contact the content Director for scheduling assistance.     In accordance with TAC, \$74.26, students may be awarded a half credit for successful completion of half of the college preparatory mathematics courses, may satisfy the advanced mathematics requirement for students pursuing an endorsement.     This course is a preparation course for success in collegiate level mathematics and will provide exemption at Higher Ed Institutions that partner with Texas College Bridge.     Students will receive a certificate of completion upon finishing both Stage 1 and Stage 2 to share with </li> </ul>	Grade level: 11-12 (NOTE: Starting with the class of 2026, TCB taken in the Junior year will not count as a CCMR indicator.) Credit(s): 1.0 College Hour(s): N/A <b>Tier III</b> *This course counts for elective credit only
<ul> <li>colleges or universities that partner with Texas College Bridge and the student intends to enroll.</li> <li>These College Preparatory courses are developmental courses and will not provide any dual credit. See the decision-point situations listed below that a student should consider in determining if this course will provide the benefits he/she needs.</li> <li>1. If the student is not enrolled in a program that offers a certification/licensure.</li> <li>2. If the student is not within 3 college credit hours in Math/English or 9 college credit hours in other.</li> <li>3. If student is not enrolled in a Dual Credit, IB, AP, nor OnRamps Course or if student grades and/or test scores are not aligned with success for the student enrolled in the course.</li> </ul>	
<ol> <li>If student intends to enlist in the military and no other CCMR pathway is assigned.</li> <li>If student is not enrolled in any CCMR course or programs.</li> <li>If student wants to participate in the program for TSIA prep or other reasons.</li> </ol>	
ALGEBRA II AB SHELTERED ALGEBRA II AB – NP SHELTERED ALGEBRA II AB ALGEBRA II AB	7053 AB 7068 AB 7060 AB 70535 AB
Students build on their previous algebraic skills. Students will broaden their knowledge of quadratic functions and exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root,	03100600

absolute value, rational functions, and their related equations, inverses in both mathematical and real-world situations.
Grade level: 9 - 12 Credit(s): 1
College Hour(s): NA
9780544556201
Tier III

9780544556201 Prerequisites: Algebra I or Honors Algebra I

Recommended Prerequisites: Geometry, or Honors Geometry

All Newcomer Program teachers must be content and ESL certified.	
HONORS ALGEBRA II AB	7057 AB
SHELTERED HONORS ALGEBRA II AB Extends and builds on the foundation for the Advanced Placement program. Includes the entire regular Algebra II	7075 AB 03100600
course with extensions, both independent and guided, in the areas of probability, trigonometry functions, triangle	03100000
problems, and arithmetic sequences and series with emphasis on real-world situations.	Grade level: 9 - 12
Instructional Material: XXXX-SpringBoard Algebra 2, CollegeBoard; ISBN: 9781457300417	Credit(s): 1
Prerequisites: Algebra I, Honors Algebra I, and student interest	College Hour(s): NA
Recommended Prerequisites: Geometry, or Honors Geometry	Tier II
What's Next? Precalculus or Honors Precalculus	
OnRamps College Algebra AB	7050 AB
In this course, students deepen their critical thinking skills and develop their ability to persist through challenges as	03100600
they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and	
Logarithmic. Students analyze data algebraically and with technology while developing their knowledge of properties	Grade level: 9 – 12
of functions, matrices and systems of equations, and complex numbers. OnRamps works through a dual enrollment	Credit(s): 1
model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local	College Hour(s): 3 hours
teacher.	Tier I
NOTE: This course provides the same credit as Algebra II or Honors Algebra II.	
Instructional Material: Selected and provided by the University of Texas at Austin	
Prerequisites: Algebra 1	
Recommended Prerequisites: Geometry	
What's Next? N/A	
PRECALCULUS I AB	7121 AB
Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends	03101100
their ability to make connections and apply concepts and procedures at high levels in both mathematical and real-	
world situations. This course provides the necessary foundation for advanced placement or college calculus.	Grade level: 10 - 12
Instructional Material: 1549 SpringBoard Precalculus, CollegeBoard; ISBN: 9781457300424	Credit(s): 1
Prerequisites: Algebra I or Honors Algebra I, Geometry or Honors Geometry and Algebra II or Honors Algebra II	College Hour(s): NA
What's Next? AP Calculus AB or AP Statistics	Tier III
HONORS PRECALCULUS I AB	7123 AB
SHELTERED HONORS PRECALCULUS I AB	7118 AB
Extends and builds on the foundation for the Advanced Placement program. Includes the entire regular Precalculus	03101100
course with extensions, both guided and independent, in the areas of symbolic logic, linear programming, and	
applications of polar coordinates, and topics from discrete mathematics. This course provides the necessary	Grade level: 10 – 12
foundation for advanced placement or college calculus	Credit(s): 1
Instructional Material: 1549 SpringBoard Precalculus, CollegeBoard; ISBN: 9781457300424	College Hour(s): NA
Prerequisites: Algebra I or Honors Algebra I, Geometry or Honors Geometry and Algebra II or Honors Algebra II	Tier II
What's Next? AP Calculus AB or AP Statistics	7100 4
DUAL CREDIT PRECALCULUS I A	7122 A
TCC Course: College Algebra (MATH 1314)	
TWU Course: Precalculus (MAT 1302)	
In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of	03101100
equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.	
Computer software materials fee charged for some sections. Instructional Material: N/A	
FWISD Prerequisites: Algebra II and Geometry or Honors Algebra II and Honors Geometry	Grade level: 11 – 12
<u>TCC Prerequisites</u> : TSI compliant in mathematics	Credit(s): 0.5
<u>TWU Prerequisites:</u> Only offered at Dunbar	College Hour(s): 3 hours
Early College High School Grade Placement: 9 -12	Tier I
What's Next? MATH 2412	
Course taught by an approved adjunct instructor	
DUAL CREDIT PRECALCULUS I B	7120 B
TCC Course: PreCalculus Math (MATH 2412)	
TWU Course: Precalculus (MAT 1303)	
In-depth combined study of algebra, trigonometry, and other topics for calculus readiness. Includes the study of	03101100
elementary functions, both algebraic and trigonometric, their graphs and applications. These functions include	Grade level: 11 – 12
polynomial, rational, exponential, logarithmic and trigonometric. This is a regular college-level Precalculus course in	Credit(s): 0.5
which dual credit will be awarded for college Precalculus and high school Precalculus B.	College Hour(s): 4 hours
	Tier I
Instructional Material: N/A	
<u>Instructional Material:</u> N/A <u>FWISD &amp; TCC Prerequisites:</u> MATH-1314 or MATH-1316 with a minimum grade of C	

Course taught by an approved adjunct instructor.	7110 40
<b>OnRamps PRECALCULUS I AB</b> Students will deepen and extend their knowledge of functions, graphs and equations from their high school Algebra	7119 AB 03101100
and Geometry courses so they can successfully work on concepts in a rigorous university-level calculus course. An	03101100
emphasis on unpacking mathematical definitions and making logical arguments will empower students to develop	Grade level: 11-12
their problem-solving skills and create connections to prior concepts. OnRamps works through a dual enrollment	Credit(s): 1
nodel. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and	College Hour(s): 3 hours
nave the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local	Tier I
teacher.	
Instructional Material: Selected and provided by University of Texas at Austin	
P <u>rerequisites:</u> Algebra II, Geometry	
What's Next? AP Calculus AB or Dual Credit AP Calculus AB (TSI compliant in mathematics)	
AP PRECALCULUS I AB	7140AB
AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is	03100100
designed to better prepare students for college-level calculus and provide grounding for other mathematics and	
science courses. In this course, students study a broad spectrum of function types that are foundational for careers in	Grade level: 11-12
mathematics, physics, biology, health science, business, social science, and data science. Furthermore, as AP	Credit(s): 1
Precalculus may be the last mathematics course of a student's secondary education, the course is structured to	College Hour(s): 3 hours
provide a coherent capstone experience rather than exclusively focusing on preparation for future courses.	Tier I
Instructional Material: 1549 SpringBoard Precalculus, CollegeBoard; ISBN: 9781457300424 or adopted resource/ curriculum	
<i>curriculum</i> <u>Prerequisites:</u> Algebra II or Honors Algebra II	
<u>What's Next?</u> AP Calculus AB or Dual Credit AP Calculus AB (TSI compliant in mathematics)	
AP CALCULUS AB AB	7124 AB
Prepares eligible students for the Calculus AB Advanced Placement Examination given by the College Entrance	A3100101
Examination Board	Grade level: 11 - 12
Instructional Material: 1550 - AP Calculus 1st Edition, Pearson Briggs; ISBN: 9780133498356	Credit(s): 1
Prerequisites: Precalculus, or Honors Precalculus and student interest	College Hour(s): NA
What's Next? AP Calculus BC or AP Statistics	Tier I
DUAL CREDIT AP CALCULUS AB AB	7125 AB
TCC Course: Calculus I (MATH 2413)	
Limits and continuity; the fundamental Theorem of Calculus; definition of the derivative of a function and techniques	A3100101
of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value	
theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric,	Grade level: 11 – 12
and transcendental functions, with an application to calculation of areas.	Credit(s): 1
Instructional Material: N/A	College Hour(s): 4 hours
FWISD & TCC Prerequisites: MATH-2412 with a minimum grade of C	Tier I
Early College High School Grade Placement: 10-12	
<u>What's Next?</u> MATH 2414	
Course taught by an approved adjunct instructor	
AP CALCULUS BC AB	7126 AB
Prepares eligible students for the Calculus BC Advanced Placement Examination given by the College Entrance	A3100102
Examination Board.	Grade level: 11 - 12
nstructional Material: 1550 - AP Calculus 1st Edition, Pearson Briggs; ISBN: 9780133498356	Credit(s): 1
Prerequisites: Precalculus, or Honors Precalculus and student interest (AP Calculus AB Recommended)	College Hour(s): NA
What's Next? Ordinary Differential Equations or Multivariable Calculus or AP Statistics	Tier I
DUAL CREDIT AP CALCULUS BC AB	7127 AB
TCC Course: Calculus II (Math 2414)	12100102
Differentiation and integration of transcendental functions; parametric equations and polar coordinates; techniques of integration; sequences and series; improper integrals.	A3100102
nstructional Material: TCC Course: Calculus II (Math 2414)	Grade level: 11 - 12
WISD & TCC Prerequisites: MATH-2413 with a minimum grade of C	Credit(s): 1
Early College High School Grade Placement: 10-12	College Hour(s): 4 hours
What's Next? N/A	Tier I
Course taught by an approved adjunct instructor	··
ADVANCED QUANTITATIVE REASONING AB	7132 AB
Students will develop and apply reasoning, planning, and communication to make decisions and solve problems in	03102510
applied situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and	
	Grade level: 12
modeling with algebra, geometry, trigonometry and discrete mathematics. Both semesters must be taken for this course to qualify as a fourth-year mathematics graduation credit.	Credit(s): 1
	Credit(s): 1 College Hour(s): NA <b>Tier III</b>

DUAL CREDIT ADVANCED QUANTATIVE REASONING AB	7138 AB
TCC Course: Mathematics for Business & Social Sciences I (MATH 1324)	
The application of common algebraic functions, including polynomial, exponential, logarithmic, and rational, to problems in business, economics, and the social sciences are addressed. The applications include mathematics of	03102510
finance, including simple and compound interest and annuities; systems of linear equations; matrices; linear programming; and probability, including expected value.	Grade level: 9 - 12 Credit(s): 0.5 - 1
Instructional Material: TCC Course: Math 1324	College Hour(s): 3
<u>Prerequisites:</u> Geometry or Honors Geometry and Algebra II or Honors Algebra II <u>FWISD &amp; TCC Prerequisites:</u> TSI Met in Algebraic Math pathway <u>Early College High School Grade Placement:</u> 9-12	Tier I
<u>What's Next?</u> N/A	
ALGEBRAIC REASONING AB	7134 AB
Students taking this course will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their	03102540
knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software	Grade level: 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b>
tools, including spreadsheets.	
<u>Instructional Material:</u> Co <i>nsenza &amp; Associates ISBN: 9780988679696</i> <u>Prerequisites:</u> Algebra I and student interest <u>What's Next?</u> N/A	
STATISTICS AB	7144 AB
Students taking this course will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and	03102530
Algebra I. Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate	Grade level: 12
data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis.	Credit(s): 1 College Hour(s): NA
<u>Instructional Material:</u> Bedford, Freeman, & Worth ISBN: 1464122164 and e-text: ISBN 1319124518 <u>Prerequisites:</u> Algebra I and student interest What's Next? N/A	Tier III
AP STATISTICS AB	7145 AB
Introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data.	A3100200
Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns in advance, and statistical inference. This course is equivalent to an introductory, non-calculus based, college course in	Grade level: 9 – 12
statistics.	Credit(s): 1
Instructional Material: 1552 - Practice of Statistics, Bedford, Freeman and Worth Publishing Group; ISBN: 9781464170770	College Hour(s): NA <b>Tier I</b>
Prerequisites: Geometry or Honors Geometry, and Algebra II or Honors Algebra II; and student interest	
What's Next? AP Calculus AB	7146 AD
<b>OnRamps STATISTICS AB</b> This course develops the quantitative reasoning skills and habits of mind. It will target conceptual understandings	7146 AB A3100200
and hone highly relevant mathematical skills through scaffolded introduction to statistical methodologies, informal game play, and strategic lab exercise that engage students in hands-on analysis of real data. Valuable programming and coding skills will be acquired as a means for conducting these analyses. OnRamps works through a dual enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher.	Grade level: 11-12 Credit(s): 1 College Hour(s): 3 hours <b>Tier I</b>
Instructional Material: Selected and provided by the University of Texas at Austin <u>Prerequisites:</u> Algebra I or Honors Algebra 1; Geometry and Algebra II are preferred What's Next? N/A	
INTRODUCTORY MATHEMATICS AB	7415 AB
This course provides instruction for students who need additional study in computational skills before entering Algebra. This course includes operations with whole numbers, decimals, percent, and consumer application Algebra I	N/A
Recommended: Algebra II ns. Units on measurement, statistical graphs, and geometry will be taught. No credit is earned toward graduation for this course.	Grade level: 9 – 12 Credit(s): N/A
Instructional Material:	College Hour(s): NA

TEXAS PREFRESHMAN ENGINEERING PROGRAM I AB	7421 AB
vailable at Texas Wesleyan University and/or Tarrant County Community College, as summer enrichment for high	N1303752
bility students, these courses emphasize study and research in mathematics, engineering, and computer science.	
reference is given to female students and minority students who have been underrepresented in the field of	Grade level: 9 - 11
ngineering. Note: This course is for state elective credit only, and some students may have earned one or two credits	Credit(s): 1
middle school. For this course to count as an elective credit and to be calculated into the student's GPA; each	College Hour(s): 4 hours
udent is responsible to provide his/her grade and course information to his/her counselor.	Tier III
nstructional Material: Textbook(s) and materials provided by the participating university	
rerequisites: Average of 80 or higher in college preparatory mathematics course; teacher recommendation	
EXAS PREFRESHMAN ENGINEERING PROGRAM II AB	7423 AB
vailable at Texas Wesleyan University and/or Tarrant County Community College, as summer enrichment for high	N1303753
bility students, these courses emphasize study and research in mathematics, engineering, and computer science.	
reference is given to female students and minority students who have been underrepresented in the field of	
ngineering. Note: This course is for state elective credit only, and some students may have earned one or two credits	Grade level: 9 – 11
middle school. For this course to count as an elective credit and to be calculated into the student's GPA; each	Credit(s): 1
udent is responsible to provide his/her grade and course information to his/her counselor.	College Hour(s): 4 hours
structional Material: Textbook(s) and materials provided by the participating university	Tier III
rerequisites: Average of 80 or higher in college preparatory mathematics course; teacher recommendation	
<u>/hat's Next?</u> N/A	
EXAS PREFRESHMAN ENGINEERING PROGRAM III AB	7425 AB
ailable at Texas Wesleyan University and/or Tarrant County Community College, as summer enrichment for high	N1303754
bility students, these courses emphasize study and research in mathematics, engineering, and computer science.	Grade level: 9 - 11
reference is given to female students and minority students who have been underrepresented in the field of	Credit(s): 1
ngineering. Note: This course is for state elective credit only, and some students may have earned one or two credits	College Hour(s): 4 hours
middle school. For this course to count as an elective credit and to be calculated into the student's GPA; each	Tier III
tudent is responsible to provide his/her grade and course information to his/her counselor.	
structional Material: Textbook(s) and materials provided by the participating university	
rerequisites: Average of 80 or higher in college preparatory mathematics course; teacher recommendation	
EXAS PREFRESHMAN ENGINEERING PROGRAM IV AB	7427 AB
vailable at Texas Wesleyan University and/or Tarrant County Community College, as summer enrichment for high	N1303755
bility students, these courses emphasize study and research in mathematics, engineering, and computer science.	
reference is given to female students and minority students who have been underrepresented in the field of	Grade level: 9 – 11
ngineering. Note: This course is for state elective credit only, and some students may have earned one or two credits	Credit(s): 1
middle school. For this course to count as an elective credit and to be calculated into the student's GPA; each	College Hour(s): 4 hours
tudent is responsible to provide his/her grade and course information to his/her counselor.	Tier III
nstructional Material: Textbook(s) and materials provided by the participating university	
rerequisites: Average of 80 or higher in college preparatory mathematics course; teacher recommendation	
<u>/hat's Next?</u> N/A	
NDEPENDENT STUDY IN MATH DAP: HONORS MULTIVARIABLE CALCULUS AND ITS	7128 AB
APPLICATIONS AB	
his third course of calculus will use all of the skills and concepts learned in the previous two courses to analyze and	031025##
xplore problems requiring multi-variables. Essential for students planning to study advanced physical sciences	
nd/or mathematics in college.	
nstructional Material: XXXX - Multivariable Calculus 1st Edition, Pearson Briggs; ISBN: 9780321965158	Grade level: 12
rerequisites: Concurrent enrollment or completion of AP Calculus BC	Credit(s): 1
<u>Vhat's Next?</u> N/A	College Hour(s): NA
31025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=02 Course taught by locally certified gifted teacher.	Tier I
UAL CREDIT MULTIVARIABLE CALCULUS AND ITS APPLICATIONS AB	7133 AB
CC Course: Calculus III (Math 2415)	
dvanced topics in calculus, including vectors and vector-valued functions, partial differentiation, Lagrange	031025##
nultipliers, multiple integrals, and Jacobians; application of the line integral, including Green's Theorem, the	
ivergence Theorem, and Stokes' Theorem.	Grade level: HS: 11-12
nstructional Material: N/A	ECHS: 11 – 12
WISD & TCC Prerequisites: MATH-2414 with a minimum grade of C	Credit(s): 1
<u>/hat's Next?</u> N/A	College Hour(s): 4 hours
31025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=02.	Tier I
	7129 AB
Course taught by an approved adjunct instructor. NDEPENDENT STUDY IN MATH DAP: HONORS ORDINARY DIFFERENTIAL EQUATIONS AND THEIR APPLICATIONS AB	<b>7129 AB</b> 031025##
NDEPENDENT STUDY IN MATH DAP: HONORS ORDINARY DIFFERENTIAL EQUATIONS AND           HEIR APPLICATIONS AB           rovides instruction in the concepts and skills associated with differential equations including solving first-order	
NDEPENDENT STUDY IN MATH DAP: HONORS ORDINARY DIFFERENTIAL EQUATIONS AND HEIR APPLICATIONS AB	031025##

Instructional Material: No state-adopted instructional material(s)/Contact Mathematics Director	Tier I
Prerequisites: AP Calculus BC or concurrent enrollment and student interest	
What's Next? N/A	
031025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=03	
Course taught by a locally certified gifted teacher.	
DUAL CREDIT ORDINARY DIFFERENTIAL EQUATIONS AND THEIR APPLICATIONS A TCC Course: Differential Equations (MATH 2320)	7135 A
Ordinary differential equations, including linear equations, systems of equations, equations with variable coefficients,	031025##
existence and uniqueness of solutions, series solutions, singular points, transform methods, and boundary value	
problems; application of differential equations to real-world problems. This is a regular college-level Differential	
Equations course in which dual credit will be awarded for Differential Equations and high school Ordinary Differential Equations A.	
Instructional Material: N/A	
<u>FWISD &amp; TCC Prerequisites:</u> MATH-2414 with minimum grade of C	Grade level: 11-12
Early College High School Grade Placement: 11-12	Credit(s): 0.5
<u>What's Next?</u> N/A	College Hour(s): 3 hours
031025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=04 Course taught by an approved adjunct instructor.	Tier I
DUAL CREDIT ORDINARY DIFFERENTIAL EQUATIONS AND THEIR APPLICATIONS B	7135 B
TCC Course: Differential Equations and Linear Algebra (MATH 2421)	
This course emphasizes solution techniques. Ordinary differential equations, vector spaces, linear transformations,	031025##
matrix/vector algebra, eigenvectors, Laplace Transforms and systems of equations. This is a regular college-level	
Differential Equations and Linear Algebra course in which dual credit will be awarded for Differential Equations and	
Linear Algebra and high school Ordinary Differential Equations B.	
Instructional Material: N/A FWISD & TCC Prerequisites: MATH-2414 with minimum grade of C	Grade level: 11-12
Early College High School Grade Placement: 11-12	Credit(s): 0.5
What's Next? N/A	College Hour(s): 4 hours
031025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=04. Course taught by an approved adjunct instructor.	Tier I
INDEPENDENT STUDY IN MATH DAP: HONORS MATHEMATICAL MODELING USING COMPUTER	7130 AB
SIMULATION AB	
This one- or two-semester course is designed for students to use an interdisciplinary approach to modeling physical	031025##
events in the real world. For example, pilots are trained on computer simulators, new medicinal drugs are designed	
with the aid of computer models, economic projections and weather forecasting are based upon mathematical formats	
that are solved through intensive computer programming. This course will use skills and concepts learned in various	
mathematics courses (algebra-calculus, economics, physics, biology, anatomy, and physiology, and computer science).	Grade level: 11 - 12
Instructional Material: No state-adopted instructional material(s)/Contact Mathematics Director Prerequisites: AP Calculus AB and student interest	Credit(s): 0.5-1
What's Next? N/A	College Hour(s): NA
031025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=05	Tier I
Course taught by a locally certified gifted teacher. State elective credit	
INDEPENDENT STUDY IN MATH DAP: HONORS NUMBER THEORY AB	7215 AB
Provides the opportunity for students to learn concepts and skills involving the use of integers.	031025##
Instructional Material: No state-adopted instructional material(s)/Contact Mathematics Director	
Prerequisites: Algebra II	Grade level: 11 - 12
<u>What's Next?</u> N/A 031025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=05	Credit(s): 1
Course taught by a locally certified gifted teacher. State elective credit.	College Hour(s): NA <b>Tier I</b>
INDEPENDENT STUDY IN MATH DAP: CALCULUS BASED STATISTICS AB	7235 AB
Provides a study of permutations, combinations, binomial theorems, equally likely outcomes, random variables, joint	031025##
and continuous distributions, the binomial distribution, and inferential statistics.	001020##
Instructional Material: No state-adopted instructional material(s)/Contact Mathematics Director	
Prerequisites: AP Calculus BC or concurrent enrollment	Grade level: 11 - 12
What's Next? N/A	Credit(s): 1
031025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=05	College Hour(s): NA
Course taught by a locally certified gifted teacher. State elective credit.	Tier I
DUAL CREDIT CALCULUS BASED STATISTICS AB	7237 AB
TCC Course: Elementary Statistical Methods (MATH 1342)	
Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics,	031025##
correlation and regression, confidence intervals and hypothesis testing. Topics may include population sampling;	Creade Jac. 11. 12
collection, tabulation, and graphing of data; frequency distributions; mean and standard deviation; normal distribution;	Grade level: 11-12
correlation and regression, and tests for significance. This is a regular college level Statistics service in which that and	
correlation and regression, and tests for significance. This is a regular college-level Statistics course in which dual credit will be awarded for college Elementary Statistical Methods and high school Calculus Based Statistics.	Credit(s): 1 College Hour(s): 3 hours

Instructional Material: N/A	Tier I
FWISD Prerequisites: AP Calculus AB	
TCC Prerequisites: TSI compliant in mathematics	
Early College High School Grade Placement: 10-12	
<u>What's Next?</u> N/A	
031025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=05	
Course taught by an approved adjunct instructor. State elective credit	
INDEPENDENT STUDY IN MATHEMATICS DAP: HONORS LOGIC DESIGN USING BOOLEAN ALGEBRA	7275 AB
The Honors Logic Design using Boolean Algebra course provides opportunities to study the Boolean mathematics	031025##
behind and the design methods for combinational and sequential digital logic systems from standard integrated	
circuits. The students will also design, implement and evaluate their logic circuit designs using basic digital lab	
techniques. Both combinational and sequential logic circuits will be implemented and tested in the labs.	
Instructional Material: Laboratory materials provided by high school	Grade level: 11 - 12
Prerequisites: Co-requisite of an AP level mathematics course	Credit(s): 1
What's Next? N/A	College Hour(s): NA
031025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=05	Tier I
Course taught by an approved adjunct instructor. State elective credit.	
Offered at: Paschal	
INDEPENDENT STUDY IN MATH DAP: HONORS LINEAR ALGEBRA ABH	7277 ABH
Presents matrices and vectors, transformations and matrices, representatives of linear transformations, and some	031025##
elementary analytic geometry from a vector standpoint.	
Instructional Material: Introductory Linear Algebra with Applications, Macmillan	
Prerequisites: AP Calculus A, AP Calculus AB, AP Statistics or concurrent enrollment	Grade level: 12
<u>What's Next?</u> N/A	Credit(s): 1
031025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=05	College Hour(s): NA
Course taught by a locally certified gifted teacher. State elective credit.	Tier I
Offered only at: Paschal	
DUAL CREDIT LINEAR ALGEBRA IT	7279 T
TCC Course: Linear Algebra (MATH 2318)	
Introduces and provides models for application of the concepts of vector algebra. Topics include finite dimensional	031025##
vector spaces and their geometric significance; representing and solving systems of linear equations using multiple	
methods, including Gaussian elimination and matrix inversion; matrices; determinants; linear transformations; quadratic	Grade level: 11-12
forms; eigenvalues and eigenvector; and applications in science and engineering.	Credit(s): 0.5
Instructional Material: N/A	College Hour(s): 3 hour
FWISD & TCC Prerequisites: MATH-2414 with minimum grade of C	Tier I
Early College High School Grade Placement: 11-12	
What's Next? N/A	
Course taught by an approved adjunct instructor.	
INDEPENDENT STUDY IN MATH DAP: ELECTRICAL CIRCUIT THEORY AB	7278 AB
The Electrical Circuit Theory course will supplement the basic knowledge of the function of electrical circuits provided	031025##
by an introductory physics course. This course is modeled after the initial analog circuits course in a university	051025##
electrical engineering program. Students will engage in theoretical analysis of circuit response via mathematical	Cue de la vel: 11, 12
methods and computer simulation as well as hands-on design, construction, and testing of electrical circuits in a	Grade level: 11-12
laboratory environment.	Credit(s): 1
*	College Hour(s): NA
Instructional Material: N/A	Tier I
Prerequisites: Successful completion of AP Calculus AB and concurrent enrollment in AP Calculus BC. Successful	
completion of AP Physics 1 or an equivalent course.	
What's Next? N/A	
031025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=05	
Course taught by a locally certified gifted teacher. State elective credit.	
INDEPENDENT STUDY IN MATHEMATICS: OPTICS	7256 AB
In Optics, students conduct laboratory and field investigations, use scientific practices during investigations, and make	031025##
informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include:	Grade level: 11-12
informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include:	Credit(s): 1
informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: the principles of reflection and refraction, reflective optics, lenses and ray tracing, physical optics, and lasers. Students	Credit(s): 1 College Hour(s): NA
informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: the principles of reflection and refraction, reflective optics, lenses and ray tracing, physical optics, and lasers. Students who successfully complete the Optics course will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical-thinking skills.	College Hour(s): NA
informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: the principles of reflection and refraction, reflective optics, lenses and ray tracing, physical optics, and lasers. Students who successfully complete the Optics course will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical-thinking skills. Instructional Material: Optics, 5 <sup>th</sup> edition, by Eugene Hecht, Pearson, ISBN 9780133977226	.,
informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: the principles of reflection and refraction, reflective optics, lenses and ray tracing, physical optics, and lasers. Students who successfully complete the Optics course will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical-thinking skills. Instructional Material: Optics, 5 <sup>th</sup> edition, by Eugene Hecht, Pearson, ISBN 9780133977226 Prerequisites: AP Calculus AB, AP Physics 1 or an equivalent course.	College Hour(s): NA
informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: the principles of reflection and refraction, reflective optics, lenses and ray tracing, physical optics, and lasers. Students who successfully complete the Optics course will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical-thinking skills. Instructional Material: Optics, 5 <sup>th</sup> edition, by Eugene Hecht, Pearson, ISBN 9780133977226	College Hour(s): NA

INDEPENDENT STUDY IN MATHEMATICS: ASTROPHYSICS	7257 AB	
The Astrophysics course will cover the same curricular topics found in the Honors Astronomy course. However, the topics will be explored in greater depth using the advanced mathematics and physics skills including calculus,	031025##	
differential equations, spectrum analysis, and quantum physics. The course will emphasize application and critical	Grade level: 11-12	
thinking for problem solving.	Credit(s): 1	
Instructional Material: Astronomy Today, by Chaisson and McMillan, Pearson, ISBN 978-0-321-90167-5	College Hour(s): NA	
Prerequisites: AP Calculus AB, AP Physics 1 or an equivalent course.	Tier I	
What's Next? N/A		

031025##- 1st Time ##=00, 2nd Time ##=01, 3rd Time ##=05 Course taught by a locally certified gifted teacher. State elective credit.

# SCIENCE

# SCIENCE GRADUATION REQUIREMENTS

# ALL STUDENTS ARE REQUIRED to pass Biology EOC exam

One credit: in Biology or AP/IB Biology.

One credit: must be selected from the following laboratory-based courses:

- Integrated Physics & Chemistry
- Chemistry
- AP/DC Chemistry
- OnRamps Chemistry
- Physics
- Principles of Technology
- AP Physics 1 (Algebra-based)
- DC Physics
- OnRamps Physics

The 3rd & 4th Science credit may be selected from one full credit or a combination of two half credits from the following:

- Chemistry
- Physics
- Principles of Technology
- Aquatic Science / DC
- Astronomy / DC
- Earth Systems Science / DC
- Environmental Systems / DC
- Engineering Science
- CTE: Engineering Science
- CTE: Food Science
- CTE: Scientific Research & Design
- CTE: Anatomy & Physiology
- DC Anatomy & Physiology
- CTE: Eng Design & Prob Solving
- CTE: Forensic Science
- CTE: Adv Animal Science
- CTE: Pathophysiology
- CTE: Adv Plant & Soil Science
- CTE: Medical Microbiology
- DC SRD: Biology for Non-Science Majors
- DC SRD: General Chemistry
- DC SRD: College Physics
- Possible Endorsement Opportunities:
- Multidisciplinary
- Business & Industry
- STEM (Sci, Tech, Eng & Math)

- AP/DC Biology
  - AP/DC Chemistry
  - OnRamps Biology
  - OnRamps Chemistry
  - OnRamps Chemistry II
  - AP Physics 1 or 2 (Algebra-based)
  - AP Physics C Mechanics
  - AP Physics C Electricity & Magnetism
  - DC Physics
  - OnRamps Physics
  - OnRamps Physics II
  - OnRamps Earth & Space Science
  - AP Environmental Science
  - Biotechnology I
  - Biotechnology II

# Science

# Science SAMPLE Course Sequence and Testing Guide

	Traditional		Advanced		Advanced Placement (AP) Dual Credit (DC	•
6 <sup>th</sup>	Gr 6 Science: 0300	None	Gr 6 Advanced Science: 0313	None	Gr 6 Advanced Science: 0313	None
7 <sup>th</sup>	Gr 7 Science: 0304	None	Gr 7 Advanced Science: 0303	STAAR Gr 8	Gr 7 Advanced Science: 0303	STAAR Gr 8
8 <sup>th</sup>	Gr 8 Science: 0305	STAAR Gr 8	Grade 8 Science: 0305 or Honors Biology: 7574	STAAR Gr 8 or Bio EOC	Honors Biology: 7574	Bio EOC
9 <sup>th</sup>	Biology: 7572 or Integrated Physics/Chemistry: 7532	Bio EOC <sup>or</sup> None	Honors Chemistry: 7594 or Honors Biology: 7574	None <sup>or</sup> Bio EOC	Honors Biology: 7574 or Honors Chemistry: 7594 or AP Physics: 7625	Bio EOC <sup>or</sup> None
10 <sup>th</sup>	Biology: 7572 or Chemistry: 7592 or Physics: 7614	Bio EOC or PSAT Exams vary by course	Honors Chemistry: 7594 or Honors Biology: 7574	Bio EOC or PSAT Exams vary by course	Honors Chemistry: 7594 or AP Physics: 7625 or Honors Biology: 7574	Bio EOC or PSAT Exams vary by course
11 <sup>th</sup>	Chemistry: 7592 or Physics: 7614	PSAT SAT ACT	AP/DC Science Elective or Advanced Science	Exams vary by course	AP/DC/OnRamps Science Elective or Advanced Science	Exams vary by course
12 <sup>th</sup>	Advanced Science or CTE Equivalent	PSAT SAT ACT	AP/DC/OnRamps Science Elective or Advanced Science	Exams vary by course	AP/DC/OnRamps Science Elective or Advanced Science	Exams vary by course

INTEGRATED PHYSICS/CHEMISTRY AB	7532 AB
SHELTERED INTEGRATED PHYSICS AND CHEMISTRY AB – NP	7526 AB
SHELTERED INTEGRATED PHYSICS AND CHEMISTRY AB	7528 AB
In Integrated Physics and Chemistry, students conduct laboratory and field investigations, use engineering practices, use scientific practices during investigation, and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter.	03060201
Instructional Material: Texas IPC from Activate Learning; ISBN 9781682316900	Grade level: 9 – 10
<u>Prerequisites:</u> None	Credit(s): 1
What's Next? Biology, if IPC was taken as the first high school science or any 3rd or 4th year science credit if Biology	College Hour(s): NA
has been successfully completed.	Tier III
NOTE: IPC does <b>NOT</b> count as an "additional science course" for the STEM endorsement.	
All Newcomer Program teachers must be content and ESL certified.	

#### DUAL CREDIT INTEGRATED PHYSICS AND CHEMISTRY AB TCC Course: Physical Science I (PHYS 1415 and PHYS 1415 Lab) TWIL Course: Nature of Physical Science (CHE 1403)

7535 AB

TWU Course: Nature of Physical Science (CHE 1403)	
Course, designed for non-science majors, that surveys topics from physics, chemistry, geology, astronomy, and meteorology.	03060201
Instructional Material: N/A	Grade level: N/A
WISD & TCC Prerequisites: None	Credit(s): 1
<u>CC Co-Requisite</u> : PHYS-1415 Lab	College Hour(s): 4 hours
WU Prerequisites: Only offered at Dunbar	Tier I
<u>Vhat's Next?</u> N/A	
arly College High School Grade Placement: 9-12. Course taught by an approved adjunct instructor.	
BIOLOGY AB	7572 AB
SHELTERED BIOLOGY AB – NP	7573 AB
SHELTERED BIOLOGY AB	7575 AB
BIOLOGY AB	75725 AB
tudents in Biology focus on patterns, processes, and relationships of living organisms through four main concepts:	03010200
piological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence	05010200
vithin environmental systems. One credit of Biology is required for graduation. Students entering Grade 9 in 2011-	
012 and thereafter are required to take the STAAR End of Course (EOC) exam in this course.	
nstructional Material: Miller & Levine's Experience Biology from Savvas; ISBN 9781418358921	Grade level: 9 - 11
rerequisites: None	Credit(s): 1
<u>Vhat's Next?</u> Any course from the laboratory-based course category that aligns with the students' particular	College Hour(s): NA
ndorsement. NOTE: Students with a multidisciplinary endorsement are required to have chemistry <b>OR</b> physics as	
heir lab-based credit.	
Il students will take the Biology EOC.	Tier III
Il Newcomer Program teachers must be content and ESL certified.	
IONORS BIOLOGY AB	7574 AB
SHELTERED HONORS BIOLOGY AB	7576 AB
n Honors Biology, students engage in real-world data analysis and problem solving that sparks critical thinking	03010200
bout our living world. As students engage in grade-level biology content described in the Biology AB course	03010200
description, they utilize the kind of scientific reasoning skills needed to analyze the natural world and to succeed in	
uture science and social science courses in high school, such as AP Biology, and college. Multiple opportunities to	
hink and work like scientists include an emphasis on analytical reading and writing, strategic use of mathematics,	
nd an expanded use of modeling. One credit of Biology is required for graduation.	Creade Javala 0, 10
nstructional Material: Miller & Levine's Experience Biology from Savvas; ISBN 9781418358921	Grade level: 8 - 10
Recommended Prerequisites: None	Credit(s): 1
<u>What's Next?</u> Any course from the laboratory-based course category that aligns with the students' particular	College Hour(s): NA
endorsement. NOTE: Students with a multidisciplinary endorsement are required to have chemistry <b>OR</b> physics as	
heir lab-based credit.	Tion II
itudents will take the Biology EOC.	Tier II
AP BIOLOGY AB	7590 AB
his course involves extensive laboratory investigations and advanced topics in Biology including molecules and	A3010200
ells, heredity and evolution, and organisms and populations. The course prepares students to take the College oard AP Biology Examination. One credit of Biology is required for graduation.	
<u>instructional Material:</u> 1715 – AP Edition Biology, 11th Edition, Media-Onboard Connect electronic resources and	Grade level: 10 – 12
ligital Scoreboard for each student. McGraw-Hill School Education, LLC, ISBN: 9780076649761	Credit(s): 1
Recommended Prerequisites: Successful completion of Biology and Chemistry	College Hour(s): NA
<u>Vhat's Next?</u> Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	Tier I
IOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
f students are using this course as a substitution for the on-level or Honors Biology, they will take the Biology EOC.	
DnRamps BIOLOGY AB	7591 AB
his course focuses on molecular and cellular biology. It revolved around three big ideas of biology starting with	A3010200
he student of the structure and function of biomolecules. The flow of energy through living systems via	AJU 10200
hotosynthesis and cellular respiration is the second big idea of the class. The course finishes with investigation of	Crada Isush 10 10
	Grade level: 10 – 12
ow genetic information is expressed and transmitted both within and between cells. OnRamps works through a	Credit(s): 1
lual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness	College Hour(s): 3
tandards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from	Tier I
heir local teacher. petructional Material: Selected and provided by the University of Texas at Austin	

Instructional Material: Selected and provided by the University of Texas at Austin

Prerequisites: TEKS based High School Biology, TEKS based High School Chemistry

<u>What's Next?</u> Any 3<sup>rd</sup> or 4<sup>th</sup> year science credit that is aligned to the students' particular endorsement.

NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.

	7592 AB
SHELTERED CHEMISTRY AB – NP	7596 AB
SHELTERED CHEMISTRY AB	7598 AB
CHEMISTRY AB	75925 AB 03040000
In Chemistry, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that	03040000
include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding,	
chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will	
investigate how Chemistry is an integral part of our daily lives.	
Instructional Material: Experience Chemistry from Savvas; ISBN 9781418358891	Grade level: 10 - 12
Required Prerequisites: One unit of high school science and Algebra I	Credit(s): 1
Suggested prerequisite: Completion of, or concurrent enrollment in, a second year of mathematics	College Hour(s): NA
What's Next? Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	Tier III
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
All Newcomer Program teachers must be content and ESL certified.	
HONORS CHEMISTRY AB	7594 AB
SHELTERED HONORS CHEMISTRY AB	7595 AB
In Honors Chemistry, students develop a deep conceptual understanding of matter and energy at the molecular level	03040000
as they learn to explain their macroscopic observations using particulate-level reasoning, As students engage in	
grade-level Chemistry content described in the Chemistry AB course description, They utilize the scientific reasoning	
skills needed to analyze the natural world and to succeed in future science and social science courses in high school,	
such as AP Chemistry, and college. Multiple opportunities to think and work like scientists include a particular	
attention to modeling, strategic use of mathematics, and an emphasis on analytical reading and writing.	
Instructional Material: <u>:</u> Experience Chemistry from Savvas; ISBN 9781418358891	Grade level: 9 - 12
Required Prerequisites: One unit of High School Science and Algebra I	Credit(s): 1
Suggested prerequisite: Completion of, or concurrent enrollment in, a second year of mathematics	College Hour(s): NA
<u>What's Next?</u> Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	Tier II
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
AP CHEMISTRY AB	7610 AB
This course involves extensive laboratory investigations and advanced topics in Chemistry, such as quantitative	A3040000
analysis, thermodynamics, bonding, ideal gas laws, and stoichiometry. This class prepares students to take the AP	
Chemistry Examination.	
Instructional Material:1733 – Chemistry, 9th Edition ©2014 with OWL, ISBN: 9781133611103, OWL AP Chemistry	Grade level: 10 – 12
Resource Website w eBook; AP Lab Manual ISBN: 9781133611493 National Geographic Learning/Cengage Learning, Inc.	Credit(s): 1
Recommended Prerequisites: Successful completion of a Chemistry course and Algebra II.	College Hour(s): NA
What's Next? Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	Tier I
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
OnRamps CHEMISTRY I AB	7597 AB
This course addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. Throughout	3040000
the course, students will learn how to think like a scientist by exploring the underlying theoretical foundations of	
chemistry, making intuitive arguments for how the world works. May be paired with advanced science lab 7626T	
(Minimum 40% lab). OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students	
(Minimum 40% lab). OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a	Grade level: 9 – 12
(Minimum 40% lab). OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher.	Credit(s): 1
(Minimum 40% lab). OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin	Credit(s): 1 College Hour(s): 4
(Minimum 40% lab). OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: Algebra 1	Credit(s): 1
(Minimum 40% lab). OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. <u>Instructional Material:</u> Selected and provided by the University of Texas at Austin <u>Prerequisites:</u> Algebra 1 <u>What's Next?</u> AP Biology, AP Physics or any advanced science course	Credit(s): 1 College Hour(s): 4 <b>Tier I</b>
(Minimum 40% lab). OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin <u>Prerequisites:</u> Algebra 1 <u>What's Next?</u> AP Biology, AP Physics or any advanced science course <b>OnRamps CHEMISTRY II AB</b>	Credit(s): 1 College Hour(s): 4 Tier I 7593 AB
(Minimum 40% lab). OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: Algebra 1 What's Next? AP Biology, AP Physics or any advanced science course OnRamps CHEMISTRY II AB This course continues the development and application of concepts, theories and laws underlying chemistry that were	Credit(s): 1 College Hour(s): 4 <b>Tier I</b>
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periodicity of elemental properties, atomic structure, chemical bonding, molecular structure, solutions, properties of	
gases, and an introduction to thermodynamics and descriptive chemistry. Laboratory required.	
Instructional Material: N/A	Grade level: 10 – 12
<u>FWISD &amp; TCC Prerequisites:</u> MATH-1314 or equivalent academic preparation TCC Co-Requisite: CHEM-1411 Lab	Credit(s): $0.5$
What's Next? N/A	College Hour(s): 4 hours
Early College High School Grade Placement: 9-12.	Tier I
Course taught by an approved adjunct instructor.	
DUAL CREDIT CHEMISTRY B	7599 B
TCC Course: General Chemistry II (CHEM 1412 and CHEM 1412 Lab)	
This course is a continuation of Chem 1411 & 1411L. Topics covered in this course include: Chemical equilibrium;	03040000
phase diagrams and spectrometry; acid-base concepts; thermodynamics; kinetics; electrochemistry; nuclear chemistry;	
an introduction to organic chemistry and descriptive inorganic chemistry. Laboratory required.	
Instructional Material: N/A	
FWISD & TCC Prerequisites: CHEM-1411 and MATH-1314	Grade level: 10 – 12
<u>TCC Co-Requisite</u> : CHEM-1412 Lab	Credit(s): 0.5
<u>What's Next?</u> N/A	College Hour(s): 4 hours
Early College High School Grade Placement: 9-12.	Tier I
Course taught by an approved adjunct instructor.	
PHYSICS AB	7614 AB
In Physics, students conduct field and laboratory investigations, use scientific practices during investigations, and	03050000
make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that	
include: laws of motion, changes within physical systems and conservation of energy and momentum, forces,	
characteristics and behavior of waves, and electricity and magnetism. Students will apply conceptual knowledge and	
collaborative skills to experimental design, implementation, and interpretation.	Grade level: 10 - 12
Instructional Material: Experience Physics from Savvas; ISBN 9781418358860	Credit(s): 1
Suggested Prerequisites: Successful completion of, or concurrent enrollment in, Algebra II	College Hour(s): NA
<u>What's Next?</u> Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	Tier III
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics. HONORS MODERN PHYSICS ABH	0000 4 811
	0689 ABH
This course is designed for students to use an interdisciplinary approach to explore the physical processes in nature that can only be described by quantum mechanics. This analysis and description are highly mathematical in content.	N1120041
For example, the position of an electron is found in terms of a probability density function. This course will use skills	
and concepts learned in various mathematics courses (Algebra II – Calculus), physics, and computer science. This	
stimulating environment will foster creativity and academic growth well beyond an honors curriculum and will open	
the imagination of students to the science of the 21st century.	
Instructional Material: Suggested Instructional Material(s): Modern Physics for Scientists and Engineers Contact the	Grade level: 11 – 12
content director (Science and/or Mathematics Director, based on content credit to be awarded)	Credit(s): 1
Suggested Prerequisites: Successful completion of AP Physics C, AP Calculus BC. Concurrent enrollment in AP Multi-	College Hour(s): NA
Variable Calculus. Completion of, or concurrent enrollment in, AP Chemistry is beneficial.	Tier I
<u>What's Next?</u> N/A	
AP PHYSICS I AB (Algebra Based)	7625 AB
This algebra-based course is equivalent to a first-semester college algebra-based physics course. The algebra-based	A3050003
course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and	
power; mechanical waves and sound. It will also introduce electric circuits. Prepares students to take the AP Physics 1	
examination.	
Instructional Material: 1749 – AP Edition College Physics: A Strategic Approach, 3rd Edition, ©2015, Media-e-book	Grade level: 10 – 12
version and other online resources, Pearson Education, Inc., ISBN: 9780133539677	Credit(s): 1
Recommended Prerequisites: Successful completion of Algebra I, Geometry and Algebra II	College Hour(s): NA
What's Next? Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	Tier I
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
AP PHYSICS II AB (Algebra Based)	7627 AB
The algebra-based course is equivalent to a second-semester college algebra-based physics. The course covers fluid	A3050004
mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Prepares students to take	
the AP Physics II examination.	
Instructional Material: 1749 – AP Edition College Physics: A Strategic Approach, 3rd Edition, ©2015, Media-e-book	
version and other online resources, Pearson Education, Inc., ISBN: 9780133539677	
Recommended Prerequisites: Successful completion of Physics AB or AP Physics 1	Grade level: 11 – 12
Recommended Co-requisite: Pre-calculus or an equivalent course.	Credit(s): 1
Science Director's approval is required to offer this course new to a campus.	College Hour(s): NA
<u>What's Next?</u> Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	Tier I
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	

AP PHYSICS C - MECHANICS AB	7628 AB
This calculus-based course provides instruction in each of the following six content areas: kinematics; Newton's laws of motion; work and power; systems of particles and linear momentum; circular motion and rotation; and oscillations	A3050006
and gravitation. Prepares students to take the AP Physics C: Mechanics exam.	Grade level: 11 – 12
Instructional Material: 1750 – Physics for Scientists and Engineers, ©2015 9th Edition Media-e-book version and other	Credit(s): 1
online instructional material, National Geographic Learning / Cengage Learning, Inc., ISBN: 9781305335615	College Hour(s): NA
Recommended Prerequisites: Successful completion or concurrent enrollment in a calculus course.	Tier I
What's Next? AP Physics C- Electricity and Magnetism; Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students'	
particular endorsement. NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	7010 40
AP PHYSICS C - ELECTRICITY AND MAGNETISM AB	7618 AB
This calculus-based course provides instruction in each of the following five content areas: electrostatics; conductors;	A3050005
capacitors; and dielectrics; circuits; magnetic fields; and electromagnetism. Prepares students to take the AP Physics C:	
Electricity and Magnetism exam. Instructional Material: 1750 – Physics for Scientists and Engineers, ©2015 9th Edition Media-e-book version and other	Grade level: 11 – 12 Credit(s): 1
online instructional material, National Geographic Learning / Cengage Learning, Inc., ISBN: 9781305335615	College Hour(s): NA
Recommended Prerequisites: Successful completion or concurrent enrollment in a calculus course or AP Physics C-	Tier I
Mechanics.	
What's Next? Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
OnRamps PHYSICS I AB	7613 AB
Students study a variety of topics that include the laws of motion; changes within physical systems; conservation of	03050000
momentum and energy; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear and	0000000
quantum physics. OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students	Grade level: 10-12
meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a	Credit(s): 1
UT faculty member and high school credit from their local teacher. May be paired with advanced science lab 7626T	College Hour(s): 4
(Minimum 40% lab).	Tier I
Instructional Material: Selected and provided by the University of Texas at Austin	
Required Prerequisites: Algebra I and Geometry	
Recommended Prerequisites: Algebra II or Precalculus	
What's Next? Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
OnRamps PHYSICS II AB	STH03724 AB
Students study topics that include electromagnetism, optics, and Nuclear. Students will explore how electric,	A3050004
magnetic, and electromagnetic effects arise from static, uniformly moving and accelerating charges. OnRamps works	
through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college	Grade level: 10-12
readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school	Credit(s): 1
credit from their local teacher. May be paired with advanced science lab 7626T (Minimum 40% lab).	College Hour(s): 3
Instructional Material: Selected and provided by the University of Texas at Austin	Tier I
Required Prerequisites: TEKS-based Physics Course (or OnRamps Physics I or AP Physics I), Algebra II, and Geometry	
Recommended Prerequisites: OnRamps Physics I, AP Physics I, Honors Physics, or PHYS 1301, and Precalculus	
What's Next? Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
HONORS THERMODYNAMICS	7136 AB
The Thermodynamics course is designed as a relatively comprehensive overview of the field of classical	03102502
thermodynamics with some statistical mechanics injected toward the end of the semester to tie in with more modern	
approaches. The class begins with a discussion of what thermodynamics includes, the meaning of certain important	
terms and approaches. The idea of temperature and temperature scales, methods of heat transfer, and the various	Grade level: 10-12
types of thermodynamic processes are discussed. The various laws of thermodynamics are covered, (zeroth, first,	Credit(s): 0.5
second, third) building on knowledge and practical applications of each law as it's introduced to the student. During	College Hour(s): NA
the units, simple laboratory experiments will be utilized to solidify conceptual knowledge.	Tier I
Instructional Material: Thermodynamics – Enrico Fermi, Understanding Thermodynamics – Van Ness	
Prerequisites: Successful completion of Calculus AB plus one of the following: AP Physics 1, On-Ramps Physics 1, or	
AP Physics C Mechanics	
What's Next? N/A	7624.4
DUAL CREDIT PHYSICS A	7624 A
TCC Course: College Physics I (PHYS 1401 and PHYS 1401 Lab)	
Fundamental principles of physics, using algebra and trigonometry; the principles and applications of classical	03050000
mechanics and thermodynamics, including harmonic motion, mechanical waves and sound, physical systems,	
Newton's Laws of Motion, and gravitation and other fundamental forces; with emphasis on problem solving.	
Instructional Material: N/A	
FWISD & TCC Prerequisites: MATH-1314 and MATH-1316 or MATH-2412	Grade level: 11 – 12
TCC Co-Prerequisite: PHYS-1401	Credit(s): 0.5
Early College High School Grade Placement: 10-12	College Hour(s): 4 hours
What's Next? N/A	Tier I

DUAL CREDIT PHYSICS B	7624 B
TCC Course: College Physics II (PHYS 1402 and PHYS 1402 Lab)	
Fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, optics, and modern physics	03050000
topics; with emphasis on problem solving.	
Instructional Material: N/A FWISD & TCC Prerequisites: PHYS-1401	Grade level: 10 – 12
<u>TCC Co-Prerequisite</u> : PHYS-1401 Lab	Credit(s): 0.5
Early College High School Placement: 10-12	College Hour(s): 4 hours
What's Next? N/A	Tier I
Course taught by an approved adjunct instructor.	
AP ENVIRONMENTAL SCIENCE AB	7678 AB
AP Environmental Science stresses scientific principles, concepts, and methodologies required to understand the	A3020000
interrelationships of the natural world, to identify and analyze environmental problems both natural and human made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.	
Instructional Material: Living in the Environment, National Geographic Learning/Cengage Learning, Inc.	Grade level: 11 - 12
Recommended Prerequisites: Algebra, two years of high school laboratory science, including one year of life science	Credit(s): 1
and one year of physical science	College Hour(s): NA
What's Next? Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	Tier I
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
ADVANCED SCIENCE LAB T	7626 T
This course can be taken concurrently with AP science courses if campuses wish to schedule a year-long lab	84800XXX
component to supplement the AP course. It can be paired with the following courses: ST37202, STH03724, 7590,	
7597, 7610, 7625, 7627, 7628, 7613, 7618 and 7678.	Grade level: 10 - 12
Instructional Material: No state adopted instructional material(s)/Contact Director of Science	Credit(s): 0.5
Prerequisites: None	College Hour(s): NA
What's Next? Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	Tier III
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
Local credit course.	7536 48
AQUATIC SCIENCE AB	7536 AB
In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments,	03030000
including natural and human impacts on aquatic systems. Investigations and field work in this course may emphasize	
fresh water or marine aspects of aquatic science depending primarily upon the natural resources available for study	
near the school. Students who successfully complete Aquatic Science acquire knowledge about how the properties of	
water and fluid dynamics affect aquatic ecosystems and acquire knowledge about a variety of aquatic systems. Students who successfully complete Aquatic Science conduct investigations and observations of aquatic	
Students who successfully complete Aquatic Science conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical-thinking and problem-solving skills.	
Instructional Material: STEAM into Aquatic Science HS Edition from TPS Publishing; ISBN 81788053150	Grade level: 10 – 12
Required Prerequisites: One unit of high school Biology.	Credit(s): 1
<u>Suggested prerequisites</u> : Integrated Physics and Chemistry, Chemistry, or concurrent enrollment in either course.	College Hour(s): NA
<u>What's Next?</u> Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	Tier III
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
DUAL CREDIT AQUATIC SCIENCE AB	7537 AB
TCC Course: Oceanography (GEOL 1445 and GEOL 1445 Lab)	
Survey of oceanography and related sciences.	03030000
Instructional Material: N/A	
FWISD Prerequisites: Three (3) units of science (Biology, Chemistry, Physics), one (1) of which may be taken	Grade level: N/A
concurrently.	Credit(s): 1
<u>TCC Co-Prerequisite:</u> GEOL-1455 Lab	College Hour(s): 4 hours
Early College High School Grade Placement: 11-12	Tier I
<u>What's Next?</u> N/A	
Course taught by an approved adjunct instructor.	
EARTH SYSTEMS SCIENCE AB	7538 AB
The Earth Systems Science course is designed to build on students' prior scientific and academic knowledge and skills	03060200
to develop their understanding of Earth's systems. These systems (the atmosphere, hydrosphere, geosphere, and	
biosphere) interact through time to produce the Earth's landscapes, climate, and resources. Students explore the	
geologic history of individual dynamic systems through the flow of energy and matter, their current states, and how	
these systems affect and are affected by human use.	
	Grade level: 11 – 12
<u>Instructional Material:</u> Earth Systems SE for TX from Cengage-National Geographic; ISBN 9798214068763 Required Prerequisites: Algebra I and two credits of high school science.	Grade level: 11 – 12 Credit(s): 1
Instructional Material: Earth Systems SE for TX from Cengage-National Geographic; ISBN 9798214068763	

OnRamps GEOSCIENCE	7534 AB
This course introduces students to the major areas in geoscience and helps them develop critical, creative, and geological problem-solving skills, as applied to 21 <sup>st</sup> century scientific problems. It covers the fundamentals of how the earth works, and how various systems (lithosphere, atmosphere, hydrosphere, and biosphere) interact to form the complex of which we live. OnRamps works through a dual-enrollment model. Using a hybrid delivery approach,	03060200
students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit	Grade level: 11 – 12
from a UT faculty member and high school credit from their local teacher.	Credit(s): 1
Instructional Material: Selected and provided by the University of Texas at Austin	College Hour(s): 3
Required Prerequisites: Biology or IPC	Tier I
<u>Recommended Prerequisites or Corequisite:</u> Chemistry <u>What's Next?</u> Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
DUAL CREDIT EARTH AND SPACE SCIENCE AB	7539 AB
TCC Course: Earth Sciences, Non-Science Majors (GEOL 1401 and GEOL 1401 Lab)	7333 AD
Survey of geology, meteorology, oceanography, and astronomy.	03060200
Instructional Material: N/A	03000200
Prerequisites: Three (3) units of science (Biology, Chemistry, Physics), one (1) of which may be taken concurrently.	Grade level: N/A
<u>TCC Co-Prerequisite:</u> GEOL-1401 Lab	Credit(s): 1
What's Next? N/A	College Hour(s): 4 hours
Early College High School Grade Placement: 11-12	Tier I
Course taught by an approved adjunct instructor.	
HONORS ORGANIC CHEMISTRY AB	7602 ABH
This course is designed for those students seeking higher level learning in chemistry that are planning to pursue a college degree in chemistry, chemical engineering, pharmacy or pre-med associated majors. Organic chemistry will parallel the learning and education of a first semester, college organic chemistry course. By definition, organic chemistry is dedicated to the study of carbon compounds, which include hydrocarbons and fossil fuels. Students who successfully complete organic chemistry will be adequately prepared for the continuing advanced learning of chemistry in a college environment. Independent research is a required component of this honors course.	N1120027
nstructional Material: No state adopted instructional material(s)/FWISD textbook – Organic Chemistry, McMurray	Grade level: 11 – 12
Prerequisites: Recommended that student has successfully completed, or is concurrently enrolled in, AP Chemistry.	Credit(s): 1
<u>What's Next?</u> N/A	College Hour(s): NA
This course counts for State Elective Credit only; therefore, it may not be counted as a required science course.	Tier I
DUAL CREDIT ORGANIC CHEMISTRY A	7604 A
TCC Course: Organic Chemistry I (CHEM 2423 and CHEM 2423 Lab)	
Fundamental principles of organic chemistry will be studied, including the structure, bonding, properties, and reactivity of organic molecules; and properties and behavior of organic compounds and their derivatives. Emphasis is placed on organic synthesis and mechanisms. Includes study of covalent and ionic bonding, nomenclature,	N1120027
stereochemistry, structure and reactivity, reaction mechanisms, functional groups, and synthesis of simple molecules.	
This course is intended for students in science or pre-professional programs.	
Instructional Material: N/A	
FWISD & TCC Prerequisites: CHEM-1412	Grade level: N/A
TCC Co-requisite: CHEM-2423 Lab	Credit(s): 0.5
Early College High School Grade Placement: 11-12	College Hour(s): 4 hours
What's Next? N/A	Tier I
Course taught by an approved adjunct instructor.	
DUAL CREDIT ORGANIC CHEMISTRY B	7604 B
TCC Course: Organic Chemistry II (CHEM 2425 and CHEM 2425 Lab)	
Continuation of CHEM 2423. Advanced principles of organic chemistry will be studied, including the structure,	N1120027
properties, and reactivity of aliphatic and aromatic organic molecules; and properties and behavior of organic	
compounds and their derivatives. Emphasis is placed on organic synthesis and mechanisms. This course is intended	
for students in pre-professional science programs.	
Instructional Material: N/A	
FWISD & TCC Prerequisites: CHEM-1412	Grade level: N/A
T <u>CC Co-Requisite</u> : CHEM-2423 Lab	Credit(s): 0.5
Early College High School Grade Placement: 11-12 What's Next? N/A	College Hour(s): 4 hours Tier I
Course taught by an approved adjunct instructor.	-
ASTRONOMY AB	7706 AB
In Astronomy, students focus on patterns, processes, and relationships among astronomical objects in our universe. Students acquire basic astronomical knowledge and supporting evidence about sun-Earth-Moon relationships, the	03060100
solar system, the Milky Way, the size and scale of the universe, and the benefits and limitations of exploration.	

Instructional Material: Foundations of Astronomy SE 14 <sup>th</sup> Ed. from Cengage-National Geographic; ISBN 9798214080888	Grade level: 11 - 12
Required Prerequisites: Algebra I and Integrated Physics and Chemistry or Chemistry.	Credit(s): 1
What's Next? Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	College Hour(s): NA
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	Tier III
HONORS ASTRONOMY I ABH	7707 ABH
In Honors Astronomy, students develop a deep conceptual understanding of astronomical objects in our universe. As students engage in grade-level Astronomy content described in the Astronomy AB course description, they utilize the scientific reasoning skills needed to analyze the natural world and to succeed in future science and social science courses in high school and college. Multiple opportunities to think and work like scientists include a particular attention to modeling, strategic use of mathematics, and an emphasis on analytical reading and writing.	03060100
Instructional Material: Foundations of Astronomy SE 14 <sup>th</sup> Ed. from Cengage-National Geographic; ISBN 9798214080888	Grade level: 10 - 12
<u>Required Prerequisites:</u> Algebra I and Integrated Physics and Chemistry or Chemistry.	Credit(s): 1
<u>What's Next?</u> Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	College Hour(s): NA
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	Tier II
DUAL CREDIT ASTRONOMY A	7708 A
TCC Course: Stars and Galaxies (PHYS 1403 and PHYS 1403 Lab)	
Study of stars, galaxies, and the universe outside our solar system. Laboratory requires night observations.	03060100
Instructional Material: N/A	05000100
<u>FWISD Prerequisites:</u> Three (3) units of science (Biology, Chemistry, Physics), one of which may be taken concurrently. <u>TCC Co-Requisite:</u> PHYS-1403 Lab <u>What's Next?</u> N/A	Grade level: N/A Credit(s): 0.5 College Hour(s): 4 hours
Early College High School Grade Placement: 11-12	Tier I
Course taught by an approved adjunct instructor.	
DUAL CREDIT ASTRONOMY B	7708 B
TCC Course: Solar System (PHYS 1404 and PHYS 1404 Lab)	
Study of the sun and its solar system, including its origin. Laboratory requires night observations.	03060100
Instructional Material: N/A	
FWISD Prerequisites: Three (3) units of science (Biology, Chemistry, Physics), one (1) of which may be taken	Grade level: N/A
concurrently.	Credit(s): 0.5
T <u>CC Co-Requisite:</u> PHYS-1404 Lab	College Hour(s): 4 hours
What's Next? N/A	Tier I
Early College High School Grade Placement: 11-12	
Course taught by an approved adjunct instructor.	
ENVIRONMENTAL SYSTEMS AB	7676 AB
In Environmental Systems, students conduct field and laboratory investigations, use scientific and engineering practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, natural changes in the environment, and human activities that impact the natural environment.	03020000
Instructional Material: Cunningham's Principles of Environmental Science 2023 from McGraw Hill; ISBN 9780077037482	Grade level: 10 – 12
Required Prerequisites: One unit of high school biology.	Credit(s): 1
Suggested Prerequisites: Integrated Physics and Chemistry, Chemistry, or concurrent enrollment in either course.	College Hour(s): NA
What's Next? Any 3 <sup>rd</sup> or 4 <sup>th</sup> year science credit that is aligned to the students' particular endorsement.	Tier III
NOTE: Students with a STEM endorsement are required to complete chemistry AND physics.	
DUAL CREDIT ENVIRONMENTAL SYSTEMS AB	7680 AB
TCC Course: Environmental Biology (BIOL 2306 and BIOL 2306 Lab)	
TWU Course: Physical Science & Environment (CHE 1404)	
Principles of environmental systems and ecology, including biogeochemical cycles, energy transformations, abiotic	03020000
interactions, symbiotic relationships, natural resources and their management, lifestyle analysis, evolutionary trends,	
hazards and risks, and approaches to ecological research.	
Instructional Material: N/A	
FWISD Prerequisites: Three (3) units of science (Biology, Chemistry, Physics), one (1) of which may be taken concurrently.	
TCC Recommended Prerequisite: MATH-1314	
TCC Required Prerequisite: TSI compliant in Writing, Reading and Mathematics	
T <u>CC Co-Requisite</u> : BIOL-2306 Lab	Grade level: N/A
TWU Prerequisites: Only Offered at Dunbar CHE 1403	Credit(s): 1
Early College High School Grade Placement: 11-12.	College Hour(s): 3 hours
Course taught by an approved adjunct instructor.	Tier I
OnRamps QUANTUM COMPUTING AB	7137 AB
Quantum Computing offers an introduction to the modern science and technological applications of quantum physics. Students will develop a deep understanding of the seemingly bizarre quantum world and how its "weirdness" may be harnessed to solve real-world problems. Students taking this course will acquire unique technical skills in physics programming, cybersecurity, and mathematics as well as valuable soft skills in critical thinking, problem-	031025##

solving, and communication through class activities and group projects. This course lays the conceptual groundwork for STEM majors. Students will experience a high-quality curriculum designed by the faculty at The University of Texas at Austin (UT Austin) and can earn up to three hours of college credit and high school credit from their local teacher. This course will count as a math credit on the high school transcript. However, on the UT Austin college transcript it will be noted as a science credit.

will be noted as a science credit.	
Instructional Material: Selected and provided by the University of Texas at Austin	Grade level 11-12
Prerequisites: Algebra 1, Geometry; Recommended: Algebra II or Precalculus	Credit(s) .05 - 1
What's Next? N/A	College Hour(s) 3
031025##: 1 <sup>st</sup> Time ##=00, 2 <sup>nd</sup> Time ##=01, 3 <sup>rd</sup> Time ##=05	Tier 1
TEXAS PREFRESHMAN ENGINEERING PROGRAM I AB	7421 AB
Available at Texas Wesleyan University and/or Tarrant County Community College, as summer enrichment for high	N1303752
ability students, these courses emphasize study and research in mathematics, engineering, and computer science.	
Preference is given to female students and minority students who have been underrepresented in the field of	
engineering. Note: This course is for state elective credit only, and some students may have earned one or two credits	
in middle school. For this course to count as an elective credit and to be calculated into the student's GPA; each	
student is responsible to provide his/her grade and course information to his/her counselor.	Grade level: 9 - 11
Instructional Material: Textbook(s) and materials provided by the participating university	Credit(s): 1
Prerequisites: Average of 80 or higher in college preparatory mathematics course; teacher recommendation	College Hour(s): 4 hours
<u>What's Next?</u> N/A	Tier III
TEXAS PREFRESHMAN ENGINEERING PROGRAM II AB	7423 AB
Available at Texas Wesleyan University and/or Tarrant County Community College, as summer enrichment for high	N1303753
ability students, these courses emphasize study and research in mathematics, engineering, and computer science.	
Preference is given to female students and minority students who have been underrepresented in the field of	
engineering. Note: This course is for state elective credit only, and some students may have earned one or two credits	
in middle school. For this course to count as an elective credit and to be calculated into the student's GPA; each	Grade level: 9 - 11
student is responsible to provide his/her grade and course information to his/her counselor.	
Instructional Material: Textbook(s) and materials provided by the participating university	Credit(s): 1
Prerequisites: Average of 80 or higher in college preparatory mathematics course; teacher recommendation	College Hour(s): 4 hours
<u>What's Next?</u> N/A	Tier III
TEXAS PREFRESHMAN ENGINEERING PROGRAM III AB	7425 AB
Available at Texas Wesleyan University and/or Tarrant County Community College, as summer enrichment for high	N1303754
ability students, these courses emphasize study and research in mathematics, engineering, and computer science.	
Preference is given to female students and minority students who have been underrepresented in the field of	
engineering. Note: This course is for state elective credit only, and some students may have earned one or two credits	
in middle school. For this course to count as an elective credit and to be calculated into the student's GPA; each	
student is responsible to provide his/her grade and course information to his/her counselor.	Grade level: 9 - 11
Instructional Material: Textbook(s) and materials provided by the participating university	Credit(s): 1
Prerequisites: Average of 80 or higher in college preparatory mathematics course; teacher recommendation	College Hour(s): 4 hours
<u>What's Next?</u> N/A	Tier III
TEXAS PREFRESHMAN ENGINEERING PROGRAM IV AB	7427 AB
Available at Texas Wesleyan University and/or Tarrant County Community College, as summer enrichment for high	N1303755
ability students, these courses emphasize study and research in mathematics, engineering, and computer science.	
Preference is given to female students and minority students who have been underrepresented in the field of	Grade level: 9 - 11
engineering. Note: This course is for state elective credit only, and some students may have earned one or two credits	Credit(s): 1
in middle school. For this course to count as an elective credit and to be calculated into the student's GPA; each	College Hour(s): 4 hours
student is responsible to provide his/her grade and course information to his/her counselor.	Tier III
Instructional Material: Textbook(s) and materials provided by the participating university	

Prerequisites: Average of 80 or higher in college preparatory mathematics course; teacher recommendation

# **CTE COURSES**

Students may repeat the Scientific Research and Design course TEKS with different course content for up to a maximum of three credits. If being taken as their fourth-year science course,

SCIENTIFIC RESEARCH AND DESIGN AB	ST37202 AB
Students may repeat the Scientific Research and Design course TEKS with different course content for up to a maximum of three credits. If being taken as their fourth-year science course, DAP students must successfully	130372##
complete a biology, a chemistry, and a physics course prior to the Scientific Research and Design course or take it	Grade level: 12
concurrently with the third one of these required courses.	HS Credit(s): 1
Instructional Material: Contact the content director (Science and/or CTE Director)	College Hour(s): NA
Prerequisites: To receive 4th year science credit students must have completed two (2) units of science (Biology, and	Tier III
Chemistry or Physics), one (1) of which may be taken concurrently.	
120272##: 1st Time Taken ##=00 2nd Time Taken ##=10 2rd Time Taken ##=20	

130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20

HONORS SCIENTIFIC RESEARCH AND DESIGN AB	STH37202 AB
In addition to meeting the 40% laboratory and fieldwork requirement, students in this course must complete an	130372##
independent research project. It is a required component of the all Honors Scientific Research and Design courses.	
Students taking the course for science credit must register and participate in the Fort Worth Regional Science and	Grade level: 12
Engineering Fair. May also be taught by any certified secondary science teacher, or CTE teacher with a	HS Credit(s): 1
baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231.	College Hour(s): NA
Instructional Material: Contact the content director (Science and/or CTE Director) <u>Prerequisites:</u> To receive 4th year science credit students must have completed two (2) units of science (Biology, and	Tier II
Chemistry or Physics), one (1) of which may be taken concurrently.	
130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
Course taught by locally certified gifted CTE teacher	
SCIENTIFIC RESEARCH AND DESIGN II AB	ST37212 AB
The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical	130372##
practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may	100012
also involve experimentation in a simulated environment as well as field observations that extend beyond the	Grade level: 11 - 12
science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy,	HS Credit(s): 1
power, and transportation; or engineering align with various CTE clusters. Students apply research to problem	College Hour(s): NA
solving and development of prototypes and working models.	Tier III
Instructional Material: Contact the content director (Science and/or CTE Director)	
Prerequisites: To receive 4th year science credit students must have completed two (2) units of science (Biology, and	
Chemistry or Physics), one (1) of which may be taken concurrently.	
Course taught by any certified secondary science teacher or CTE teacher with a baccalaureate degree and 18 semester	
credit hours in any combination of sciences. 19 TAC Chapter 231.	
130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
HONORS SCIENTIFIC RESEARCH AND DESIGN II AB	STH37212 AB
The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical	130372##
practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may	
also involve experimentation in a simulated environment as well as field observations that extend beyond the	Grade level: 12
science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy,	HS Credit(s): 1
power, and transportation; or engineering align with various CTE clusters. Students apply research to problem	College Hour(s): NA
solving and development of prototypes and working models. Special projects are included in this honors level	Tier II
course. Independent research is a required component of the all Honors Scientific Research and Design courses.	
Instructional Material: Contact the content director (Science and/or CTE Director)	
Prerequisites: To receive 4th year science credit students must have completed two (2) units of science (Biology, and	
Chemistry or Physics), one (1) of which may be taken concurrently.	
130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
Course taught by locally certified gifted CTE teacher (May be taught by any certified secondary science teacher or	
CTE teacher with a baccalaureate degree and 18 semester credit hours	
SCIENTIEIC DESEADCH ANN DESIGN III AR	ST37222 AB
The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical	130372##
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The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the	130372## Grade level: 11 - 12
The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy,	130372## Grade level: 11 - 12 HS Credit(s): 1
The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem	130372## Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA
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The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models.	130372## Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA
The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. Instructional Material: Contact the content director (Science and/or CTE Director) Prerequisites: To receive 4th year science credit students must have completed two (2) units of science (Biology, and	130372## Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA
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The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. Instructional Material: Contact the content director (Science and/or CTE Director) Prerequisites: To receive 4th year science credit students must have completed two (2) units of science (Biology, and Chemistry or Physics), one (1) of which may be taken concurrently. Course taught by any certified secondary science teacher or CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 HONORS SCIENTIFIC RESEARCH AND DESIGN III AB The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, 200, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem	130372## Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>STH37222 AB</b> 130372## Grade level: 12 HS Credit(s): 1
The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. Instructional Material: Contact the content director (Science and/or CTE Director) Prerequisites: To receive 4th year science credit students must have completed two (2) units of science (Biology, and Chemistry or Physics), one (1) of which may be taken concurrently. Course taught by any certified secondary science teacher or CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 HONORS SCIENTIFIC RESEARCH AND DESIGN III AB The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, also involve experimentation in a aimulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. Special projects are included	130372## Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>STH37222 AB</b> 130372## Grade level: 12 HS Credit(s): 1 College Hour(s): NA
The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. <u>Instructional Material:</u> <i>Contact the content director (Science and/or CTE Director)</i> <u>Prerequisites:</u> To receive 4th year science credit students must have completed two (2) units of science (Biology, and Chemistry or Physics), one (1) of which may be taken concurrently. <i>Course taught by any certified secondary science teacher or CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 <b>HONORS SCIENTIFIC RESEARCH AND DESIGN III AB</b> The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. III AB</i>	130372## Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>STH37222 AB</b> 130372## Grade level: 12 HS Credit(s): 1
The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. <u>Instructional Material:</u> <i>Contact the content director (Science and/or CTE Director)</i> <u>Prerequisites:</u> To receive 4th year science credit students must have completed two (2) units of science (Biology, and Chemistry or Physics), one (1) of which may be taken concurrently. <i>Course taught by any certified secondary science teacher or CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 HONORS SCIENTIFIC RESEARCH AND DESIGN III AB The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align</i>	130372## Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>STH37222 AB</b> 130372## Grade level: 12 HS Credit(s): 1 College Hour(s): NA
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The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. Instructional Material: Contact the content director (Science and/or CTE Director) Prerequisites: To receive 4th year science credit students must have completed two (2) units of science (Biology, and Chemistry or Physics), one (1) of which may be taken concurrently. Course taught by any certified secondary science teacher or CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 HONORS SCIENTIFIC RESEARCH AND DESIGN III AB The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communicatior; constructior; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. Special projects are included in this honors level course. Independent research is a required component of all the Honors Scientific Research and Design courses. Instructional Material: Contact the content director (Science and/or CTE Director) Prer	130372## Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>STH37222 AB</b> 130372## Grade level: 12 HS Credit(s): 1 College Hour(s): NA
The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. Instructional Material: Contact the content director (Science and/or CTE Director) Prerequisites: To receive 4th year science credit students must have completed two (2) units of science (Biology, and Chemistry or Physics), one (1) of which may be taken concurrently. Course taught by any certified secondary science teacher or CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 HONORS SCIENTIFIC RESEARCH AND DESIGN III AB The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. Special projects are included in this honors level course. Independent research is a required component of all the Honors Scientific Research and Design courses. Instructional Material: Contact the content director (Science and/or CTE Director) Prer	130372## Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>STH37222 AB</b> 130372## Grade level: 12 HS Credit(s): 1 College Hour(s): NA
The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. Instructional Material: Contact the content director (Science and/or CTE Director) Prerequisites: To receive 4th year science credit students must have completed two (2) units of science (Biology, and Chemistry or Physics), one (1) of which may be taken concurrently. Course taught by any certified secondary science teacher or CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 HONORS SCIENTIFIC RESEARCH AND DESIGN III AB The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communicatior; constructior; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. Instructional Material: Contact the content director (Science and/or CTE Director) Prerequisites: To receive 4th year science credit students must have completed two (2) units of science (Biology, and Chemistry or Physics), one (1) of which may be t	130372## Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>STH37222 AB</b> 130372## Grade level: 12 HS Credit(s): 1 College Hour(s): NA

Course taught by locally certified gifted CTE teacher (May be taught by CTE teacher with a baccalaureate degree and 18 semester credit hours

SCIENTIFIC RESEARCH AND DESIGN: INTRODUCTION TO CELL BIOLOGY AB	7578 AB
his course provides an intricate introduction to cells and cellular processes. The course is meant to provide	130372##
advanced science students the opportunity to engage in advanced experimentation. This course will introduce	
cientific research journal articles and give students the opportunity to assess and write about summary articles. This	
course is based upon TEKS developed by the teachers.	
nstructional Material: No state-adopted textbook	
Prerequisites: Students should have completed or be concurrently enrolled in AP Biology, Medical	Grade level: 11 – 12
/icrobiology/Pathobiology, or AP Chemistry.	Credit(s): 1
Vhat's Next? University level course in Biology or enrollment in Medical Microbiology/Pathobiology or	College Hour(s): NA
AP Biology	Tier I
eachers teaching this course must be Composite Science or Biology certified, with some college work in Cell Biology.	
Offered only at: Paschal	
30372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
DUAL CREDIT SCIENTIFIC RESEARCH AND DESIGN A	STD37202 A
CC Course: Biology for Science Majors I (BIOL 1406 and BIOL 1406 Lab)	
undamental principles of living organisms will be studied, including physical and chemical properties of life,	130372##
rganization, function, evolutionary adaptation, and classification. Concepts of reproduction, genetics, and scientific	
easoning are included.	
nstructional Material: TBD	Grade level: N/A
WISD Prerequisites: Three (3) units of science (Biology, Chemistry, Physics), one (1) of which may be taken	Credit(s): 0.5
poncurrently.	College Hour(s): 4 hours
<u>CC Recommended Prerequisites:</u> MATH 1314	Tier I
<u>CC Required Prerequisites:</u> TSI compliant in Writing, Reading and Mathematics	
CC Co-requisite: BIOL 1406 Lab	
igh School Early College Placement: 10-11	
<u>Vhat's Next?</u> N/A Course taught by an approved adjunct instructor.	
30372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
	CTD 37366 5
DUAL CREDIT SCIENTIFIC RESEARCH AND DESIGN B	STD37202 B
CC Course: Biology for Science Majors I (BIOL 1407 and BIOL 1407 Lab)	
iontinuation of BIOL-1406. The diversity and classification of life will be studied, including animals, plants, protists,	130372##
ungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and	
nimals.	
nstructional Material: TBD	Grade level: N/A
<u>WISD Prerequisites:</u> Three (3) units of science (Biology, Chemistry, Physics), one (1) of which may be taken	Credit(s): 0.5
oncurrently.	College Hour(s): 4 hours
CC Prerequisites: TSI compliant in Writing, Reading and Mathematics	Tier I
<u>CC Co-requisite:</u> BIOL 1406 Lab.	
arly College High School Grade Placement: 10-11	
<u>Vhat's Next?</u> N/A Course taught by an approved adjunct instructor.	
30372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
UAL CREDIT SCIENTIFIC RESEARCH AND DESIGN A: BIOLOGY FOR NON-SCIENCE MAJORS A	STD1408A
CC Course: Biology for Non-Science Majors I (BIOL 1408 and BIOL 1408 Lab)	STD1408
rovides a survey of biological principles with an emphasis on humans, including chemistry of life, cells, structure,	130372##
unction, and reproduction. Laboratory activities will reinforce a survey of biological principles with an emphasis on	130372##
umans, including chemistry of life, cells, structure, function, and reproduction.	
	Grade level: N/A
Instructional Material: TBD	,
WISD Prerequisites: Biology and Chemistry and/or Physics	Credit(s): 0.5
<u>CC Recommended Prerequisites:</u> None	College Hour(s): 4 hours
<u>CC Required Prerequisites:</u> TSI compliant in Writing, Reading and Mathematics	Tier I
<u>CC Co-requisite</u> : None	
arly College High School Grade Placement: 11-12	
<u>/hat's Next?</u> N/A	
ourse taught by an approved adjunct instructor.	
30372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
UAL CREDIT SCIENTIFIC RESEARCH AND DESIGN B: BIOLOGY FOR NON-SCIENCE MAJORS B	STD1409B
CC Course: Biology for Non-Science Majors II (BIOL 1409 and BIOL 1409 Lab)	STD1409
his course will provide a survey of biological principles with an emphasis on humans, including evolution, ecology,	130372##
lant and animal diversity, and physiology. Laboratory activities will reinforce a survey of biological principles with	
n emphasis on humans, including evolution, ecology, plant and animal diversity, and physiology	
	(Trade level: NI/A
nstructional Material: TBD	Grade level: N/A Credit(s): 0.5
n emphasis on humans, including evolution, ecology, plant and animal diversity, and physiology. <u>Instructional Material:</u> <i>TBD</i> <u>WISD Prerequisites:</u> Biology and Chemistry and/or Physics <i>CC</i> Recommended Prerequisites: Name	Credit(s): 0.5
nstructional Material: TBD WISD Prerequisites: Biology and Chemistry and/or Physics CC Recommended Prerequisites: None	Credit(s): 0.5 College Hour(s): 4 hours
nstructional Material: TBD WISD Prerequisites: Biology and Chemistry and/or Physics	Credit(s): 0.5

Early College High School Grade Placement: 11-12	
What's Next? N/A	
Course taught by an approved adjunct instructor.	
130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	<b>ABD</b> 4 4 4 4
DUAL CREDIT SCIENTIFIC RESEARCH AND DESIGN A: GENERAL CHEMISTRY A	STD1411A
TCC Course: General Chemistry I (CHEM 1411 and CHEM 1411 Lab)	STD1411LA
Fundamental principles of chemistry for majors in the sciences, health sciences, and engineering; topics include measurements, fundamental properties of matter, states of matter, chemical reactions, chemical stoichiometry,	130372##
periodicity of elemental properties, atomic structure, chemical bonding, molecular structure, solutions, properties of	
gases, and an introduction to thermodynamics and descriptive chemistry. Basic laboratory experiments supporting	
heoretical principles in lecture; introduction of the scientific method, experimental design, data collection and	
analysis, and preparation of laboratory reports.	
nstructional Material: TBD	Grade level: N/A
FWISD Prerequisites: Biology and Chemistry and/or Physics	Credit(s): 0.5
TCC Recommended Prerequisites: High School Chemistry	College Hour(s): 4 hours
<u>TCC Required Prerequisites:</u> MATH 1314 or equivalent academic preparation; TSI compliant in Writing, Reading and Mathematics	Tier I
T <u>CC Co-requisite:</u> None	
Early College High School Placement: 11-12	
What's Next? N/A	
Course taught by an approved adjunct instructor.	
130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
DUAL CREDIT SCIENTIFIC RESEARCH AND DESIGN B: GENERAL CHEMISTRY B	STD1412B
TCC Course: General Chemistry II (CHEM 1412 and CHEM 1412 Lab)	STD1412
Chemical equilibrium; phase diagrams and spectrometry; acid-base concepts; thermodynamics; kinetics;	130372##
electrochemistry; nuclear chemistry; an introduction to organic chemistry and descriptive inorganic chemistry. Basic	
aboratory experiments supporting theoretical principles presented in lecture; introduction of the scientific method,	
experimental design, chemical instrumentation, data collection and analysis, and preparation of laboratory reports.	
Instructional Material: TBD	Grade level: N/A
FWISD Prerequisites: Biology and Chemistry and/or Physics	Credit(s): 0.5
TCC Recommended Prerequisites: None	College Hour(s): 4 hours
TCC Required Prerequisites: CHEM 1411; TSI compliant in Writing, Reading and Mathematics	Tier I
T <u>CC Co-requisite:</u> None	
Early College High School Placement: 11-12 What's Next? N/A	
Course taught by an approved adjunct instructor.	
130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
DUAL CREDIT SCIENTIFIC RESEARCH AND DESIGN A: COLLEGE PHYSICS I	STD1401A
TCC Course: College Physics I (PHYS 1401 and PHYS 1401 Lab)	STD1401
Fundamental principles of physics, using algebra and trigonometry; the principles and applications of classical	130372##
mechanics and thermodynamics, including harmonic motion, mechanical waves and sound, physical systems,	100012
Newton's Laws of Motion, and gravitation and other fundamental forces; with emphasis on problem solving.	
Laboratory activities will reinforce fundamental principles of physics, using algebra and trigonometry; the principles	
and applications of classical mechanics and thermodynamics, including harmonic motion, mechanical waves and	
sound, physical systems, Newton's Laws of Motion, and gravitation and other fundamental forces; emphasis will be	
on problem solving.	
nstructional Material: TBD	Grade level: N/A
EWISD Prerequisites: Biology and Chemistry and/or Physics	Credit(s): 0.5
<u>TCC Recommended Prerequisites:</u> None <u>TCC Required Prerequisites:</u> MATH 1314 and MATH 1316 or MATH 2412; TSI compliant in Writing, Reading and	College Hour(s): 4 hours <b>Tier I</b>
Mathematics	THE T
ICC Co-requisite: None	
Early College High School Placement: 11-12	
What's Next? N/A	
Course taught by an approved adjunct instructor.	
130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
DUAL CREDIT SCIENTIFIC RESEARCH AND DESIGN B: COLLEGE PHYSICS II	STD1402B
TCC Course: College Physics II (PHYS 1402 and PHYS 1402 Lab)	STD1402
Fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and	130372##
magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, optics, and modern physics	
topics; with emphasis on problem solving. Laboratory activities will reinforce fundamental principles of physics,	
using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits,	
electrostatics, electromagnetism, waves, sound, light, optics, and modern physics topics; with emphasis on problem	
olving.	

nstructional Material: TBD FWISD Prerequisites: Biology and Chemistry and/or Physics	Grade level: N/A Credit(s): 0.5
<u>FCC Recommended Prerequisites:</u> None <u>FCC Required Prerequisites:</u> PHYS 1401; TSI compliant in Writing, Reading and Mathematics	College Hour(s): 4 hours <b>Tier I</b>
<u>ICC Co-requisite:</u> None Early College High School Placement: 11-12	lier i
<u>What's Next?</u> N/A Course taught by an approved adjunct instructor.	
130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
HONORS SCIENTIFIC RESEARCH AND DESIGN PROJECT BASED RESEARCH IN BOTANY AND	STH30372 AB
SUSTAINABLE HORTICULTURE AB/H	
Student project-based research to be conducted working with local outside nonprofit research institutes such as	130372##
BRIT (Botanical Research Institute of Texas), Seed to Table, Gardening Guerillas, Urban Planning, and TRA (Trinity River Authority)	
nstructional Material: Contact the content director (Science and/or CTE Director)	
Prerequisites: Successful completion of Biology, Chemistry, and Physics. Successful completion of Algebra II and Pre-	Grade level: 11-12
Calculus, or concurrent enrollment in Pre-Calculus.	Credit(s): 1.0
<u>What's Next?</u> N/A	College Hour(s): NA
Students taking the course for science credit should register and participate in the Fort Worth Regional Science and Engineering Fair. This course has science content and skill equal to AP and Dual Credit courses. Contact the content director (Science and/or CTE Director) based on content credit to be awarded.	Tier I
130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
HONORS SCIENTIFIC RESEARCH AND DESIGN SCIENCE TALENT SEARCH - YEAR 1 AB	STH03722 AB
Regeneron STS is a prestigious science research completion where young scientists present original research to	130372##
nationally recognized professional scientists. In year one, students select their original research project and begin their research for entry.	130372""
nstructional Material: Contact the content executive director (Science)	Grade level: 10-12
Prerequisites: Teacher's approval	Credit(s): 1.0
<u>What's Next?</u> N/A	College Hour(s): NA
This course has science content and skill equal to AP and Dual Credit courses. Contact Science and the CTE Director.	Tier I
130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
HONORS SCIENTIFIC RESEARCH AND DESIGN SCIENCE TALENT SEARCH - YEAR 2 AB	STH03712 AB
Regeneron STS is a prestigious science research completion where young scientists present original research to nationally recognized professional scientists. In year one, students select their original research project and begin	130372##
their research for entry.	0 1 1 10 10
nstructional Material: Contact the content executive director (Science)	Grade level: 10-12
<u>Prerequisites:</u> Teacher's approval What's Next? N/A	Credit(s): 1.0 College Hour(s): NA
Students taking the course for science credit must register and participate in the Fort Worth Regional Science and	Tier I
Engineering Fair. This course has science content and skill equal to AP and Dual Credit courses. Contact the content	
director (Science and/or CTE Director) based on content credit to be awarded.	
130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	
HONORS SCIENTIFIC RESEARCH AND DESIGN: INTERACTION OF RADIATION WITH MATTER I AB	7709 AB
Designed to allow students who have displayed higher levels of science and mathematics mastery to extend their	13037200
skills across several academic disciplines. This course will use skills and concepts learned in biology (e.g. cell theory,	
molecular interaction), physics (e.g. atomic structure, types of radiation) and various mathematics courses (algebra,	
calculus). Independent research is a required component of this honors course. <u>nstructional Material:</u> Contact the content director (Science and/or CTE Director)	
Prerequisites: Successful completion of Biology, Chemistry and Geometry. Successful completion, or concurrently	
aking, Algebra II or an equivalent course. Concurrent enrollment in AP Physics I or II.	Grade level: 11 – 12 Credit(s): 1
<u>Nhat's Next?</u> N/A	
<u>Mhat's Next?</u> N/A Teacher must be certified in science for the student to receive the science credit.	College Hour(s): NA
	Tier I
Teacher must be certified in science for the student to receive the science credit. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 ANATOMY AND PHYSIOLOGY AB	Tier I HS02062 AB
Teacher must be certified in science for the student to receive the science credit. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 ANATOMY AND PHYSIOLOGY AB n Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during nvestigations, and make informed decisions using critical thinking and scientific problem solving. Students in	Tier I
Teacher must be certified in science for the student to receive the science credit. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 ANATOMY AND PHYSIOLOGY AB In Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during nvestigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the nteraction of body systems for maintaining homeostasis.	Tier I HS02062 AB 13020600
Teacher must be certified in science for the student to receive the science credit. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 ANATOMY AND PHYSIOLOGY AB In Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during nvestigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the nteraction of body systems for maintaining homeostasis. <u>nstructional Material:</u> TBD	Tier I HS02062 AB 13020600 Grade level: 11 - 12
Teacher must be certified in science for the student to receive the science credit. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 ANATOMY AND PHYSIOLOGY AB In Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during nvestigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the nteraction of body systems for maintaining homeostasis. <u>nstructional Material:</u> TBD Prerequisites: Two (2) units of science (Biology, and Chemistry or Physics), one of which may be taken concurrently.	Tier I HS02062 AB 13020600 Grade level: 11 - 12 HS Credit(s): 1
Teacher must be certified in science for the student to receive the science credit. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 ANATOMY AND PHYSIOLOGY AB In Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during nvestigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the nteraction of body systems for maintaining homeostasis. <u>nstructional Material:</u> TBD Prerequisites: Two (2) units of science (Biology, and Chemistry or Physics), one of which may be taken concurrently. Anatomy and Physiology may be taught by any CTE teacher certified in Health Science Technology Education or	Tier I HS02062 AB 13020600 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA
Teacher must be certified in science for the student to receive the science credit. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 ANATOMY AND PHYSIOLOGY AB n Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during nvestigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the nteraction of body systems for maintaining homeostasis. <u>nstructional Material:</u> TBD <u>Prerequisites:</u> Two (2) units of science (Biology, and Chemistry or Physics), one of which may be taken concurrently. Anatomy and Physiology may be taught by any CTE teacher certified in Health Science Technology Education or Vocational Health Occupations with a baccalaureate degree and 18 semester credit hours in any combination of sciences.	Tier I HS02062 AB 13020600 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA Tier III
Teacher must be certified in science for the student to receive the science credit. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 ANATOMY AND PHYSIOLOGY AB n Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during nvestigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the nteraction of body systems for maintaining homeostasis. <u>nstructional Material:</u> TBD <u>Prerequisites:</u> Two (2) units of science (Biology, and Chemistry or Physics), one of which may be taken concurrently. Anatomy and Physiology may be taught by any CTE teacher certified in Health Science Technology Education or Vocational Health Occupations with a baccalaureate degree and 18 semester credit hours in any combination of sciences. HONORS ANATOMY AND PHYSIOLOGY AB	Tier I HS02062 AB 13020600 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA Tier III HSH02062 ABH
Teacher must be certified in science for the student to receive the science credit. 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 ANATOMY AND PHYSIOLOGY AB n Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during nvestigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the nteraction of body systems for maintaining homeostasis. <u>nstructional Material:</u> TBD <u>Prerequisites:</u> Two (2) units of science (Biology, and Chemistry or Physics), one of which may be taken concurrently. Anatomy and Physiology may be taught by any CTE teacher certified in Health Science Technology Education or Vocational Health Occupations with a baccalaureate degree and 18 semester credit hours in any combination of sciences.	Tier I HS02062 AB 13020600 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA Tier III

credit hours in any combination of sciences. It may also be taught by a certified secondary science teacher	
credit hours in any combination of sciences. It may also be taught by a certified secondary science teacher.	HS Credit(s): 1
19 TAC Chapter 231 nstructional Material: TBD	College Hour(s): NA Tier II
Prerequisites: Two (2) units of science (Biology, and Chemistry or Physics), one (1) of which may be taken concurrently.	i ler li
<i>Course taught by locally certified gifted CTE teacher.</i>	
DUAL CREDIT ANATOMY AND PHYSIOLOGY A	HSD02062 A
ICC Course: Anatomy and Physiology I (BIOL 2401 and BIOL 2401 Lab)	
Anatomy and Physiology I is the first part of a two-course sequence. It is a study of the structure and function of	13020600
numan body including cells, tissues and organs of the following systems: integumentary, skeletal, muscular, nervous	
nd special senses. Emphasis in on the interrelationships among systems and regulation of physiological functions	
nvolved in maintaining homeostasis. Content may be either integrated or specialized. Laboratory experiments in	
ertebrate physiology and the dissection of a mammal. nstructional Material: <i>NA</i>	
<u>Instructional Material</u> IVA WISD Prerequisites: Two (2) units of science (biology, chemistry, physics) one of which may be taken concurrently.	
<u>CC Prerequisites:</u> TSI compliant in Writing, Reading, and Mathematics.	Grade level: 10 - 12
<u>CC Co-requisites:</u> BIOL 2401 Lab	HS Credit(s): 0.5
arly College High School Placement: 10-12	College Hour(s): 4 hours
Course taught by an approved adjunct instructor.	Tier I
DUAL CREDIT ANATOMY AND PHYSIOLOGY B	HSD02062 B
CC Course: Anatomy and Physiology II (BIOL 2402 and BIOL 2402 Lab)	
Continuation of BIOL-2401. It is a study of the structure and function of the human body including the following	13020600
systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including	
luid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on nterrelationships among systems and regulation of physiological functions involved in maintaining homeostasis.	
nstructional Material: NA	
WISD Prerequisites: Two (2) units of science (biology, chemistry, physics) one of which may be taken concurrently.	Grade level: 10 - 12
<u>CC Prerequisites:</u> TSI compliant in Writing, Reading, and Mathematics.	HS Credit(s): 0.5
<u>CC Co-requisites:</u> BIOL 2401 Lab	College Hour(s): 4 hours
Early College High School Placement: 10-12	Tier I
Course taught by an approved adjunct instructor.	
ENGINEERING DESIGN AND PROBLEM SOLVING AB	ST37302 AB
Various engineering disciplines address a broad spectrum of design problems using specific concepts from the	13037300
sciences and mathematics to derive a solution. The design process and problem solving are inherent to all engineering disciplines. Engineering Design and Problem Solving reinforces and integrates skills learned in previous	
mathematics and science courses. This course emphasizes solving problems, moving from well-defined toward more	
open ended, with real-world application. Students apply critical-thinking skills to justify a solution from multiple	
open ended, with real-world application. Students apply critical-thinking skills to justify a solution from multiple design options. Additionally, the course promotes interest in and understanding of career opportunities in	
	Grade level: 12
design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to	HS Credit(s): 1
design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to nvestigate, design, plan, create, and evaluate solutions. At the same time, this course fosters awareness of the social	HS Credit(s): 1 College Hour(s): NA
design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to nvestigate, design, plan, create, and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implications of technological development.	HS Credit(s): 1
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design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to nvestigate, design, plan, create, and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implications of technological development. <u>Instructional Material:</u> <i>TBD</i> <u>Prerequisites:</u> Two (2) units of science (Biology, and Chemistry or Physics), one (1) of which may be taken concurrently; Geometry and Algebra II. <i>Course taught by a certified secondary science teacher, or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, D.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>HONORS ENGINEERING DESIGN AND PROBLEM SOLVING AB</b> In this course, students conduct laboratory and field investigations, use scientific investigations, and make informed decisions using critical thinking and scientific problem solving. In addition to the course requirements of Engineering Design and Problem Solving, the student will produce projects in defined areas of engineering including buoyancy, stress construction and aerodynamics. In this course, students conduct laboratory and field investigations, use</i>	HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> STH37302 ABH 13037300 Grade level: 12 HS Credit(s): 1
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<ul> <li>design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to investigate, design, plan, create, and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implications of technological development.</li> <li><u>nstructional Material:</u> <i>TBD</i></li> <li><u>Prerequisites:</u> Two (2) units of science (Biology, and Chemistry or Physics), one (1) of which may be taken concurrently; Geometry and Algebra II.</li> <li><i>Course taught by a certified secondary science teacher, or any CTE teacher with a baccalaureate degree and the senseter credit hours in any combination of sciences. 19 TAC Chapter 231.</i></li> <li>Differed at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, D.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA</li> <li>HONORS ENGINEERING DESIGN AND PROBLEM SOLVING AB</li> <li>n this course, students conduct laboratory and field investigations, use scientific investigations, and make informed lecisions using critical thinking and scientific problem solving. In addition to the course requirements of Engineering Design and Problem Solving, the student will produce projects in defined areas of engineering including buoyancy, tress construction and aerodynamics. In this course, students conduct laboratory and field investigations using critical thinking and scientific problem solving.</li> <li>nstructional Material: Engineering Fundamentals: An Introduction to Engineering, 4th Edition; Cengage Delmar earning; ISBN: 9781439062081</li> </ul>	HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> STH37302 ABH 13037300 Grade level: 12 HS Credit(s): 1 College Hour(s): NA
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tudents in Medical Microbiology explore the microbial world, studying topics such as pathogenic and non- athogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and merging diseases. Pathogenic and nonpathogenic organisms will be identified to assist in the understanding of becific diseases, causative agents, and treatment options. Activities will include a variety of lab experiences esigned to build microbiology lab skills and techniques. In this course, students conduct laboratory and field evestigations, use scientific methods during investigations, and make informed decisions using critical thinking and cientific problem solving. Instructional Material: <i>TBD</i> rerequisites: Biology and Chemistry his course may be taught by a certified secondary science teacher or any CTE teacher certified in Health Science Technol realth Occupations with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC IONORS MEDICAL MICROBIOLOGY AB	5,7
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addition to the regular course curriculum, students in this honors course will complete a project using the five	LICULODO74 ADU
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hases of project management used in the business and industry environment or following scientific investigation	
rocedures.	
nstructional Material: Microbiology, an Introduction, 6th Edition, Prentice/Hall	Grade level: 11 - 12
rerequisites: Biology and Chemistry	
ourse taught by locally certified gifted CTE teacher This course may be taught by a certified secondary science teacher r any CTE teacher certified in Health Science Technology Education or Vocational Health Occupations with a	HS Credit(s): 1
accalaureate degree and 18 semester credit hours in any combination of vocational Health Occupations with a	College Hour(s): NA <b>Tier II</b>
ULAL CREDIT MEDICAL MICROBIOLOGY T	HSD02071 T
<b>CC Course:</b> Microbiology for Non-Science Majors (BIOL 2420 and BIOL 2420 Lab) his course covers basic microbiology and immunology and is primarily directed at pre-nursing, pre-allied health,	13020700
nd non-science majors. It provides an introduction to historical concepts of the nature of microorganisms,	13020700
na non-science majors. It provides an introduction to historical concepts of the nature of microorganisms, nicrobial diversity, the importance of microorganisms and cellular agents in the biosphere, and their roles in human	
nd animal diseases. Major topics include bacterial structure as well as growth, physiology, genetics, and	
iochemistry of microorganisms. Emphasis is on medical microbiology, infectious diseases, and public health.	
istructional Material: NA	Grade level: 11 - 12
<u>Istructional Material.</u> WA <u>WISD Prerequisites:</u> Three (3) units of science (biology, Chemistry, Physics) one of which may be taken concurrently.	HS Credit(s): 0.5
CC Prerequisites: TSI compliant in Writing, Reading, and Mathematics.	College Hour(s): 4 hours
CC Co-requisites: BIOL 2420 Lab	Tier I
arly College High School Grade Placement: 11-12	
ourse taught by an approved adjunct instructor.	
ATHOPHYSIOLOGY AB	HS20801 AB
Pathophysiology, students conduct laboratory and field investigations, use scientific methods during	13020800
ivestigations, and make informed decisions using critical thinking and scientific problem solving. Students in	
athophysiology study disease processes and how humans are affected. Emphasis is placed on prevention and	Grade level: 11 - 12
eatment of disease. Students will differentiate between normal and abnormal physiology.	HS Credit(s): 1
structional Material: Human Disease 4th edition; Cengage Learning; ISBN: 9781285065922	College Hour(s): NA
rerequisites: Biology and Chemistry; Principles of Health Science	Tier III
th year science credit.	
IONORS PATHOPHYSIOLOGY AB	HSH20801 AB
addition to the regular course curriculum, students in this honors course will complete a project using the five	13020800
hases of project management used in the business and industry environment.	
structional Material: Human Disease 4th edition; Cengage Learning; ISBN: 9781285065922	Grade level: 11 - 12
rerequisites: Biology and Chemistry; Principles of Health Science	HS Credit(s): 1
th year science credit.	College Hour(s): NA
ourse taught by locally certified gifted CTE teacher.	Tier II
DVANCED ANIMAL SCIENCE AB	AG00702 AB
this course, students conduct laboratory and field investigations, use scientific methods during investigations, and	13000700
hake informed decisions using critical thinking and scientific problem solving. This course examines the	
terrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed	Grade level: 12
allow for the application of scientific and technological aspects of animal science through field and laboratory	HS Credit(s): 1
xperiences. Teacher must be certified in Agriculture and highly qualified or meet HOUSE in science.	College Hour(s): NA
istructional Material: Contact CTE director	Tier III
rerequisites: two (2) units of science (Biology, and Chemistry or Physics) one of which may be taken concurrently.	
vestock Production; Equine Science, or Small Animal Management	
ffered only at: Arlington Heights and Diamond Hill-Jarvis	
IONORS ADVANCED ANIMAL SCIENCE AB	AGH00702 AB
addition to the regular course curriculum, students in this honors course will complete a project using the five	13000700

Instructional Material: Contact CTE director	Grade level: 12
<u>Prerequisites:</u> two (2) units of science (Biology, and Chemistry or Physics), one of which may be taken concurrently. Livestock Production or Equine Science	HS Credit(s): 1 College Hour(s): NA
Course taught by locally certified gifted CTE teacher.	Tier II
Offered only at: Arlington Heights and Diamond Hill-Jarvis	
DUAL CREDIT ADVANCED PLANT AND SOIL SCIENCE A	AGD02102 A
TCC Course: Soil Science (AGCR 2418)	
Introduction to physical, chemical, and biological properties of soils. Topics include the relationship between crops and soils, conservation of soil and water resources, and the economic use of fertilizer.	13002100
FWISD Prerequisites: Three (3) units of science, one (1) of which may be taken concurrently.	Grade level: 12
Horticulture Science I and/or Landscape Design and Turf Management	HS Credit(s): 0.5
Instructional Material: NA	College Hour(s): 4 hours
Course taught by an approved adjunct instructor.	Tier I
Offered only at: Marine Creek Collegiate HS	
DUAL CREDIT ADVANCED PLANT AND SOIL SCIENCE B	AGD02102 B
ICC Course: Soil Fertility and Fertilizers (HALT 2318)	
An in-depth study of the chemistry, soil interaction, plant uptake and utilization of essential plant nutrients. Topics nclude deficiency and toxicity symptoms, and the selection application, and characteristics of fertilizer materials.	13002100
WISD Prerequisites: Three (3) units of science, one (1) of which may be taken concurrently.	Grade level: 12
Horticulture Science I and/or Landscape Design and Turf Management	HS Credit(s): 0.5
TCC Recommended Prerequisites: HALT 1301	College Hour(s): 3 hours
Course taught by an approved adjunct instructor.	Tier I
Offered only at: Marine Creek Collegiate HS	
FOOD SCIENCE AB (FOODSC1 AB)	HT23002 AB
n Food Science students conduct laboratory and field investigations, use scientific methods during investigations,	13023000
and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of	
oods for the consuming public. Upon completion of this course, students will be prepared to take the ServSafe	Grade level: 12
Food Safety Certification Exam. The course should be taught in a kitchen laboratory with some industrial equipment	HS Credit(s): 1
to provide the students with real-world experience in commercial foods. CTE teacher should meet HOUSE NCLB	College Hour(s): NA
qualifications or can be science certified.	Tier III
nstructional Material: TBD	
Prerequisites: Three units of science, including chemistry and biology, and Culinary Arts I or Hospitality Services	
Offered only at: North Side, Paschal, Polytechnic, South Hills, Trimble Tech, and OD Wyatt	
HONORS FOOD SCIENCE AB (FOODSC1 AB/H)	HTH23002 AB
In addition to the regular course curriculum, students in this honors course will complete a project using the five	13023000
phases of project management used in the business and industry environment. CTE teacher should meet HOUSE NCLB qualifications or can be science certified.	
nstructional Material: Principles of Food Science, Goodheart-Willcox, ISBN: 9781605256092	Grade level: 12
Prerequisites: Three units of science, including chemistry and biology, and Culinary Arts I or Hospitality Services	HS Credit(s): 1
Course taught by locally certified gifted CTE teacher	College Hour(s): NA
Offered only at: North Side, Paschal, Polytechnic, South Hills, Trimble Tech, and OD Wyatt	Tier II
ORENSIC SCIENCE AB (FORENSCI AB)	
	LA29502 AB
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault,	LA29502 AB 13029500
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students	
orensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, ibuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students vill learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal	13029500
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods,	13029500 Grade level: 11 - 12
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint	13029500 Grade level: 11 - 12 HS Credit(s): 1
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for	13029500 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.	13029500 Grade level: 11 - 12 HS Credit(s): 1
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science. <u>nstructional Material:</u> <i>TBD</i>	13029500 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science. <u>Instructional Material:</u> <i>TBD</i> <u>Prerequisites:</u> Two (2) units of science (Biology, and Chemistry or Physics) one of which may be taken concurrently.	13029500 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b>
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science. <u>nstructional Material:</u> <i>TBD</i> <u>Prerequisites:</u> Two (2) units of science (Biology, and Chemistry or Physics) one of which may be taken concurrently. <i>Teacher should be certified in any of the following: Health Science Technology, T &amp; I/Law Enforcement, or secondary sciet</i>	13029500 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b>
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for orensic science. <u>nstructional Material:</u> <i>TBD</i> <u>Prerequisites:</u> Two (2) units of science (Biology, and Chemistry or Physics) one of which may be taken concurrently. <i>Teacher should be certified in any of the following: Health Science Technology, T &amp; I/Law Enforcement, or secondary science</i> <b>HONORS FORENSIC SCIENCE AB (FORENSCI AB/H)</b>	13029500 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b>
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science. <u>nstructional Material:</u> <i>TBD</i> <u>Prerequisites:</u> Two (2) units of science (Biology, and Chemistry or Physics) one of which may be taken concurrently. <i>Teacher should be certified in any of the following: Health Science Technology, T &amp; I/Law Enforcement, or secondary science</i> <b>HONORS FORENSIC SCIENCE AB (FORENSCI AB/H)</b> n addition to the regular course curriculum, students in this honors course will complete a project using the five	13029500 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> ence. LAH29502 AB
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science. <u>nstructional Material:</u> <i>TBD</i> <u>Prerequisites:</u> Two (2) units of science (Biology, and Chemistry or Physics) one of which may be taken concurrently. <i>Teacher should be certified in any of the following: Health Science Technology, T &amp; I/Law Enforcement, or secondary sciented to the regular course curriculum, students in this honors course will complete a project using the five obases of project management used in the business and industry environment.</i>	13029500 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> ence. LAH29502 AB
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science. <u>nstructional Material:</u> <i>TBD</i> <u>Prerequisites:</u> Two (2) units of science (Biology, and Chemistry or Physics) one of which may be taken concurrently. <i>Teacher should be certified in any of the following: Health Science Technology, T &amp; I/Law Enforcement, or secondary sciented to the regular course curriculum, students in this honors course will complete a project using the five obases of project management used in the business and industry environment. <u>nstructional Material:</u> TBD</i>	13029500 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> ence. LAH29502 AB 13029500
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science. Instructional Material: <i>TBD</i> Prerequisites: Two (2) units of science (Biology, and Chemistry or Physics) one of which may be taken concurrently. <i>Teacher should be certified in any of the following: Health Science Technology, T &amp; I/Law Enforcement, or secondary scient</i> <b>HONORS FORENSIC SCIENCE AB (FORENSCI AB/H)</b> In addition to the regular course curriculum, students in this honors course will complete a project using the five phases of project management used in the business and industry environment. Instructional Material: TBD Prerequisites: Two (2) units of science (Biology, and Chemistry or Physics) one of which may be taken concurrently. <i>Course taught by locally certified gifted CTE teacher. Teacher should be certified in any of the following: Health Science</i> <i>Science should be certified gifted CTE teacher. Teacher should be certified in any of the following: Health Science</i>	13029500 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> ence. LAH29502 AB 13029500 Grade level: 11 - 12

# **SOCIAL STUDIES**

# SOCIAL STUDIES GRADUATION REQUIREMENTS

# ALL STUDENTS ARE REQUIRED to pass US History EOC

# All Foundation Plans (22 & 26 credits) Require 4 Social Studies credits

## Four credits must consist of:

# 3 credits of the following:

- World Geography OR AP Human Geography OR Dual Credit World Geography
- U.S. History Since 1877
   OR AP U.S. History
   OR Dual Credit U.S. History
   OR OnRamps U.S. History
- U.S. Government (.5 credit) OR AP U.S. Government (.5 credit) OR Dual Credit U.S. Government (.5 credit)
- Economics (.5 credit)
   OR Personal Financial Literacy and Economics (.5 credit)
   OR AP Macroeconomics (.5 credit)
   OR AP Microeconomics (.5 credit)
   OR Dual Credit Economics (.5 credit)

### 1 credit selected from the following:

- World History
   OR AP Modern World History
   OR Dual Credit World History
- Ethnic Studies course pairing African-American Studies (.5 credit) AND STSS: Latino/a Studies (.5 credit)

### **Possible Endorsement Opportunities:**

- Multidisciplinary
- Arts & Humanities

# Social Studies, Government, and Economics

	Traditional		Honors		Advanced Placement (AF Dual Credit (DC)	P)/
6th	Gr 6 Social Studies: 0331	None	Honors Gr 6 Social Studies: 0325	None	Honors Gr 6 Social Studies: 0325	None
7th	Gr 7 Social Studies: 0336	None	Honors Gr 7 Social Studies: 0327	None	Honors Gr 7 Social Studies: 0327	None
8th	Gr 8 Social Studies: 0337	STAAR Gr 8	Honors Gr 8 Social Studies: 0329	STAAR Gr 8	Honors Gr 8 Social Studies: 0329	STAAR Gr 8
9th	World Geography: 8011	None	Honors World Geography: 8009	None	AP Human Geog: 8003 or DC World Geog: 8006	PSAT AP Exam
10th	World History: 8033 or Ethnic Studies: 8041T & 8045T	PSAT	Honors World History: 8035 or Ethnic Studies: 8041T & 8045T	PSAT	AP Modern World Hist: 8037 or DC World Hist: 8034	PSAT SAT AP Exam
11th	US History Since 1877: 8056 SS Electives	PSAT SAT US Hist EOC	Honors US History Since 1877: 8066 AP/DC SS Electives	SAT US Hist EOC	AP US Hist: 8215 or DC US Hist: 8042 or OnRamps US History: 8049 AP/DC SS Electives	SAT US Hist EOC AP Exam
12th	US Gov & Econ or PFLECO: 8076T & 8096T or 8148T SS Electives	PSAT SAT	US Gov & Econ or PFLECO: 8076T & 8096T or 8148T AP/DC SS Electives	SAT	AP US Gov & AP Econ: 8135T & 8098T or DC US Gov & DC Econ: 8079T & 8094T AP/DC SS Electives	Exams vary by course

PERSONAL FINANCIAL LITERACY AND ECONOMICS T	8148T
This course emphasizes the economic way of thinking, which serves as a framework for the personal financial	03380083
decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and	
address financial challenges as these challenges occur over their lifetime. In addition, students are introduced to	
common economic and personal financial planning terms and concepts. As a result of learning objective concepts	Grade level: 11 – 12
and integrating subjective information, students gain the ability to lead productive and financially self-sufficient	Credit(s): 0.5
lives. Approximately two-thirds of instructional time is dedicated to personal financial literacy and one-third to	College Hour(s): NA
economics content. This is distinct from ECOFE (8096T) where approximately one-third of instructional time is	Tier III
dedicated to personal financial literacy and two-thirds to economics content. This course satisfies the Economics	
high school graduation requirement.	
Instructional Material: Personal Financial Literacy, Savvas, 2024, ISBN: 9780138114312.	
Prerequisites: District Recommendation: World Geography Studies, World History Studies, and US History	
What's Next? Government if Personal Financial Literacy and Economics taken first; and any elective social studies	
course that can be applied toward a humanities endorsement. Due to redundant TEKS, students cannot receive	
credit in both Economics and Personal Financial Literacy (8148T) and Personal Financial Literacy (8145T).	
WORLD GEOGRAPHY STUDIES AB	8011 AB
SHELTERED WORLD GEOGRAPHY STUDIES AB – NP	8008 AB
SHELTERED WORLD GEOGRAPHY STUDIES AB	8010 AB
WORLD GEOGRAPHY STUDIES AB	80115 AB
This course is a comprehensive examination of people, places, and environments at local, regional, national, and	03320100
international scales from the spatial and ecological perspectives of geography. A significant portion of this course	
centers around the physical processes that shape, patterns in the physical environment; the characteristics of major	Grade level: 9 – 12
land forms, climates and ecosystems and their interrelationships; the political, economic, and social processes that	Credit(s): 1
shape cultural patterns of regions; and the distribution and movement of world population. This course meets the	College Hour(s): NA
state recommended graduation requirement.	Tier III

Instructional Material: 1402 – Texas World Geography, McGraw-Hill, 2014, ISBN: 0021380996	
<u>Prerequisites:</u> None	
What's Next? AP or Honors or World History Studies or Dual Credit World History Studies	
All Newcomer Program teachers must be content and ESL certified.	
HONORS WORLD GEOGRAPHY STUDIES AB	8009 AB
SHELTERED HONORS WORLD GEOGRAPHY STUDIES AB	8024 AB
Description of course: Honors World Geography will present the student with a general understanding of cultural	03320100
geography, physical geography, and human geography while preparing the student for AP modern world history	Cue de Javada O
by incorporating AP skills and habits of mind as well as some geography-driven content. This course meets the state recommended graduation requirement.	Grade level: 9 Credit(s): 1
Instructional Material: 1402 – Texas World Geography, McGraw-Hill, 2014, ISBN: 0021380996	College Hour(s): NA
<u>Prerequisites:</u> Student interest	Tier II
<u>What's Next?</u> AP or Honors or World History Studies or Dual Credit World History Studies	
DUAL CREDIT WORLD GEOGRAPHY STUDIES A	8006 A
TCC Course: Physical Geography (GEOG 1301)	
This course introduces students to the processes that drive Earth's physical systems. Students will explore the	03320100
relationships among these physical systems, with emphasis on weather and climate, water, ecosystems, geologic	
processes and landform development, and human interactions with the physical environment.	Grade level: N/A
Instructional Material: TCC Course: Physical Geography (GEOG 1301)	Credit(s): 0.5
Prerequisites: None	College Hour(s): 3 hours
Early College High School Grade Placement 9-12.	Tier I
Course taught by an approved adjunct instructor.	
Combined with GEOG 1302, this course meets the one-year world geography social studies graduation requirement.	0000 5
DUAL CREDIT WORLD GEOGRAPHY STUDIES B	8006 B
TCC Course: Geography (GEOG 1302)	
This course introduces students to fundamentals concepts, skills, and practices of human geography. Place, space,	03320100
and scale serve as a framework for understanding patterns of human experience. Topics for discussion may include globalization, population and migration, culture, diffusion, political and economic systems, language,	Grade level: N/A
religion, gender, and ethnicity.	Credit(s): 0.5
Instructional Material: TCC Course: Human Geography (GEOG 1302)	College Hour(s): 3 hours
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Prerequisites: Dual Credit World Geography Studies A	Tier I
	Tier I
Early College High School Grade Placement 9-12.	Tier I
Early College High School Grade Placement 9-12. Course taught by an approved adjunct instructor.	Tier I
<u>Prerequisites:</u> Dual Credit World Geography Studies A Early College High School Grade Placement 9-12. Course taught by an approved adjunct instructor. <i>Combined with GEOG 1301, this course meets the one-year world geography social studies graduation requirement.</i> <b>AP HUMAN GEOGRAPHY AB</b>	Tier I 8003 AB
Early College High School Grade Placement 9-12. Course taught by an approved adjunct instructor. <i>Combined with GEOG 1301, this course meets the one-year world geography social studies graduation requirement.</i> <b>AP HUMAN GEOGRAPHY AB</b> AP Human Geography introduces students to the rigorous and systematic study of patterns and processes that	
Early College High School Grade Placement 9-12. Course taught by an approved adjunct instructor. Combined with GEOG 1301, this course meets the one-year world geography social studies graduation requirement. AP HUMAN GEOGRAPHY AB AP Human Geography introduces students to the rigorous and systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ special concepts	8003 AB
Early College High School Grade Placement 9-12. Course taught by an approved adjunct instructor. <i>Combined with GEOG 1301, this course meets the one-year world geography social studies graduation requirement.</i> <b>AP HUMAN GEOGRAPHY AB</b> AP Human Geography introduces students to the rigorous and systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ special concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn	8003 AB
Early College High School Grade Placement 9-12. Course taught by an approved adjunct instructor. Combined with GEOG 1301, this course meets the one-year world geography social studies graduation requirement. AP HUMAN GEOGRAPHY AB AP Human Geography introduces students to the rigorous and systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ special concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about methods and tools geographers use in their science and practice. Prepares students to perform successfully	8003 AB
Early College High School Grade Placement 9-12. Course taught by an approved adjunct instructor. Combined with GEOG 1301, this course meets the one-year world geography social studies graduation requirement. AP HUMAN GEOGRAPHY AB AP Human Geography introduces students to the rigorous and systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ special concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about methods and tools geographers use in their science and practice. Prepares students to perform successfully on the AP Human Geography examination.	<b>8003 AB</b> A3360100
Early College High School Grade Placement 9-12. Course taught by an approved adjunct instructor. Combined with GEOG 1301, this course meets the one-year world geography social studies graduation requirement. AP HUMAN GEOGRAPHY AB AP Human Geography introduces students to the rigorous and systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ special concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about methods and tools geographers use in their science and practice. Prepares students to perform successfully on the AP Human Geography examination. Instructional Material: Human Geography for the AP course, John Wiley and Sons, 2020, ISBN: 9781119623489	<b>8003 AB</b> A3360100 Grade level: 9 – 10
Early College High School Grade Placement 9-12. Course taught by an approved adjunct instructor. Combined with GEOG 1301, this course meets the one-year world geography social studies graduation requirement. AP HUMAN GEOGRAPHY AB AP Human Geography introduces students to the rigorous and systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ special concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about methods and tools geographers use in their science and practice. Prepares students to perform successfully on the AP Human Geography examination. Instructional Material: Human Geography for the AP course, John Wiley and Sons, 2020, ISBN: 9781119623489 Prerequisites: Met standard on Grade 8 Social Studies STAAR; and student interest	<b>8003 AB</b> A3360100 Grade level: 9 – 10 Credit(s): 1
Early College High School Grade Placement 9-12. Course taught by an approved adjunct instructor. Combined with GEOG 1301, this course meets the one-year world geography social studies graduation requirement. AP HUMAN GEOGRAPHY AB AP Human Geography introduces students to the rigorous and systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ special concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about methods and tools geographers use in their science and practice. Prepares students to perform successfully on the AP Human Geography examination. Instructional Material: Human Geography for the AP course, John Wiley and Sons, 2020, ISBN: 9781119623489 Prerequisites: Met standard on Grade 8 Social Studies STAAR; and student interest What's Next? AP or Honors or World History Studies or Dual Credit World History Studies	<b>8003 AB</b> A3360100 Grade level: 9 – 10 Credit(s): 1 College Hour(s): NA
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Instructional Material: 1411 – Texas World History, McGraw-Hill, 2014, ISBN: 007660604X	Grade level: 9 – 12 Credit(s): 1
Prerequisites: District Recommendation: World Geography Studies or Honors World Geography Studies; and	College Hour(s): NA
student interest. <u>What's Next?</u> AP or Honors or United States History Studies or Dual Credit United States History	Tier III
All Newcomer Program teachers must be content and ESL certified.	
HONORS WORLD HISTORY STUDIES AB	8035 AB
SHELTERED HONORS WORLD HISTORY STUDIES AB	8032 AB
Examines human history with emphasis on early civilizations (non-western), Western, and other regions. Focuses on	03340400
cultural experiences as related to history, literature, art, music, and philosophy. Students compare and analyze ways	
of life and cultural patterns that reflect the diversity and commonality of human experiences and develop an	
understanding of how these patterns occur. Problem-solving skills are also emphasized. This course builds the	
foundation for successful participation in AP coursework. Instructional Material: 1411 – Texas World History, McGraw-Hill, 2014, ISBN: 007660604X	Grade level: 9 – 12
Prerequisites: District Recommendation: Honors World Geography Studies or World Geography Studies; and	Credit(s): 1
student interest	College Hour(s): NA
What's Next? AP or Honors or United States History Studies or Dual Credit United States History	Tier II
This course meets the one-year world history social studies graduation requirement.	
DUAL CREDIT WORLD HISTORY STUDIES A	8034 A
TCC Course: World Civilization I (HIST 2321)	
TWU Course: World History to 1648 (HIS 2301)	
A survey of the social, political, economic, cultural, religious, and intellectual history of the world from the	03340400
emergence of human cultures through the 15th century. Examines major cultural regions of the world in Africa, the	
Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include the emergence of early societies, the rise of civilizations, the development of political and legal systems, religion and philosophy,	
economic systems and trans-regional networks of exchange. The course emphasizes the development, interaction	
and impact of global exchange.	
Instructional Material: TCC Course: World Civilization I (HIST 2321)	Grade level: N/A
FWISD Prerequisites: None	Credit(s): 0.5
TCC Prerequisites: Early College High School Grade Placement 9-12	College Hour(s): 3 hours
TWU Prerequisites: Only offered at Dunbar	Tier I
Course taught by an approved adjunct instructor.	
Combined with HIST 2322, this course meets the one-year world history social studies graduation requirement.	8034 B
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Combined with HIST 2322, this course meets the one-year world history social studies graduation requirement. DUAL CREDIT WORLD HISTORY STUDIES B TCC Course: World Civilization II (HIST 2322)	8034 B
	<b>8034 B</b> 03340400
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Combined with HIST 2322, this course meets the one-year world history social studies graduation requirement. DUAL CREDIT WORLD HISTORY STUDIES B TCC Course: World Civilization II (HIST 2322) TWU Course: World History since 1648 (HIS 2303) A survey of the social, political, economic, cultural, religious, and intellectual history of the world from the 15th century to the present. Examines major cultural regions of the world in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include maritime exploration and transoceanic empires, nation/state formation and industrialization, imperialism, global conflicts and resolutions, and global economic integration. The course emphasizes the development, interaction and impact of global exchange. Instructional Material: TCC Course: World Civilization II (HIST 2322) EWISD Prerequisites: Dual Credit World History Studies A TCC Prerequisites: HIS 2301; Only offered at Dunbar Course taught by an approved adjunct instructor. Combined with HIST 2321, this course meets the one-year world history social studies graduation requirement. AP MODERN WORLD HISTORY AB Event Studies a comprehensive history of the world required to meet the	03340400 Grade level: N/A Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b>
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Combined with HIST 2322, this course meets the one-year world history social studies graduation requirement. DUAL CREDIT WORLD HISTORY STUDIES B TCC Course: World Civilization II (HIST 2322) TWU Course: World History since 1648 (HIS 2303) A survey of the social, political, economic, cultural, religious, and intellectual history of the world from the 15th century to the present. Examines major cultural regions of the world in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include maritime exploration and transoceanic empires, nation/state formation and industrialization, imperialism, global conflicts and resolutions, and global economic integration. The course emphasizes the development, interaction and impact of global exchange. Instructional Material: TCC Course: World Civilization II (HIST 2322) EWISD Prerequisites: Dual Credit World History Studies A TCC Prerequisites: THIS 2301; Only offered at Dunbar Course taught by an approved adjunct instructor. Combined with HIST 2321, this course meets the one-year world history social studies graduation requirement. AP MODERN WORLD HISTORY AB Formerly titled "AP World History," this course presents a comprehensive history of the world required to meet the state's World History Studies graduation requirement, while giving particular emphasis to College Board's AP Modern World History timespan (1200 CE to present). This comprehensive experience allows students to view history in a global and integrated way and affords them the opportunity to gain a Distinguished Achievement measure as well as college credit by successful completion of the associated AP exam in May. Major facets of the course include the impact of interaction among major societies, relationship of change and continuity, impact of technology and demography on people and the environment, systems of social structure and gender structure, cultural and intellectual developments and interactions; and changes in functions and structures of states, and in attitud	03340400 Grade level: N/A Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8037 AB A3370100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
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UNITED STATES HISTORY STUDIES SINCE 1877 AB	8056 AB
SHELTERED UNITED STATES HISTORY STUDIES SINCE 1877 AB – NP	8050 AB
SHELTERED UNITED STATES HISTORY STUDIES SINCE 1877 AB	8052 AB
UNITED STATES HISTORY STUDIES SINCE 1877 AB	80565 AB
Students study the history of the United States since Reconstruction to the present. Content focuses on the	03340100
political, economic, and social events and issues related to policies of the Cold War and post-Cold War eras; and	03340105 (SPEC ED)
reform movements including civil rights. Students examine the impact of geographic factors on major events;	
analyze causes and effects of the Great Depression and examine the dynamic relationship of the three branches of	
the federal government. Students will be required to take the U.S. History End of Course (EOC) exam in this course.	
Instructional Material: 1422 – Texas U.S. History, McGraw-Hill, 2015, ISBN: 0076608581	Grade level: 9 - 12
Prerequisites: District Recommendation: World Geography and World History	Credit(s): 1
What's Next? AP or Government, Economics, or Dual Credit Government, Economics, and any elective social studies	College Hour(s): NA
course that can be applied toward a humanities endorsement.	Tier III
Students will take the US History EOC. All Newcomer Program teachers must be content and ESL certified.	
	8066 AB
HONORS UNITED STATES HISTORY STUDIES SINCE 1877 AB	8066 AB
SHELTERED HONORS UNITED STATES HISTORY STUDIES SINCE 1877 AB	8068 AB
Honors United States History extends the study of United States History to involve a chronological history from	03340100
1877 to present. To support the teaching a variety of rich primary and secondary source material is used so that	
students are studying and learning history as historians.	C       0 10
Instructional Material: 1422 – Texas U.S. History, McGraw-Hill, 2015, ISBN: 0076608581	Grade level: 9 – 12 Gradit(c): 1
Prerequisites: District Recommendation: Honors World Geography Studies or World Geography Studies; AP or Honorr, or Dual Credit World History, and student interest.	Credit(s): 1
Honors or Dual Credit World History; and student interest <u>What's Next?</u> AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies	College Hour(s): NA
course that can be applied toward a humanities endorsement	Tier II
Students will take the US History EOC.	
	0015 AD
AP UNITED STATES HISTORY AB	8215 AB
Extends the study of United States history to involve the full sweep of chronological history from discovery to	A3340100
present. Uses college-level material and parallel historic readings to provide the student's information and skills	
that will enable them to perform successfully on the advanced placement test and/or in their college history	
classes. This course may be used to meet either the course requirement for U.S. History or state graduation or	
elective course requirements. Instructional Material: Give Me Liberty! An American History, Sixth AP Edition, W.W. Norton & Company, 2020,	Grade level: 10 – 12
ISBN: 978-0393697018	Credit(s): 1
Prerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World	College Hour(s): NA
Geography Studies; AP or Honors or Dual Credit World History; and student interest	Tier I
<u>What's Next?</u> AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies	
course that can be applied toward a humanities endorsement	
If students are using this course as a substitution for regular or Honors US History, they will take the US History EOC.	
DUAL CREDIT UNITED STATES HISTORY SINCE 1877 A	8042 A
TCC Course: United States History I to 1876 (HIST 1301)	
TWU Course: Early American History HIS 2321	
A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-	03340100
Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian,	00040100
colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that	
may be addressed include: American settlement and diversity, American culture, religion, civil and human rights,	
technological change, economic change, immigration and migration, and creation of the federal government.	
Instructional Material: TCC Course: United States History I to 1876 (HIST 1301)	Grade level: 11 - 12
FWISD Prerequisites: None	Credit(s): 0.5
<u>TCC Prerequisites:</u> ENGL-1301 with a grade of C or TSI compliant in reading	College Hour(s): 3 hours
Early College High School Grade Placement 10-12	Tier I
TWU Prerequisites: Only offered at Dunbar	
Course taught by an approved adjunct instructor.	
Course taught by an approved adjunct instructor. If students are using this dual credit course combination (8042A & 8042B) as a substitution for the regular or Honors	
Course taught by an approved adjunct instructor. If students are using this dual credit course combination (8042A & 8042B) as a substitution for the regular or Honors US History, they will take the US History EOC.	8042 B
Course taught by an approved adjunct instructor. If students are using this dual credit course combination (8042A & 8042B) as a substitution for the regular or Honors US History, they will take the US History EOC. DUAL CREDIT UNITED STATES HISTORY SINCE 1877 B	8042 B
Course taught by an approved adjunct instructor. If students are using this dual credit course combination (8042A & 8042B) as a substitution for the regular or Honors US History, they will take the US History EOC. DUAL CREDIT UNITED STATES HISTORY SINCE 1877 B TCC Course: United States History II Since 1876 (HIST 1302)	8042 B
Course taught by an approved adjunct instructor. If students are using this dual credit course combination (8042A & 8042B) as a substitution for the regular or Honors US History, they will take the US History EOC. DUAL CREDIT UNITED STATES HISTORY SINCE 1877 B TCC Course: United States History II Since 1876 (HIST 1302) TWU Course: Modern American History HIS 2324	
Course taught by an approved adjunct instructor. If students are using this dual credit course combination (8042A & 8042B) as a substitution for the regular or Honors US History, they will take the US History EOC. <b>DUAL CREDIT UNITED STATES HISTORY SINCE 1877 B</b> <b>TCC Course: United States History II Since 1876 (HIST 1302)</b> <b>TWU Course: Modern American History HIS 2324</b> A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil	<b>8042 B</b> 03340100
Course taught by an approved adjunct instructor. If students are using this dual credit course combination (8042A & 8042B) as a substitution for the regular or Honors US History, they will take the US History EOC. <b>DUAL CREDIT UNITED STATES HISTORY SINCE 1877 B</b> <b>TCC Course: United States History II Since 1876 (HIST 1302)</b> <b>TWU Course: Modern American History HIS 2324</b> A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History examines industrialization, immigration, world wars,	
Course taught by an approved adjunct instructor. If students are using this dual credit course combination (8042A & 8042B) as a substitution for the regular or Honors US History, they will take the US History EOC. <b>DUAL CREDIT UNITED STATES HISTORY SINCE 1877 B</b> <b>TCC Course: United States History II Since 1876 (HIST 1302)</b> <b>TWU Course: Modern American History HIS 2324</b> A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil	

Instructional Material: TCC Course: United States History II Since 1876 (HIST 1302)	Grade level: 11 – 12
FWISD Prerequisites: Dual Credit United States History Since 1877 A	Credit(s): 0.5
TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading	College Hour(s): 3 hours
Early College High School Grade Placement 10-12	Tier I
TWU Prerequisites: HIS 2321; Only offered at Dunbar	
Course taught by an approved adjunct instructor.	
If students are using this dual credit course combination (8042A & 8042B) as a substitution for the regular or Honors	
US History, they will take the US History EOC. OnRamps UNITED STATES HISTORY 1492-1865 A	8049 A
In this first of two sequential college American history courses, students study significant themes in US history to	A3340100
uncover the range and depth of the American story. Using lectures, primary and secondary readings, videos, maps,	A3340100
and other graphics, students work both independently and collaboratively to develop the critical thinking skills to	
evaluate the historical record. This course surveys from the colonial beginnings through the Civil War, and Course B	
considers the post-Civil War era to the end of the 20th century. Exams include essay questions that require	
students to craft well-written narratives and arguments that set events in historical context, engage the complexity	
of cause and consequence, and make connections that reveal the dynamic of change over time. OnRamps works	
through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level	
college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high	
school credit from their local teacher.	
Instructional Material: Selected and provided by the University of Texas at Austin	Grade level: 11 – 12
Prerequisites: FWISD: World Geography, World History preferred	Credit(s): .5
UT Austin OnRamps: Concurrent or completed English II	College Hour(s): 3 hours
What's Next? OnRamps US History Since 1865	Tier I
If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EQC	
they will take the US History EOC. OnRamps UNITED STATES HISTORY SINCE 1865 B	8049 B
In these second of two sequential college American history courses, students study significant themes in US history	A3340100
to uncover the range and depth of the American story. Using lectures, primary and secondary readings, videos,	A3340100
maps, and other graphics, students work both independently and collaboratively to develop the critical thinking	
skills to evaluate the historical record. Course A surveys from the colonial beginnings through the Civil War, and	
this course considers the post-Civil War era to the end of the 20th century. Exams include essay questions that	
require students to craft well-written narratives and arguments that set events in historical context, engage the	
complexity of cause and consequence, and make connections that reveal the dynamic of change over time.	
OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous	
OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty	
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher.	
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. <u>Instructional Material:</u> Selected and provided by the University of Texas at Austin	Grade level: 11 - 12
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. <u>Instructional Material:</u> Selected and provided by the University of Texas at Austin <u>Prerequisites:</u> FWISD: World Geography, World History preferred	Credit(s): .5
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. <u>Instructional Material:</u> Selected and provided by the University of Texas at Austin <u>Prerequisites:</u> FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II	Credit(s): .5 College Hour(s): 3 hours
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. <u>Instructional Material:</u> Selected and provided by the University of Texas at Austin <u>Prerequisites:</u> FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II <u>What's Next?</u> AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies	Credit(s): .5
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. <u>Instructional Material:</u> Selected and provided by the University of Texas at Austin <u>Prerequisites:</u> FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II <u>What's Next?</u> AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement	Credit(s): .5 College Hour(s): 3 hours
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin <u>Prerequisites:</u> FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II <u>What's Next?</u> AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement <i>If students are using this course combination (8049A &amp; 8049B) as a substitution for the regular or Honors US History,</i>	Credit(s): .5 College Hour(s): 3 hours
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. <u>Instructional Material:</u> Selected and provided by the University of Texas at Austin <u>Prerequisites:</u> FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II <u>What's Next?</u> AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement <i>If students are using this course combination (8049A &amp; 8049B) as a substitution for the regular or Honors US History,</i> <i>they will take the US History EOC.</i>	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b>
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T	Credit(s): .5 College Hour(s): 3 hours Tier I 8076 T
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b>
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b> <b>8076 T</b> 03330100
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created.	Credit(s): .5 College Hour(s): 3 hours Tier I 8076 T
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created. Instructional Material: 1445 – Texas United States Government, McGraw-Hill, 2015, ISBN: 0021357994	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b> <b>8076 T</b> 03330100 Grade level: 11 - 12
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created.	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b> <b>8076 T</b> 03330100 Grade level: 11 - 12 Credit(s): 0.5
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created. Instructional Material: 1445 – Texas United States Government, McGraw-Hill, 2015, ISBN: 0021357994 Prerequisites: District Recommendation: World Geography Studies; World History Studies; and US History Studies	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b> <b>8076 T</b> 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): NA
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university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created. Instructional Material: 1445 – Texas United States Government, McGraw-Hill, 2015, ISBN: 0021357994 Prerequisites: District Recommendation: World Geography Studies; World History Studies; and US History Studies What's Next? Economics if Government taken first; and any elective social studies course that can be applied toward a humanities endorsement DUAL CREDIT UNITED STATES GOVERNMENT T	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b> 8076 T 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b>
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material; Selected and provided by the University of Texas at Austin Prerequisites; FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created. Instructional Material; 1445 – Texas United States Government, McGraw-Hill, 2015, ISBN: 0021357994 Prerequisites: District Recommendation: World Geography Studies; World History Studies; and US History Studies What's Next? Economics if Government taken first; and any elective social studies course that can be applied toward a humanities endorsement DUAL CREDIT UNITED STATES GOVERNMENT T TCC Course: Federal Government (GOVT 2305)	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b> 8076 T 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b>
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created. Instructional Material: 1445 – Texas United States Government, McGraw-Hill, 2015, ISBN: 0021357994 Prerequisites: District Recommendation: World Geography Studies; World History Studies; and US History Studies What's Next? Economics if Government taken first; and any elective social studies course that can be applied toward a humanities endorsement DUAL CREDIT UNITED STATES GOVERNMENT T TCC Course: Federal Government (GOVT 2305) TWU Course: American Government (GOV 2311)	Credit(s): .5 College Hour(s): 3 hours Tier I 8076 T 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): NA Tier III 8079 T
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material; Selected and provided by the University of Texas at Austin Prerequisites; FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created. Instructional Material: 1445 – Texas United States Government, McGraw-Hill, 2015, ISBN: 0021357994 Prerequisites: District Recommendation: World Geography Studies; World History Studies; and US History Studies What's Next? Economics if Government taken first; and any elective social studies course that can be applied toward a humanities endorsement DUAL CREDIT UNITED STATES GOVERNMENT T TCC Course: Federal Government (GOVT 2305) TWU Course: American Government (GOV 2311) Origin and development of the U.S. Constitution, structure and powers of the national government including the	Credit(s): .5 College Hour(s): 3 hours Tier I 8076 T 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): NA Tier III 8079 T
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: FWISD: World Geography. World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created. Instructional Material: 1445 – Texas United States Government, McGraw-Hill, 2015, ISBN: 0021357994 Prerequisites: District Recommendation: World Geography Studies; World History Studies; and US History Studies What's Next? Economics if Government taken first; and any elective social studies course that can be applied toward a humanities endorsement DUAL CREDIT UNITED STATES GOVERNMENT T TCC Course: Federal Government (GOV 2305) TWU Course: American Government (GOV 2311) Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public	Credit(s): .5 College Hour(s): 3 hours Tier I 8076 T 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): NA Tier III 8079 T
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material; Selected and provided by the University of Texas at Austin Prerequisites; FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created. Instructional Material; 1445 – Texas United States Government, McGraw-Hill, 2015, ISBN: 0021357994 Prerequisites: District Recommendation: World Geography Studies; World History Studies; and US History Studies What's Next? Economics if Government taken first; and any elective social studies course that can be applied toward a humanities endorsement DUAL CREDIT UNITED STATES GOVERNMENT T TCC Course: Federal Government (GOVT 2305) TWU Course: American Government (GOV 2311) Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b> 8076 T 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> 8079 T 03330100
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material; Selected and provided by the University of Texas at Austin <u>Prerequisites;</u> FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II <u>What's Next?</u> AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement <i>If students are using this course combination (8049A &amp; 8049B) as a substitution for the regular or Honors US History,</i> <i>they will take the US History EOC.</i> <b>UNITED STATES GOVERNMENT T</b> The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created. Instructional Material; 1445 – Texas United States Government, McGraw-Hill, 2015, ISBN: 0021357994 <u>Prerequisites;</u> District Recommendation: World Geography Studies; World History Studies; and US History Studies <u>What's Next?</u> Economics if Government taken first; and any elective social studies course that can be applied toward a humanities endorsement <b>DUAL CREDIT UNITED STATES GOVERNMENT T</b> <b>TCC Course: Federal Government (GOV 2305)</b> <b>TWU Course: American Government (GOV 2305)</b> <b>TWU Course: American Government (GOV 2311)</b> Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights. Instructional Materiai; TCC Course: Federal Government (GOVT 2305) <u>FWISD Prerequisites;</u> INGL-1301 with a grade of C or TSI compliant in reading	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b> 8076 T 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> 8079 T 03330100 Grade level: 11 - 12
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material; Selected and provided by the University of Texas at Austin Prerequisites; FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created. Instructional Material: 1445 – Texas United States Government, McGraw-Hill, 2015, ISBN: 0021357994 Prerequisites; District Recommendation: World Geography Studies; World History Studies; and US History Studies What's Next? Economics if Government taken first; and any elective social studies course that can be applied toward a humanities endorsement DUAL CREDIT UNITED STATES GOVERNMENT T TCC Course: Federal Government (GOVT 2305) TWU Course: American Government (GOVT 2305) TWU Course: American Government (GOVT 2305) Instructional Material: TCC Course: Federal Government (GOVT 2305) FWISD Prerequisites; None ICC Prerequisites; ENGL-1301 with a grade of C or TSI compliant in reading TWU Prerequisites; Only offered at Dunbar	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b> <b>8076 T</b> 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>8079 T</b> 03330100 Grade level: 11 - 12 Credit(s): 0.5
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material; Selected and provided by the University of Texas at Austin Prerequisites; FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created. Instructional Material; 1445 – Texas United States Government, McGraw-Hill, 2015, ISBN: 0021357994 Prerequisites; District Recommendation: World Geography Studies; World History Studies; and US History Studies What's Next? Economics if Government taken first; and any elective social studies course that can be applied toward a humanities endorsement DUAL CREDIT UNITED STATES GOVERNMENT T TCC Course: Federal Government (GOVT 2305) TWU Course: American Government (GOVT 2305) TWU Course: American Government (GOVT 2305) FWISD Prerequisites; None Instructional Material; TCC Course: Federal Government (GOVT 2305) FWISD Prerequisites; None ICC Prerequisites; None ICC Prerequisites; None ICC Prerequisites; None ICC Prerequisites; None ICC Prerequisites; None ICC Prerequisites; None Grade Placement 10-12	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b> <b>8076 T</b> 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>8079 T</b> 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): 3 hours
university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher. Instructional Material; Selected and provided by the University of Texas at Austin Prerequisites; FWISD: World Geography, World History preferred UT Austin OnRamps: Concurrent or completed English II What's Next? AP or Government, Economics, or Dual Credit Government, Economics; and any elective social studies course that can be applied toward a humanities endorsement If students are using this course combination (8049A & 8049B) as a substitution for the regular or Honors US History, they will take the US History EOC. UNITED STATES GOVERNMENT T The focus of this course is on the principles and beliefs upon which the United States was founded, and on the structure, functions, and powers of government at the national, state, and local levels. Major emphasis is given to the U.S. Constitution, its underlying principles, beliefs, and the form of government it created. Instructional Material: 1445 – Texas United States Government, McGraw-Hill, 2015, ISBN: 0021357994 Prerequisites; District Recommendation: World Geography Studies; World History Studies; and US History Studies What's Next? Economics if Government taken first; and any elective social studies course that can be applied toward a humanities endorsement DUAL CREDIT UNITED STATES GOVERNMENT T TCC Course: Federal Government (GOVT 2305) TWU Course: American Government (GOVT 2305) TWU Course: American Government (GOVT 2305) Instructional Material: TCC Course: Federal Government (GOVT 2305) FWISD Prerequisites; None ICC Prerequisites; ENGL-1301 with a grade of C or TSI compliant in reading TWU Prerequisites; Only offered at Dunbar	Credit(s): .5 College Hour(s): 3 hours <b>Tier I</b> <b>8076 T</b> 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>8079 T</b> 03330100 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): 3 hours

AP UNITED STATES GOVERNMENT AND POLITICS T	8135 T
Gives attention to national and state governmental structures. Individual rights are stressed throughout as necessary foundations for a successful, functioning democratic republic. Prepares students to perform successfully on the AP Examination.	A3330100
nstructional Material: Edwards, Government in America: People, Politics, and Policy, 2020, ISBN:978-0136966456	Grade level: 11 – 12
Prerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World	Credit(s): 0.5
Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP	College Hour(s): NA
or Honors or Dual Credit US History; and student interest	Tier I
What's Next? AP Microeconomics or Macroeconomics or Economics with an Emphasis on the Free Enterprise	
System T if AP United States Government taken first; and any elective social studies course that can be applied	
toward a humanities endorsement	
This course may be used to meet the course requirement in U.S. Government for state graduation.	
AP COMPARATIVE GOVERNMENT AND POLITICS T	8078 T
Provides qualified students an opportunity to engage in an in-depth examination of various political systems.	A3330200
Prepares students to take the AP examination, thus providing an additional AP testing opportunity for students	
seeking the Distinguished Achievement Diploma.	
Instructional Material: 9541 – Comparative Politics Domestic Responses to Global Challenges 7E AP Edition,	Grade level: 11 – 12
Cengage Learning, ISBN: 9781305335899	Credit(s): 0.5
Prerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World	College Hour(s): NA
Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP	Tier I
or Honors or Dual Credit US History; AP Government or Government T; and student interest	
What's Next? Any elective social studies course that can be applied toward a humanities endorsement	
This course may be used to meet only elective course requirements for state graduation. Will not substitute for U. S.	
Government requirement.	
AP EUROPEAN HISTORY AB	8219 AB
The course examines the history of Europe from 1450 to the present and focuses on these interrelated historical	A3340200
themes: political/diplomatic, social/economic, and intellectual/cultural. This course provides students the	
opportunity to complete the equivalent of the introductory college course.	
Instructional Material: Kagan, The Western Heritage Since 1300, 12th Edition, AP Edition, 2020, Pearson, ISBN: 978-	Grade level: 11 – 12
0135258514	Credit(s): 1
Prerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World	College Hour(s): NA
Geography Studies; AP or Honors or Dual Credit World History; completion of (or taken concurrently) AP or	Tier I
Honors or Dual Credit US History; and student interest	
<u>What's Next?</u> Any elective social studies course that can be applied toward a humanities endorsement	
State elective credit; will not substitute for World History.	
ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM AND ITS BENEFITS T	8096 T
The focus and content of this course is on the basic principles concerning production, consumption, and	03310300
distribution of goods and services in the United States and a comparison with those principles and practices in	03310300
other world economies. Students analyze the interaction of supply, demand, and price and study the role of	
	Grade level: 11 – 12
financial institutions in a free enterprise system. Students examine various types of business ownership and market structures, the rights and responsibilities of consumers and businesses and basic concepts of consumer	Credit(s): 0.5
aconomics. Approximately one third of instructional time is dedicated to personal financial literacy and two thirds	College Hour(s): NA
economics. Approximately one-third of instructional time is dedicated to personal financial literacy and two-thirds	Tior III
to economics content. This is distinct from PFLECO (XXXXT) where approximately two-thirds of instructional time	Tier III
to economics content. This is distinct from PFLECO (XXXXT) where approximately two-thirds of instructional time is dedicated to personal financial literacy and one-third to economics content.	Tier III
to economics content. This is distinct from PFLECO (XXXXT) where approximately two-thirds of instructional time is dedicated to personal financial literacy and one-third to economics content. Instructional Material: 1452 – Texas Economics, McGraw-Hill, 2015, ISBN: 0021381119	Tier III
to economics content. This is distinct from PFLECO (XXXXT) where approximately two-thirds of instructional time is dedicated to personal financial literacy and one-third to economics content. Instructional Material: 1452 – Texas Economics, McGraw-Hill, 2015, ISBN: 0021381119 Prerequisites: District Recommendation: World Geography Studies, World History Studies, and US History	Tier III
to economics content. This is distinct from PFLECO (XXXXT) where approximately two-thirds of instructional time is dedicated to personal financial literacy and one-third to economics content. <u>Instructional Material:</u> 1452 – Texas Economics, McGraw-Hill, 2015, ISBN: 0021381119 <u>Prerequisites:</u> District Recommendation: World Geography Studies, World History Studies, and US History <u>What's Next?</u> Government if Economics taken first; and any elective social studies course that can be applied	Tier III
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to economics content. This is distinct from PFLECO (XXXXT) where approximately two-thirds of instructional time is dedicated to personal financial literacy and one-third to economics content. Instructional Material: 1452 – Texas Economics, McGraw-Hill, 2015, ISBN: 0021381119 Prerequisites: District Recommendation: World Geography Studies, World History Studies, and US History What's Next? Government if Economics taken first; and any elective social studies course that can be applied toward a humanities endorsement. DUAL CREDIT ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM AND ITS BENEFITS T TCC Course: Principles of Macroeconomics (ECON 2301) An analysis of the economy as a whole including measurement and determination of Aggregate Demand and	8094 T
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to economics content. This is distinct from PFLECO (XXXXT) where approximately two-thirds of instructional time is dedicated to personal financial literacy and one-third to economics content. Instructional Material: 1452 – Texas Economics, McGraw-Hill, 2015, ISBN: 0021381119 Prerequisites: District Recommendation: World Geography Studies, World History Studies, and US History What's Next? Government if Economics taken first; and any elective social studies course that can be applied toward a humanities endorsement. DUAL CREDIT ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM AND ITS BENEFITS T TCC Course: Principles of Macroeconomics (ECON 2301) An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy. Emphasis on the U.S. economy. Required for business and economics majors. Instructional Material: TCC Course: Principles of Macroeconomics (ECON 2301) EWISD Prerequisites: United States History I AB Early College High School Grade Placement 10-12 Course taught by an approved adjunct instructor. AP MACROECONOMICS T Presents a one-semester analysis of economic theory. This course deals with major economic goals and the policy	8094 T 03310300 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): 3 hours Tier I
to economics content. This is distinct from PFLECO (XXXXT) where approximately two-thirds of instructional time is dedicated to personal financial literacy and one-third to economics content. Instructional Material: 1452 – Texas Economics, McGraw-Hill, 2015, ISBN: 0021381119 Prerequisites: District Recommendation: World Geography Studies, World History Studies, and US History What's Next? Government if Economics taken first; and any elective social studies course that can be applied toward a humanities endorsement. DUAL CREDIT ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM AND ITS BENEFITS T TCC Course: Principles of Macroeconomics (ECON 2301) An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy. Emphasis on the U.S. economy. Required for business and economics majors. Instructional Material: TCC Course: Principles of Macroeconomics (ECON 2301) FWISD Prerequisites: United States History I AB Early College High School Grade Placement 10-12 Course taught by an approved adjunct instructor. AP MACROECONOMICS T	8094 T 03310300 Grade level: 11 - 12 Credit(s): 0.5 College Hour(s): 3 hours Tier I 8098 T

Prerequisites:District Recommendations: AP Human Geography AB or Honors World Geography Studies or WorldCollege Hour(s): NAGeography Studies; AP or Honors or Dual Credit World History; completion of (or taken concurrently) AP orTier IHonors or Dual Credit US History; and student interestTier I

<u>What's Next?</u> AP Microeconomics or any elective social studies course that can be applied toward a humanities endorsement

This course may be used to meet either the course requirement for Economics for state graduation or elective course requirements.

AP MICROECONOMICS T	8099 T
Presents a one-semester analysis of the elements of economic theory. This course deals with product and factor	A3310100
price determination in a market economy. Prepares students to perform successfully on the AP Examination.	
Instructional Material: Krugman's Economics for the AP Course, 3rd Edition, Bedford, Freeman, and Worth, 2019,	Grade level: 11 – 12
ISBN: 978-1319113278	Credit(s): 0.5
Prerequisites: District Recommendations: AP Human Geography AB or Honors World Geography Studies or World	College Hour(s): NA
Geography Studies; AP or Honors or Dual Credit World History; completion of (or taken concurrently) AP or	Tier I
Honors or Dual Credit US History; and student interest	
What's Next? Any elective social studies course that can be applied toward a humanities endorsement.	
This course may be used to meet either the course requirement for Economics for state graduation or elective course	
requirements.	
SOCIOLOGY T	8117 T
Offers students opportunities to study individual and group social patterns as a means for gaining insight into the	03370100
interrelations among people and societal institutions.	
nstructional Material: 1480 – Sociology: The Study of Human Relationships, Holt McDougal, ISBN: 9780544344037	Grade level: 11 – 12
Prerequisites: District Recommendation: World Geography Studies; World History Studies; US History (or	Credit(s): 0.5
concurrent enrollment); and student interest	College Hour(s): NA
<u>What's Next?</u> Any elective social studies course that can be applied toward a humanities endorsement.	Tier III
This course may be used to meet only elective course requirements for state graduation.	
DUAL CREDIT SOCIOLOGY T	8115 T
TCC Course: Introduction to Sociology (SOCI 1301)	
TWU Course: Introduction to Sociology (SOC 2301)	
The scientific study of human society, including ways in which groups, social institutions, and individuals affect each	03370100
other. Causes of social stability and social change are explored through the application of various theoretical	
perspectives, key concepts, and related research methods of sociology. Analysis of social issues in their institutional	
context may include topics such as social stratification, gender, race/ethnicity, and deviance.	
Instructional Material: TCC Course: Introduction to Sociology (SOCI 1301)	Grade level: 11-12
FWISD Prerequisites: None	Credit(s): 0.5
TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading	College Hour(s): 3 hours
Early College High School Grade Placement 9-12	Tier I
TWU Prerequisites: Only offered at Dunbar	
Course taught by an approved adjunct instructor.	
This course may be used to meet only elective course requirements for state graduation.	
PSYCHOLOGY T	8125 T
Involves an exploration into human behavior with the understanding that individual adjustment in a compact and	03350100
complex world is essential.	
Instructional Material: 1470 – Texas Psychology, McGraw-Hill, 2015 ISBN: 0021394946	Grade level: 11 – 12
ISBN: 0078285712	Credit(s): 0.5
Prerequisites: District Recommendation: World Geography Studies; World History Studies, US History (or	College Hour(s): NA
concurrent enrollment); and student interest	Tier III
What's Next? Any elective social studies course that can be applied toward a humanities endorsement.	
This course may be used to meet only elective course requirements for state graduation.	
AP PSYCHOLOGY T	8127 T
Extends the study of psychology to include an in-depth approach to both human and animal behavior through	A3350100
experimental, correlation, and clinical research. Students have opportunities to apply statistical methods for the	
interpretation of data. Prepares students to perform successfully on the AP Examination.	
The course pairing 8146 and 8127 prepares students for the AP Psychology exam by teaching the curriculum over two	
semesters. When campuses pair 8146 and 8127, students must be enrolled in both courses.	
Instructional Material: Myers' Psychology for AP Course, 3rd Edition. Bedford, Freeman and Worth Publishing, 2018,	Grade level: 10 – 12
ISBN: 978-1319070502	Credit(s): 0.5
Prerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World	College Hour(s): NA
Geography Studies; or, concurrent enrollment in AP or Honors or Dual Credit World History Studies; and student	Tier I
interest	
What's Next? Honors Social Studies Research Methods in Psychology (8146 TH) or Core course per recommended	
sequence for graduation and/or any elective social studies course that can be applied toward a humanities	
endorsement.	
This course may be used to meet only elective course requirements for state araduation	

This course may be used to meet only elective course requirements for state graduation.

DUAL CREDIT PSYCHOLOGY IT	8123 T
ICC Course: General Psychology (PSYC 2301)	
TWU Course: Introduction to Psychology (PSY 1301)	
A survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental	03350100
processes.	
nstructional Material: TCC Course: General Psychology (PSYC 2301)	Grade level: 11-12
WISD Prerequisites:	Credit(s): 0.5
CC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading	College Hour(s): 3 hours
arly College High School Grade Placement 10-12	Tier I
WU Prerequisites: Only offered at Dunbar	
Course taught by an approved adjunct instructor.	
DUAL CREDIT AP PSYCHOLOGY IT	8126 T
ICC Course: General Psychology (PSYC 2301)	
a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes.	03350100
nstructional Material: TCC Course: General Psychology (PSYC 2301)	Grade level: 11-12
WISD Prerequisites:	Credit(s): 0.5
<u>CC Prerequisites</u> : ENGL-1301 with a grade of C or TSI compliant in reading	College Hour(s): 3 hours
arly College High School Grade Placement 10-12	Tier I
ourse taught by an approved adjunct instructor.	014C T
DVANCED SOCIAL STUDIES RESEARCH METHODS IN PSYCHOLOGY T	8146 T
In elective course designed for use in pairing with AP Psychology. Students learn collegiate level skills in research nalysis and design. Each student will conduct in-depth research, prepare a product of professional quality, and nake presentations to appropriate audiences. In collaboration with the teacher or a mentor, students	033800##
ndependently investigate a problem, issue or concern.	
The course pairing 8146 and 8127 prepares students for the AP Psychology exam by teaching the curriculum over two	
emesters. When campuses pair 8146 and 8127, students must be enrolled in both courses.	
nstructional Material: No state-adopted instructional material(s)/ Contact Social Studies Director.	Grade level: 10 - 12
rerequisites: AP Psychology and student interest.	Credit(s): 0.5
<u>Vhat's Next?</u> Core course per recommended sequence for graduation and/or any elective social studies course	College Hour(s): NA
hat can be applied toward a humanities endorsement.	Tier I
)33800##- 1st Time ##=03, 2nd Time ##=23, 3rd Time ##=33, 4th Time ##=43	
his course may be used to meet only elective course requirements for state graduation.	
OCIAL STUDIES ADVANCED STUDIES T	8138 T
his is an elective course where students conduct in-depth research, prepare a product of professional quality, and	033800##
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced	
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits.	
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits.	Grade level: 11 - 12
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. <u>nstructional Material:</u> <i>No state-adopted instructional material(s)/Contact Social Studies</i> <u>rerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World	Credit(s): 0.5
nake presentations to appropriate audiences. In collaboration with a mentor, or working independently, students nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced content for up to four state elective credits. <u>Instructional Material:</u> <i>No state-adopted instructional material(s)/Contact Social Studies</i> <u>Prerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Learner of Dual Credit US United and student interest.	Credit(s): 0.5 College Hour(s): NA
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. <u>Instructional Material:</u> <i>No state-adopted instructional material(s)/Contact Social Studies</i> <u>Prerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest	Credit(s): 0.5
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. <u>nstructional Material:</u> No state-adopted instructional material(s)/Contact Social Studies <u>rerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest <u>Vhat's Next?</u> Core course per recommended sequence for graduation and/or any elective social studies course	Credit(s): 0.5 College Hour(s): NA
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. <u>instructional Material:</u> No state-adopted instructional material(s)/Contact Social Studies <u>irrerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest <u>Vhat's Next?</u> Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement.	Credit(s): 0.5 College Hour(s): NA
Avestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. <u>Instructional Material:</u> No state-adopted instructional material(s)/Contact Social Studies <u>rerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or lonors or Dual Credit US History; and student interest <u>Vhat's Next?</u> Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. 33800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41	Credit(s): 0.5 College Hour(s): NA
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. <u>Instructional Material:</u> <i>No state-adopted instructional material(s)/Contact Social Studies</i> <u>Prerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest <u>What's Next?</u> Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. <i>133800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41</i> <i>This course may be used to meet only elective course requirements for state graduation.</i>	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b>
Anvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies Prerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest What's Next? Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. 133800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 Honors SOCIAL STUDIES ADVANCED STUDIES TH	Credit(s): 0.5 College Hour(s): NA Tier III 8142 T/H
Avestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies Irerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest What's Next? Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. B3800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 Honors Social Studies to meet only elective course requirements for state graduation. HONORS SOCIAL STUDIES ADVANCED STUDIES TH his is an elective course where students conduct in-depth research, prepare a product of professional quality, and	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b>
<ul> <li>nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits.</li> <li><u>instructional Material:</u> No state-adopted instructional material(s)/Contact Social Studies</li> <li><u>irerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest</li> <li><u>What's Next?</u> Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement.</li> <li><u>I33800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41</u></li> <li><u>this course may be used to meet only elective course requirements for state graduation.</u></li> <li><b>HONORS SOCIAL STUDIES ADVANCED STUDIES TH</b></li> <li>his is an elective course where students conduct in-depth research, prepare a product of professional quality, and nake presentations to appropriate audiences. In collaboration with a mentor, or working independently, students</li> </ul>	Credit(s): 0.5 College Hour(s): NA Tier III 8142 T/H
<ul> <li>westigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits.</li> <li><u>instructional Material:</u> No state-adopted instructional material(s)/Contact Social Studies</li> <li><u>irerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest</li> <li><u>What's Next?</u> Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement.</li> <li><u>133800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41</u></li> <li><u>ihis course may be used to meet only elective course requirements for state graduation.</u></li> <li><b>HONORS SOCIAL STUDIES ADVANCED STUDIES TH</b></li> <li>his is an elective course where students conduct in-depth research, prepare a product of professional quality, and nake presentations to appropriate audiences. In collaboration with a mentor, or working independently, students nevestigate a problem, issue, or concern.</li> </ul>	Credit(s): 0.5 College Hour(s): NA Tier III 8142 T/H
westigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies rerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or lonors or Dual Credit US History; and student interest Vhat's Next? Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. 33800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 his course may be used to meet only elective course requirements for state graduation. <b>IONORS SOCIAL STUDIES ADVANCED STUDIES TH</b> his is an elective course where students conduct in-depth research, prepare a product of professional quality, and hake presentations to appropriate audiences. In collaboration with a mentor, or working independently, students hypestigate a problem, issue, or concern.	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>8142 T/H</b> 033800##
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies Irerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest What's Next? Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. 133800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 this course may be used to meet only elective course requirements for state graduation. HONORS SOCIAL STUDIES ADVANCED STUDIES TH his is an elective course where students conduct in-depth research, prepare a product of professional quality, and hake presentations to appropriate audiences. In collaboration with a mentor, or working independently, students hypertigate a problem, issue, or concern. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies irerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Instructional Material: No state-adopted instructional material(s)/Contact Social Studies Irerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> 8142 T/H 033800## Grade level: 11 – 12
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. <u>nstructional Material:</u> <i>No state-adopted instructional material(s)/Contact Social Studies</i> <u>rerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest <u>Vhat's Next?</u> Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. <u>133800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41</u> <i>this course may be used to meet only elective course requirements for state graduation</i> . <b>HONORS SOCIAL STUDIES ADVANCED STUDIES TH</b> his is an elective course where students conduct in-depth research, prepare a product of professional quality, and nake presentations to appropriate audiences. In collaboration with a mentor, or working independently, students <u>hytertigate</u> a problem, issue, or concern. <u>Instructional Material</u> ; <i>No state-adopted instructional material(s)/Contact Social Studies</i> <u>rerequisites</u> : District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Hord Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Hord Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Hord Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Hord Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Hord Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> 8142 T/H 033800## Grade level: 11 – 12 Credit(s): 0.5
Avestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies Terequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or lonors or Dual Credit US History; and student interest What's Next? Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. 33800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 his course may be used to meet only elective course requirements for state graduation. ENORS SOCIAL STUDIES ADVANCED STUDIES TH his is an elective course where students conduct in-depth research, prepare a product of professional quality, and hake presentations to appropriate audiences. In collaboration with a mentor, or working independently, students investigate a problem, issue, or concern. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies Terequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies or Dual Credit World History Studies; completion of (or taken concurrently) AP or lonors or Dual Credit US History; and student interest	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> 8142 T/H 033800## Grade level: 11 – 12
Avestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced bottent for up to four state elective credits. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies Terequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World eography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or lonors or Dual Credit US History; and student interest (hat's Next? Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. 33800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 his course may be used to meet only elective course requirements for state graduation. IONORS SOCIAL STUDIES ADVANCED STUDIES TH his is an elective course where students conduct in-depth research, prepare a product of professional quality, and hake presentations to appropriate audiences. In collaboration with a mentor, or working independently, students investigate a problem, issue, or concern. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies rerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World eography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or onors or Dual Credit US History; and student interest (/// Advis) (Advis): AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or onors or Dual Credit US History; and student interest	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> 8142 T/H 033800## Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): NA
Avestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced content for up to four state elective credits. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies rerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World eography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or lonors or Dual Credit US History; and student interest (hat's Next? Core course per recommended sequence for graduation and/or any elective social studies course that can be applied toward a humanities endorsement. 33800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 his course may be used to meet only elective course requirements for state graduation. <b>IONORS SOCIAL STUDIES ADVANCED STUDIES TH</b> his is an elective course where students. In collaboration with a mentor, or working independently, students investigate a problem, issue, or concern. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies rerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World isography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) and the presentations to appropriate audiences. In collaboration with a mentor, or working independently, students instructional Material: No state-adopted instructional material(s)/Contact Social Studies rerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World isography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or lonors or Dual Credit US History; and student interest (hat's Next? Any elective course that can be applied toward a humanities endorsement. 33800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31,	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> 8142 T/H 033800## Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): NA
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. <u>Instructional Material:</u> No state-adopted instructional material(s)/Contact Social Studies <u>rerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Jonors or Dual Credit US History; and student interest <u>Vhat's Next?</u> Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. <u>J33800##-</u> 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 his course may be used to meet only elective course requirements for state graduation. <u>HONORS SOCIAL STUDIES ADVANCED STUDIES TH</u> his is an elective course where students conduct in-depth research, prepare a product of professional quality, and hake presentations to appropriate audiences. In collaboration with a mentor, or working independently, students <u>nestructional Material</u> ; No state-adopted instructional material(s)/Contact Social Studies <u>rerequisites</u> : District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest <u>Vhat's Next?</u> Any elective course that can be applied toward a humanities endorsement. <u>J3800##-</u> 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 <b>TUDENT LEADERSHIP AB</b>	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> 8142 T/H 033800## Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier II</b>
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced content for up to four state elective credits. <u>nstructional Material:</u> <i>No state-adopted instructional material(s)/Contact Social Studies</i> <u>Prerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> 8142 T/H 033800## Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier II</b> 8141 AB
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced content for up to four state elective credits. <u>instructional Material:</u> <i>No state-adopted instructional material(s)/Contact Social Studies</i> <u>rerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or fonors or Dual Credit US History; and student interest <u>What's Next?</u> Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. <i>33800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41</i> <i>This course may be used to meet only elective course requirements for state graduation</i> . <b>HONORS SOCIAL STUDIES ADVANCED STUDIES TH</b> This is an elective course where students conduct in-depth research, prepare a product of professional quality, and nake presentations to appropriate audiences. In collaboration with a mentor, or working independently, students <u>nvestigate a problem, issue, or concern</u> . <u>Instructional Material:</u> <i>No state-adopted instructional material(s)/Contact Social Studies</i> <u>Prerequisites</u> : District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest <u>What's Next?</u> Any elective course that can be applied toward a humanities endorsement. 133800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 <b>STUDENT LEADERSHIP AB</b> Provides students the opportunity to study and develop individual leadership and organizational skills (e.g.	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> 8142 T/H 033800## Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier II</b> 8141 AB
nvestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced content for up to four state elective credits. <u>Instructional Material:</u> No state-adopted instructional material(s)/Contact Social Studies <u>Prerequisites:</u> District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or donors or Dual Credit US History; and student interest <u>What's Next?</u> Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. 133800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 This course may be used to meet only elective course requirements for state graduation. <b>HONORS SOCIAL STUDIES ADVANCED STUDIES TH</b> This is an elective course where students conduct in-depth research, prepare a product of professional quality, and nake presentations to appropriate audiences. In collaboration with a mentor, or working independently, students nvestigate a problem, issue, or concern. <u>Instructional Material</u> ; No state-adopted instructional material(s)/Contact Social Studies <u>Prerequisites</u> ; District Recommendation: AP Human Geography AB or Honors World Geography Studies or World Geography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or Honors or Dual Credit US History; and student interest <u>What's Next?</u> Any elective course that can be applied toward a humanities endorsement. 133800##- 1st Time ##=21, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 <b>STUDENT LEADERSHIP AB</b> Provides students the opportunity to study and develop individual leadership and organizational skills (e.g. lecision making, problem solving, communications, human relations, and civic responsibility). Teachers are to use	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> 8142 T/H 033800## Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier II</b> 8141 AB
Avestigate a problem, issue, or concern. Social Studies Advanced Studies may be repeated with different advanced ontent for up to four state elective credits. Astructional Material: No state-adopted instructional material(s)/Contact Social Studies Terequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World ieography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or lonors or Dual Credit US History; and student interest What's Next? Core course per recommended sequence for graduation and/or any elective social studies course hat can be applied toward a humanities endorsement. 3800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 his course may be used to meet only elective course requirements for state graduation. <b>IDOROR SOCIAL STUDIES ADVANCED STUDIES TH</b> his is an elective course where students conduct in-depth research, prepare a product of professional quality, and hake presentations to appropriate audiences. In collaboration with a mentor, or working independently, students westigate a problem, issue, or concern. Structional Material: No state-adopted instructional material(s)/Contact Social Studies rerequisites: District Recommendation: AP Human Geography AB or Honors World Geography Studies or World ieography Studies; AP or Honors or Dual Credit World History Studies; completion of (or taken concurrently) AP or lonors or Dual Credit US History; and student interest Vhat's Next? Any elective course that can be applied toward a humanities endorsement. 33800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 his is an elective course that can be applied toward a humanities endorsement. 33800##- 1st Time ##=01, 2nd Time ##=21, 3rd Time ##=31, 4th Time ##=41 his is poster -adopted instructional material(s)/Contact Social Studies rerequisites; District Recommendation: AP Human	Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> 8142 T/H 033800## Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier II</b> 8141 AB

<u>Prerequisites:</u> None <u>What's Next?</u> Core course per recommended sequence for graduation and/or any elective social studies course	College Hour(s): NA <b>Tier III</b>
that can be applied toward a humanities endorsement social studies elective. Course taught by TASSP curriculum trained teachers. This course is not eligible for application toward the social	
studies humanities endorsement. Contact Social Studies with questions. HONORS STUDENT LEADERSHIP ABH	8140 ABH
Provides students the opportunity for advanced study and development of individual leadership and organizational	N1290010
skills (e.g. decision making, problem solving, communications, human relations, and civic responsibility). Teachers	
are to use the course curriculum provided by the Texas Association of Secondary School Principals (TAASP) and	
differentiate it to meet Honors-level expectations. Training in the use of this curriculum is also required. State	
elective graduation credit. (Innovative Course).	
Instructional Material: Course curriculum provided by the Texas Association of Secondary School Principals	Grade level: 9 - 12
(TAASP)/Contact Social Studies	Credit(s): 1
Prerequisites: District Recommendation: Successful completion and/or concurrent enrollment in Honors or AP or Dual Credit coursework.	College Hour(s): NA <b>Tier II</b>
What's Next? Core course per recommended sequence for graduation and/or any elective social studies course	Tier II
that can be applied toward a humanities endorsement social studies elective.	
Course taught by TASSP curriculum trained teachers. This course is not eligible for application toward the social	
studies humanities endorsement. Contact Social Studies with questions.	
SPECIAL TOPICS IN SOCIAL STUDIES: AMERICAN CULTURE STUDIES T	8038 T
Provides an opportunity for an in-depth examination of various cultural or ethnic groups in the United States. The	033800##
course is designed to develop appreciation and respect for cultural diversity and the contributions made by various	
groups to the American landscape while incorporating the skills and content understanding needed by students to	
be successful on the United States History End-of-Course Exam.	
Instructional Material: No state-adopted instructional material(s)/Contact Social Studies	Grade level: 11 – 12
Prerequisites: District Recommendation: World Geography Studies; World History Studies; completion of (or taken concurrently) US History; teacher, recommendation; parental approval.	Credit(s): 0.5 College Hour(s): NA
What's Next? Core course per recommended sequence for graduation and/or any elective social studies course	Tier III
that can be applied toward a humanities endorsement social studies elective.	
033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 Special Topics may be repeated with	
different topics for up to two state credits.	
DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: PHILOSOPHY T	8039 T
TCC Course: Introduction to Philosophy (PHIL 1301)	
TWU Course: Intro to Ethics (REL 1313)	
	033800##
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications.	
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301)	Grade level: 11 – 12
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: None	Grade level: 11 – 12 Credit(s): 0.5
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12	Grade level: 11 – 12 Credit(s): 0.5
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b>	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b>
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: <i>TCC Course: Introduction to Philosophy (PHIL 1301)</i> FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. <i>Special Topics may be repeated with different topics for up to two</i> <i>state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42</i> <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b> <b>TCC Course: Introduction to World Religions (PHIL 1304)</b>	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b>
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) <u>FWISD Prerequisites:</u> None <u>TCC Prerequisites:</u> ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 <u>TWU Prerequisites:</u> Only offered at Dunbar Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b> <b>TCC Course: Introduction to World Religions (PHIL 1304)</b> This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: <i>TCC Course: Introduction to Philosophy (PHIL 1301)</i> <u>FWISD Prerequisites:</u> None <u>TCC Prerequisites:</u> ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 <u>TWU Prerequisites:</u> Only offered at Dunbar Course taught by an approved adjunct instructor. <i>Special Topics may be repeated with different topics for up to two</i> <i>state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42</i> <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b> <b>TCC Course: Introduction to World Religions (PHIL 1304)</b> This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: <i>TCC Course: Introduction to Philosophy (PHIL 1301)</i> <u>FWISD Prerequisites:</u> None <u>TCC Prerequisites:</u> ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 <u>TWU Prerequisites:</u> Only offered at Dunbar Course taught by an approved adjunct instructor. <i>Special Topics may be repeated with different topics for up to two</i> <i>state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42</i> <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b> <b>TCC Course: Introduction to World Religions (PHIL 1304)</b> This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs.	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800##
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b> <b>TCC Course</b> : Introduction to World Religions (PHIL 1304) This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs. Instructional Material: TCC Course: Introduction to World Religions (PHIL 1304)	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800## Grade level: 9 - 12
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: <i>TCC Course: Introduction to Philosophy (PHIL 1301)</i> <u>FWISD Prerequisites:</u> None <u>TCC Prerequisites:</u> ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 <u>TWU Prerequisites:</u> Only offered at Dunbar Course taught by an approved adjunct instructor. <i>Special Topics may be repeated with different topics for up to two</i> <i>state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42</i> <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b> <b>TCC Course: Introduction to World Religions (PHIL 1304)</b> This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs. Instructional Material: TCC Course: Introduction to World Religions (PHIL 1304) <u>FWISD Prerequisites:</u> None	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800## Grade level: 9 - 12 Credit(s): 0.5
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b> <b>TCC Course: Introduction to World Religions (PHIL 1304)</b> This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs. Instructional Material: TCC Course: Introduction to World Religions (PHIL 1304) EWISD Prerequisites: None TCC Prerequisites: None	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800## Grade level: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b> <b>TCC Course: Introduction to World Religions (PHIL 1304)</b> This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs. Instructional Material: TCC Course: Introduction to World Religions (PHIL 1304) EWISD Prerequisites: None <u>TCC Prerequisites:</u> None Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800## Grade level: 9 - 12 Credit(s): 0.5
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: <i>TCC Course: Introduction to Philosophy (PHIL 1301)</i> FWISD Prerequisites: None <u>TCC Prerequisites:</u> ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 <u>TWU Prerequisites:</u> Only offered at Dunbar Course taught by an approved adjunct instructor. <i>Special Topics may be repeated with different topics for up to two</i> <i>state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42</i> <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b> <b>TCC Course: Introduction to World Religions (PHIL 1304)</b> This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs. Instructional Material: TCC Course: Introduction to World Religions (PHIL 1304) <u>FWISD Prerequisites:</u> None <u>TCC Prerequisites:</u> None <u>TCC Prerequisites:</u> None <u>Course taught by an approved adjunct instructor. <i>Special Topics may be repeated with different topics for up to two</i> <i>state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42</i></u>	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800## Grade level: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b>
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b> <b>TCC Course: Introduction to World Religions (PHIL 1304)</b> This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs. Instructional Material; TCC Course: Introduction to World Religions (PHIL 1304) FWISD Prerequisites: None TCC Prerequisites: None TCC Prerequisites: None Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES B</b>	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800## Grade level: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: <i>TCC Course: Introduction to Philosophy (PHIL 1301)</i> FWISD Prerequisites: None TCC Prerequisites: None TCC Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. <i>Special Topics may be repeated with different topics for up to two</i> <i>state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42</i> <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b> <b>TCC Course: Introduction to World Religions (PHIL 1304)</b> This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs. Instructional Material: TCC Course: Introduction to World Religions (PHIL 1304) FWISD Prerequisites: None TCC Prerequisites: None TCC Prerequisites: None Course taught by an approved adjunct instructor. <i>Special Topics may be repeated with different topics for up to two</i> <i>state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42</i> <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES B</b> <b>TCC Prerequisites:</b> None	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800## Grade level: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b>
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: <i>TCC Course: Introduction to Philosophy (PHIL 1301)</i> FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. <i>Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42</i> DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A TCC Course: Introduction to World Religions (PHIL 1304) This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs. Instructional Material: TCC Course: Introduction to World Religions (PHIL 1304) FWISD Prerequisites: None TCC Prerequisite	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800## Grade level: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 B
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material: TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A TCC Course: Introduction to World Religions (PHIL 1304) This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs. Instructional Material: TCC Course: Introduction to World Religions (PHIL 1304) EWISD Prerequisites: None TCC Prerequisites: None TCC Course: Social Problems (SOCI 1306) In this course, students will apply social science principles and perspectives to explore major social problems in contemporary society such as inequality, crime and violence, substance abuse, environmental issues, deviance, or	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800## Grade level: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 B
A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material; <i>TCC Course: Introduction to Philosophy (PHIL 1301)</i> FWISD Prerequisites: None TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. <i>Special Topics may be repeated with different topics for up to two</i> <i>state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42</i> <b>DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A</b> <b>TCC Course: Introduction to World Religions (PHIL 1304)</b> This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs. Instructional Material; TCC Course: Introduction to World Religions (PHIL 1304) FWISD Prerequisites: None TCC Prerequisites: None CCC Prerequisites: None CCC Prerequisites: None CCC Prerequisites: None CCC Prerequisites: None CCC Prerequisites: None CCC Preceduisites: None CCC Preceduisite	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800## Grade level: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 B
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A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material, TCC Course: Introduction to Philosophy (PHIL 1301) FWISD Prerequisites: NGL-1301 with a grade of C or TSI compliant in reading Early College High School Grade Placement 10-12 TWU Prerequisites: Only offered at Dunbar Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A TCC Course: Introduction to World Religions (PHIL 1304) This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs. Instructional Materiai; TCC Course: Introduction to World Religions (PHIL 1304) FWISD Prerequisites; None CCC Prerequisites; None CCL Prerequisites; None CCL Prerequisites; None CCL Prerequisites; None CCC Prerequisites; NONE	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800## Grade level: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 B 033800## Grade level: 10 - 12 Credit(s): 0.5
TWU Course: Intro to Ethics (REL 1313)         A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Instructional Material; TCC Course: Introduction to Philosophy (PHIL 1301)         FWISD Prerequisites: None       TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading         Early College High School Grade Placement 10-12       TWU Prerequisites: Only offered at Dunbar         Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800## - 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42         DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A         TCC Course: Introduction to World Religions (PHIL 1304)         This course engages students in a comparative study of world religions including, but not limited to Hinduism, Buddhism, Judaism, Christianity and Islam. In addition to understanding their historical development, cultural expressions and spatial distribution students will consider what it means to live in a world where people have diverse religious beliefs.         Instructional Material: TCC Course: Introduction to World Religions (PHIL 1304)         FWISD Prerequisites: None         ICC Course:	Grade level: 11 – 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 A 033800## Grade level: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b> 8004 B 033800## Grade level: 10 - 12

SPECIAL TOPICS IN SOCIAL STUDIES: LATINO/A STUDIES T	8041 T/H
Students explore LatinX and Chicano/Chicana experiences from the pre-Columbian era to the present day. Topics	033800##
of study include an examination of the historical, economic, social, and cultural contributions of people and	
descendants of Mexico, Central and South America, and the Caribbean. Through their exploration of these topics,	
students will investigate the diversity of Latino(a)/Chicano(a) culture, ponder the various factors that have come to	
form their identities, and analyze how their experiences have shaped American society today. This course provides	
authentic academic experiences and is designed to prepare students for success in college and in their chosen	
careers. Students are expected to conduct in-depth research, prepare a product of professional quality, and make	
presentations to appropriate audiences as part of this course.	
Instructional Material: No state-adopted instructional material(s)/Contact Social Studies	
<u>Prerequisites:</u> World Geography Studies if taken for core social studies graduation credit. * Enrolled concurrently in	Grade level: 10 – 12
United States History Studies, Government, or Economics if taken as an elective; student interest	Credit(s): 0.5
<u>What's Next?</u> Students planning to take ethnic studies as a graduation eligible credit should take 8045 T in the	College Hour(s): NA
Spring semester. Students taking the course as an elective may take a Core course per recommended sequence for	Tier II
graduation and/or any elective social studies course that can be applied toward a humanities endorsement.	
*When paired with 8045T this Ethnic Studies course may be used in place of World History Studies to satisfy core	
social studies graduation credit.	
5	
033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 Special Topics may be repeated with different topics for up to two state credits.	
	0042 T
DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: LATINO/A STUDIES T	8043 T
UTA Course: Introduction to Mexican-American Studies (MAS 2300)	022000##
This online course is an introduction to the multi-disciplinary field of Mexican-American Studies. By the end of the	033800##
course, students will gain an understanding of important moments in Mexican-American history, key cultural	
concepts in Mexican American cultural studies, and the issues confronting Latinos/as today.	
Instructional Material: UTA Course: Intro. to Mexican-American Studies (MAS 2300)	
FWISD Prerequisites: World Geography Studies; World History Studies; completion of US History or taken	Grade level: 11-12
concurrently; student interest	Credit(s): 0.5
UTA Prerequisites: Admission into UTA's Honors Academy Dual Credit Program	College Hour(s): 3 hours
033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42	Tier I
Special Topics may be repeated with different topics for up to two state credits.	
DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: LATINO/A STUDIES T	8043 T
TCC Course: Mexican-American History I to 1876 (HIST 2327)	
Historical, economic, social, and cultural development of Mexican-Americans/Chicanos/Chicanas. (May be applied	033800##
to US History requirement.)	
Instructional Material: TCC Course: Mexican-American History I to 1876 (HIST 2327)	
<u>FWISD Prerequisites:</u> World Geography and World History	Grade level: 11-12
TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading	Credit(s): 0.5
Early College High School Grade Placement 10-12	College Hour(s): 3 hours
Course taught by an approved adjunct instructor.	Tier I
Special Topics may be repeated with different topics for up to two state credits.	
033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42	
SPECIAL TOPICS IN SOCIAL STUDIES: A HISTORY OF HEALTH AND MEDICINE TH	8044 T/H
Provides students enrolled at the Texas Academy of Biomedical Sciences an opportunity for an in-depth	033800##
examination of health and medical topics related to the school's mission; including historical influences on public	
health, the evolution of scientific and medical advances on health throughout history, as well as changing	
perceptions and approaches to professional practice in the biomedical fields. The course is designed in a seminar	
format and will provide opportunities to develop college and career readiness skills through the robust class	
discussions as well as conducting research for and the writing of a historical paper.	
Instructional Material: No state-adopted instructional material(s)/Contact Social Studies	Grade level: 12
Prerequisites: World Geography Studies; World History Studies; US History; student interest	Credit(s): 0.5
<u>What's Next?</u> N/A	College Hour(s): NA
033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42	Tier II
Special Topics may be repeated with different topics for up to two state credits.	
Offered only at: TABS	
	80/5 T/L
ETHNIC STUDIES: AFRICAN AMERICAN STUDIES T	8045 T/H
Students explore African and African-American history from ancient times to the present. During this study,	03380085
students develop a rich understanding of the causes, character, and consequences of the African American	
students develop a rich understanding of the causes, character, and consequences of the African American experience as well as the way individual contributions shape the political, economic, and cultural landscape in the	
students develop a rich understanding of the causes, character, and consequences of the African American experience as well as the way individual contributions shape the political, economic, and cultural landscape in the local community, the United States, and the World. Students are expected to conduct in-depth research, prepare a	
students develop a rich understanding of the causes, character, and consequences of the African American experience as well as the way individual contributions shape the political, economic, and cultural landscape in the local community, the United States, and the World. Students are expected to conduct in-depth research, prepare a product of professional quality, and make presentations to appropriate audiences as part of this course.	
students develop a rich understanding of the causes, character, and consequences of the African American experience as well as the way individual contributions shape the political, economic, and cultural landscape in the local community, the United States, and the World. Students are expected to conduct in-depth research, prepare a product of professional quality, and make presentations to appropriate audiences as part of this course. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies/Locally adopted text is	Grade level: 10 – 12
students develop a rich understanding of the causes, character, and consequences of the African American experience as well as the way individual contributions shape the political, economic, and cultural landscape in the local community, the United States, and the World. Students are expected to conduct in-depth research, prepare a product of professional quality, and make presentations to appropriate audiences as part of this course. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies/Locally adopted text is Freedom on My Mind (2 <sup>nd</sup> Edition) from Bedford Freeman & Worth	Credit(s): 0.5
students develop a rich understanding of the causes, character, and consequences of the African American experience as well as the way individual contributions shape the political, economic, and cultural landscape in the local community, the United States, and the World. Students are expected to conduct in-depth research, prepare a product of professional quality, and make presentations to appropriate audiences as part of this course. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies/Locally adopted text is Freedom on My Mind (2 <sup>nd</sup> Edition) from Bedford Freeman & Worth Prerequisites: World Geography Studies if taken for core social studies graduation credit. * Enrolled concurrently in	Credit(s): 0.5 College Hour(s): NA
students develop a rich understanding of the causes, character, and consequences of the African American experience as well as the way individual contributions shape the political, economic, and cultural landscape in the local community, the United States, and the World. Students are expected to conduct in-depth research, prepare a product of professional quality, and make presentations to appropriate audiences as part of this course. Instructional Material: No state-adopted instructional material(s)/Contact Social Studies/Locally adopted text is Freedom on My Mind (2 <sup>nd</sup> Edition) from Bedford Freeman & Worth	Credit(s): 0.5

What's Next? Students planning to take ethnic studies as a graduation eligible credit should take 8041 T in the Fall. Core course per recommended sequence for graduation and/or any elective social studies course that can be applied toward a humanities endorsement. \*When paired with 8041T this Ethnic Studies course may be used in place of World History Studies to satisfy core social studies graduation credit. DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: TEXAS GOVERNMENT T 8073 T TCC Course: Texas Government (GOVT 2306) Origin and development of the Texas Constitution, structure and powers of state and local government, federalism 033800## and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas. Instructional Material: TCC Course: Texas Government (GOVT 2306) FWISD Prerequisites: None Grade level: N/A TCC Prerequisites: ENGL-1301 with a grade of C or TSI compliant in reading Credit(s): 0.5 College Hour(s): 3 hours What's Next? N/A Early College High School Grade Placement 10-12 Tier I Course taught by an approved adjunct instructor. DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: PRINCIPLES OF MICROECONOMICS T 8095 T TCC Course: Principles of Microeconomics (ECON 2302) Analysis of the behavior of individual economic agents, including consumer behavior and demand, producer 033800## behavior and supply, price and output decisions by firms under various market structures, factor markets, market failures, and international trade. Instructional Material: TCC Course: Principles of Microeconomics (ECON 2302) Grade level: 11 - 12 Credit(s): 0.5 FWISD Prerequisites: United States History I College Hour(s): 3 hours What's Next? N/A ECHS Grade: 10-12 Course taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 Tier I PERSONAL FINANCIAL LITERACY T 8145 T 03380082 Personal financial literacy is designed to be an interactive research-based course where students learn to apply critical-thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and post-secondary education and training. Grade level: 10-12 Instructional Material: No state-adopted instructional material(s)/Contact Social Studies Prerequisites: District Recommendations: AP Human Geography AB or Honors World Geography Studies or World Credit(s): 0.5 Geography Studies; and student interest. College Hour(s): NA What's Next? Core course per recommended sequence for graduation and/or any elective social studies course Tier III that can be applied toward a humanities endorsement. 8147 T DUAL CREDIT PERSONAL FINANCIAL LITERACY T TWU Course: Personal Finance (FIN 1325) This course offers an introduction to the planning and management of the financial status of an individual. Topics 03380082 will include personal budgeting, car and home loan financial analysis, a survey of investment opportunities and retirement planning. Instructional Material: TWU Personal Finance (FIN 1325) Grade level: 9 - 12 FWISD Prerequisites: None Credit(s): 0.5 TWU Prerequisites: None College Hour(s): 3 hours This course is offered as part of the Early College High School program at Dunbar High School. Course must be Tier I taught by an approved adjunct instructor SPECIAL TOPICS IN SOCIAL STUDIES: HONORS UNITED STATES MILITARY HISTORY ABH 5975 ABH 5976 ABH 5978 ABH This course presents a comprehensive U. S. Military History review, providing students an awareness of responsible 033800## leadership roles of men and women in past and present history. Students will gain an understanding of U.S. military history and strategy from an intellectual, social, economic and political perspective. Students will apply critical-Grade level: 10 - 12 thinking skills to understand the impact of geographic factors, current world events and the role of diplomacy from HS Credit(s): 1 the perspective of both scholars and from the perspective of those who have fought our wars. Cadet leaders are College Hour(s): N/A provided the opportunity to participate in world affairs discussions and seminars, staff rides to military installations, Tier II museums, historic battlefields and monuments, panel discussions, community service projects, leadership labs, leadership camps, as well as participation in classroom discussion, and debate projects on local and world events. Students will gain a world-view perspective and a greater appreciation and understanding of culture, history and government.

Instructional Materials: Provided by ROTC Department/Locally adopted textbook - Lookingbill's The American Military: A Narrative History, John Wiley Press, 2014, ISBN: 9781444337365 Prerequisites: Student must have completed JROTC I or seeking Humanities Endorsement.

033800## - 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42

SPECIAL TOPICS IN SOCIAL STUDIES: ADVANCED WORLD HISTORY CA. 1500 AB	8053 AB
This course introduces students to the philosophy, themes, and perspectives that define the discipline of history as well as cultivating the habits of mind and skills historians use to practice their art through a study of primary and secondary texts that illuminate the history of world civilizations from prehistory to CA 1500. Students will be guided through a sophisticated curriculum that will (1) enhance their understanding of the patterns of human action that constitute civilization and culture building throughout time and (2) prepare them to consider the more contemporary world with an understanding of the history epochs that have preceded them.	Part A PEIMS: 03380002 Part B PEIMS: 03380022
<u>Instructional Material(s)</u> : No State Adopted Instructional Materials/ <i>World History and Geography</i> from McGraw- Hill/Materials integrated into the course curriculum/Contact the Social Studies Director <u>Prerequisites</u> : Concurrent enrollment in Honors English 1AB (VPA3090AB) or Honors English 2AB (VPA3092AB) <u>What's Next?</u> Honors World History 1AB (VPA8035AB) Offered ONLY at: IM Terrell VPA/STEM	Grade level: 9 Credit(s): 1 College Hour(s): NA <b>Tier 1</b>
Core course as part of the Humanities Academy at IM Terrell sequence for graduation. Taken in place of World Geography Studies, successful completion of this course satisfies 1 of the 4 social studies credits the district requires for graduation. Students earning credit for this course must take World History Studies, United States History Studies, Government and Economics as the remaining 3 social studies credits to satisfy state graduation requirements. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42 Special Topics may be repeated with different topics for up to two state credits.	
DUAL CREDIT SPECIAL TOPICS IN SOCIAL STUDIES: GEOGRAPHY THEMES AND PERSPECTIVES A TWU Course: Social Justice (SSC 2360)	8002 A
This course is a General Education Course within the Social Sciences designed as a collaboration between different disciplines. The intention is to provide you with a more holistic view looking at the world and your place within that world.	033800##
Instructional Material: TWU Personal Finance (FIN 1325) <u>FWISD Prerequisites:</u> None <u>TWU Prerequisites</u> : None This course is offered as part of the Early College High School program at Dunbar High School. Course must be taught by an approved adjunct instructor. Special Topics may be repeated with different topics for up to two state credits. 033800##- 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42.	Grade level: 9 - 12 Credit(s): 0.5 College Hour(s): 3 hours <b>Tier I</b>
PEER ASSISTANCE & LEADERSHIP (PAL®) I AB	0662 AB
PAL courses serve as a peer-mentoring program in which students are trained as peer facilitators on their campus and at feeder campuses. The courses provide field experience for students who are potentially interested in careers in education and related helping professions. Positive peer influence will be utilized as a central strategy for addressing such issues as at-risk youth, dropout prevention, substance abuse prevention, teen pregnancy, suicide,	N1290005
absenteeism, low achievement, behavior problems, students with special needs and other areas of concern.	Grade level: 10-12
<u>Instructional Material:</u> No state-adopted instructional material(s)/Contact Social Studies Director <u>Prerequisites:</u> None <u>What's Next?</u> PALS II Course taught by PAL® Curriculum trained teachers. State elective graduation credit (Innovative Course). This course is not eligible for application toward the social studies humanities endorsement. Contact Social Studies with questions.	Credit(s): 1 College Hour(s): NA <b>Tier III</b>
PEER ASSISTANCE & LEADERSHIP (PAL®) II AB	0663 AB
PAL courses serve as a peer-mentoring program in which students are trained as peer facilitators on their campus and at feeder campuses. The course is an extension of PALS I where students will engage in service learning	N1290006
projects in addition to mentoring students. Leadership skills and tools are studied.	Grade level: 11-12
<u>Instructional Material:</u> No state-adopted instructional material(s)/Contact Social Studies Director <u>Prerequisites:</u> None <u>What's Next?</u> NA	Credit(s): 1 College Hour(s): NA <b>Tier III</b>
Course taught by PAL® Curriculum trained teachers. State elective graduation credit (Innovative Course). This course is not eligible for application toward the social studies humanities endorsement. Contact Social Studies with questions.	

# FINE ARTS – VISUAL & PERFORMING ARTS

Visual Arts	
Art	Page 3
Performing Arts	
Choral Music	Page 19
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Instrumental Music	Page 24
Dance	Page 29
Theatre Arts	Page 34

# FINE/VISUAL & PERFORMING ARTS GRADUATION REQUIREMENTS

# ALL STUDENTS ARE REQUIRED to take ONE Fine Arts credit

# All Foundation Plans (22 & 26 credits)

Fine Arts (1 credit) may be selected from the following categories (see chart on next page for all courses available within each category):

- Art Level I, II, III, IV
- Dance Level I, II, III, IV
- Music Level I, II, III, IV
- Music Studies
- Theatre Level I, II, III, IV
- Musical Theatre Level I, II, III, IV
- Technical Theatre Level I, II, III, IV
- Additional Courses

#### Courses identified as local credit only or state elective credit will not qualify as meeting the fine arts requirement.

College Board Advanced Placement and International Baccalaureate courses may be substituted for requirements in appropriate areas.

**Note:** In order to progress to a Level II studio art course, the student must successfully complete either Level I, 1010 Art I AB or 1051 Honors Art I ABH or Art and Media Communications I 1093 AB.

# A student must take both semesters of the same course to satisfy the one credit required for graduation.

Under the state Endorsement category for Arts and Humanities: A Fine Arts Endorsement may be completed by a coherent sequence of four credits by selecting courses from one or two categories or disciplines in Fine Arts. The course taken to complete the Fine Arts one credit requirement may also count as a course within an endorsement.

Example of **Fine Arts Endorsement** with a coherent sequence from **one category**:

- Art Level I
- Art Level II
- Art Level III
- Art Level IV

Example of **Fine Arts Endorsement** with a coherent sequence from **two categories**:

- Music Level I
- Music Level II
- Art Level I
- Art Level II

# CLASSES THAT FULFILL THE ONE FINE ARTS CREDIT

A student must take both semesters of the same course to satisfy the one credit required for graduation. To receive an Arts & Humanities endorsement, a student must select a coherent sequence of four courses, subject to prerequisites, from one or two of the categories listed below:

	Level I	Level II	Level III	Level IV
Art	Art I     Art Appreciation	<ul> <li>Art II</li> <li>Drawing I</li> <li>Painting I</li> <li>Ceramics I</li> <li>Sculpture I</li> <li>Jewelry I</li> <li>Photography I</li> </ul>	<ul> <li>Art III</li> <li>Drawing II</li> <li>Painting II</li> <li>Ceramics II</li> <li>Sculpture II</li> <li>Jewelry II</li> <li>Photography II</li> <li>AP Studio Art: Drawing Portfolio</li> <li>AP Studio Art: Two- Dimensional Design Portfolio</li> <li>AP Studio Art: Three- Dimensional Design Portfolio</li> <li>AP Studio Art: Three- Dimensional Design Portfolio</li> <li>AP Art History</li> </ul>	<ul> <li>Art IV</li> <li>Drawing III</li> <li>Painting III</li> <li>Ceramics III</li> <li>Sculpture III</li> <li>Jewelry III</li> <li>Photography III</li> <li>AP Studio Art: Drawing Portfolio</li> <li>AP Studio Art: Two- Dimensional Design Portfolio</li> <li>AP Studio Art: Three- Dimensional Design Portfolio</li> <li>AP Studio Art: Three- Dimensional Design Portfolio</li> <li>AP Art History</li> <li>OnRamps Arts and Entertainment Technologies</li> <li>VPA Capstone</li> </ul>
Dance	<ul> <li>Principles of Dance I</li> <li>Dance and Media Communications I</li> <li>Jazz I</li> <li>Modern/Contemporary I</li> <li>Tap I</li> <li>Ballet I</li> <li>World Dance Forms I</li> <li>Dance Composition &amp; Improvisation I</li> <li>Dance Wellness I</li> <li>Dance Production I</li> <li>Dance History I</li> </ul>	<ul> <li>Principles of Dance II</li> <li>Dance and Media Communications II</li> <li>Jazz II</li> <li>Modern/Contemporary II</li> <li>Tap II</li> <li>Ballet II</li> <li>World Dance Forms II</li> <li>Dance Performance &amp; Ensemble II</li> <li>Dance Wellness II</li> <li>Dance Production II</li> <li>Dance History II</li> </ul>	<ul> <li>Principles of Dance III</li> <li>Jazz III</li> <li>Modern/Contemporary III</li> <li>Tap III</li> <li>Ballet III</li> <li>World Dance Forms III</li> <li>Dance Performance &amp; Ensemble III</li> <li>Dance Wellness III</li> <li>Dance Production III</li> </ul>	<ul> <li>Principles of Dance IV</li> <li>Jazz IV</li> <li>Modern/Contemporary IV</li> <li>Tap IV</li> <li>Ballet IV</li> <li>World Dance Forms IV</li> <li>Dance Performance &amp; Ensemble IV</li> <li>Dance Wellness IV</li> <li>Dance Production IV</li> <li>VPA Capstone</li> </ul>
Music	<ul> <li>Band I</li> <li>Choir I</li> <li>Orchestra I</li> <li>Jazz Ensemble I</li> <li>Instrumental Ensemble I</li> <li>Vocal Ensemble I</li> <li>Mariachi I</li> <li>Piano I</li> <li>Guitar I</li> <li>Jazz Improvisation I</li> <li>World Music Ensemble I</li> </ul>	<ul> <li>Band II</li> <li>Choir II</li> <li>Orchestra II</li> <li>Jazz Ensemble II</li> <li>Instrumental Ensemble II</li> <li>Vocal Ensemble II</li> <li>Mariachi II</li> <li>Piano II</li> <li>Guitar II</li> <li>Jazz Improvisation II</li> <li>World Music Ensemble II</li> </ul>	<ul> <li>Band III</li> <li>Choir III</li> <li>Orchestra III</li> <li>Jazz Ensemble III</li> <li>Instrumental Ensemble III</li> <li>Vocal Ensemble III</li> <li>Mariachi III</li> <li>Piano III</li> <li>Guitar III</li> <li>Jazz Improvisation III</li> <li>World Music Ensemble III</li> </ul>	<ul> <li>Band IV</li> <li>Choir IV</li> <li>Orchestra IV</li> <li>Jazz Ensemble IV</li> <li>Instrumental Ensemble IV</li> <li>Vocal Ensemble IV</li> <li>Vocal Ensemble IV</li> <li>Mariachi IV</li> <li>Piano IV</li> <li>Guitar IV</li> <li>Jazz Improvisation IV</li> <li>World Music Ensemble IV</li> <li>VPA Capstone</li> </ul>
Music Studies	<ul> <li>Music Theory I</li> <li>Music Production I</li> <li>Music &amp; Media Communications I</li> <li>AP Music Theory</li> </ul>	<ul> <li>Music Theory II</li> <li>Music Production II</li> <li>Music &amp; Media Communications II</li> </ul>	<ul> <li>Ethnomusicology</li> <li>Music &amp; Movement</li> </ul>	Ethnomusicology
Theatre	<ul> <li>Theatre Arts I</li> <li>Theatre and Media Communications I</li> <li>Theatre Production I</li> </ul>	<ul> <li>Theatre Arts II</li> <li>Theatre and Media Communications II</li> <li>Theatre Production II</li> </ul>	Theatre III     Theatre Production III	<ul> <li>Theater Arts IV</li> <li>Theatre Production IV</li> <li>VPA Capstone</li> </ul>

	Level I	Level II	Level III	Level IV
Musical Theatre	Musical Theatre I	Musical Theatre II	Musical Theatre III	Musical Theatre IV     VPA Capstone
Technical Theatre	Technical Theatre I	Technical Theatre II	Technical Theatre III	<ul><li>Technical Theater IV</li><li>VPA Capstone</li></ul>
Additional Courses	<ul> <li>Principles and Elements of Floral Design</li> <li>Digital Art and Animation</li> <li>3-D Modeling and Animation</li> </ul>			

# Fine Arts

# ALL fine arts courses must be taken for the full year.

# **VISUAL ARTS**

L	evel I - IV	Level II- IV		Level III & IV	
General A	art Courses	Specialized	Art Courses	Advanced Placement	
<b>Art I-IV</b> 101	0*, 1023, 1033, 1042	Ceramics	1022, 1024, 1026	AP Studio Art: Drawing Portfolio	1041
Art Appreciation	1008*	Drawing	1012, 1037, 1076	AP Studio Art: Two-Dimensional	
Honors Art I	1051	Jewelry	1032, 1034, 1036	Design Portfolio	1043
Note: Some students w	,	Painting	1016, 1029, 1080	AP Studio Art: Three-Dimensional Design Portfolio	1020
Art, Level I requirement	in 8th grade.	Photography	1018, 1030, 1084	AP Art History	1048
* Art I or Honors Art I me to enrolling in a more s	•	Sculpture	1028, 1092, 1099		
studio course. Honors course enrollment is based on portfolio review and successful completion of foundational skills assessment		Honors Art II	1025	AP Art Courses may be taken as Art Level III and/or . and/or Portfolio review and Art Teacher recommend	

Students must complete both A and B to receive state graduation credit for fine arts.

Honors Art courses are also available.

#### ART, LEVEL I, ART APPRECIATION AB

Instructional Material: NA

Art Appreciation introduces the visual arts to students with a focus on developing an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures. Students develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original artwork using art media and tools in drawing, painting, printmaking, sculpture, ceramics, fiber art, design, and digital art and media. Students develop a portfolio of their artwork and acquire the skills to analyze the artworks of self and others. Art Appreciation is a two-semester sequence course with the first semester being a prerequisite to the second semester. 1008 AB

03500110 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA **Tier III** 

Instructional Material: MA	
<u>Prerequisites:</u> None	
What's Next? Any Art Level II specialized art courses	
HONORS ART, LEVEL I, ART APPRECIATION ABH	1009 ABH
Honors Art Appreciation introduces the visual arts to students with a focus on developing an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures. Students develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original artwork using art	03500110
media and tools in drawing, painting, printmaking, sculpture, ceramics, fiber art, design, and digital art and media.	Grade level: 9 – 12
Students develop a portfolio of their artwork and acquire the skills to analyze the artworks of self and others. Honors	Credit(s): 1
level students will expand their art appreciation ability and understanding to a higher degree with a final project	College Hour(s): NA
related to the exploration of visual art forms and their relationship to culture, history, media, and society. Honors Art	Tier II
Appreciation is a two-semester sequence course with the first semester being a prerequisite to the second semester.	
nstructional Material: NA	
Prerequisites: Student interest	
<u><i>Nhat's Next?</i></u> Any Art Level II specialized art courses Course taught by a locally certified gifted teacher.	
DUAL CREDIT ART, LEVEL I, ART APPRECIATION AB	1108 AB
TCC COURSE: Art Appreciation (ARTS 1301)	03500110
TWU COURSE: Basic Art (FAR 1311)	
Dual Credit Art Appreciation introduces the visual arts to students with a focus on developing an understanding of	ECHS Grade level: 9-12
art history and culture by analyzing artistic styles, historical periods, and a variety of cultures. Students develop and	Grade level: NA
expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world	Credit(s): 1
by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It	College Hour(s): 3
offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original artwork using art	Tier I
media and tools in drawing, painting, printmaking, sculpture, ceramics, fiber art, design, and digital art and media.	
Students develop a portfolio of their artwork and acquire the skills to analyze the artworks of self and others. Honors	
level students will expand their art appreciation ability and understanding to a higher degree with a final project	
related to the exploration of visual art forms and their relationship to culture, history, media, and society. Dual Credit	
Art Appreciation is a one-semester course. nstructional Material: NA	
WISD & TCC Prerequisites: None	
<u>IWU Prerequisites:</u> Only offered at Dunbar	
What's Next? NA Course taught by an approved District or adjunct instructor.	
ART, LEVEL I, ART I AB	1010 AB
Art I develops and expands visual literacy skills in students using critical thinking, imagination, and the senses to	03500100
bbserve and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions hrough original artwork using art media and tools in drawing, painting, printmaking, sculpture, ceramics, fiber art,	
design, and digital art and media while developing a portfolio of their artwork. Students develop an understanding	Grade level: 9 – 12
of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability	Credit(s): 1
o respond to and analyze the artworks of self and others. Art I is a two-semester sequence course with the first	College Hour(s): NA
emester being a prerequisite to the second semester.	Tier III
nstructional Material: eBook: The Visual Experience, Davis Publications; ISBN: 978-1-61528-328-6	
Prerequisites: None	
<u>What's Next?</u> Any Art Level II specialized Art courses	
IONORS ART, LEVEL I, ART I ABH	1051 ABH
lonors Art I develops and expands visual literacy skills in students using critical thinking, imagination, and the	03500100
senses to observe and explore the world by learning about, understanding, and applying the elements of art,	
principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or	Grade level: 9 – 12
mpressions through original artwork using art media and tools in drawing, painting, printmaking, sculpture,	Credit(s): 1
ceramics, fiber art, design, and digital art and media. Students create a portfolio with rigorous assignments. Students	College Hour(s): NA
develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of colf and others. Honors level students will	Tier II
cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors level students will expand their art ability and understanding to a higher degree with a final project related to the exploration of visual	

HS FINE ARTS/VISUAL & PERFORMING ARTS - Page | 4

arts. Honors Art I is a two-semester sequence course with the first semester a prerequisite to the second semester.

Instructional Material: eBook: The Visual Experience, Davis Publications; ISBN: 978-1-61528-328-6	
Prerequisites: Evaluation of student portfolio/teacher recommendation	
What's Next? Any Art Level II specialized Art course	
Course tought by a leadly contified aited or AD trained togeher. This course compares on Heners course	

_Course taught by a locally certified gifted or AP trained teacher. This course serves as an Honors course.	
DUAL CREDIT ART, LEVEL I, ART I AB	1011 AB
TCC Course: Design I (2-Dimensional) (ARTS 1311)	
Dual Credit Art I develops and expands visual literacy skills in students using critical thinking, imagination, and the	03500100
senses to observe and explore the world by learning about, understanding, and applying the elements of art,	
principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or	ECHS Grade level: 9-12
impressions through original artwork using art media and tools in drawing, painting, printmaking, photography,	Grade level: NA
design, and digital art and media. Students create a portfolio with rigorous assignments. Students develop an	Credit(s): 1

understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Dual Credit Art I is a one-semester course.

Instructional Material: NA <u>FWISD & TCC Prerequisites:</u> None <u>What's Next?</u> Design II Course taught by an approved District or adjunct instructor.

Course taught by an approved District or adjunct instructor.	
ART, LEVEL II, ART II AB	1023 AB
Art II develops and expands visual literacy skills using critical thinking, imagination, and the senses to observe and	03500200
explore the world by learning about, understanding, and applying the elements of art, principles of design, and	
expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through	
original artwork using art media and tools in drawing, painting, printmaking, sculpture, ceramics, fiber art, jewelry,	
mixed media, photography, and digital art and media while developing a portfolio of their artwork. Students	Grade level: 9 – 12
develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of	
cultures, as well as the ability to respond to and analyze the artworks of self and others. Art II is a two-semester	
sequence course with the first semester being a prerequisite to the second semester.	
Instructional Material: eBook: The Visual Experience, Davis Publications; ISBN: 978-1-61528-328-6	Credit(s): 1
Prerequisites: Art I	College Hour(s): NA
What's Next? Art III or any specialized Level II Art course	Tier III
HONORS ART, LEVEL II, ART II ABH	1025 ABH
Honors Art II develops and expands visual literacy skills using critical thinking, imagination, and the senses to	03500200
observe and explore the world by learning about, understanding, and applying the elements of art, principles of	
design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions	
through original artwork using art media and tools in drawing, painting, printmaking, sculpture, ceramics, fiber art,	
jewelry, mixed media, photography, and digital art and media while developing a portfolio of their artwork. Students	
develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of	
cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors Art II provides	
advanced art instruction to understand sustained investigation, selected works, and written evidence. Art II is a two-	
semester sequence course with the first semester being a prerequisite to the second semester.	
Instructional Material: eBook: The Visual Experience, Davis Publications; ISBN: 978-1-61528-328-6 Textbook: 1201 -	Grade level: 10 – 12
The Visual Experience, Davis Publications; ISBN: 978-0-87192-627-2	Credit(s): 1
Prerequisites: Honors Art Level I, Art Portfolio and teacher recommendation	College Hour(s): NA
What's Next? Honors Art Level III, Advanced Placement Art, or any specialized Level II Art course	Tier II
Course taught by a locally certified gifted or AP trained teacher. This course serves as an Honors course.	
DUAL CREDIT ART, LEVEL II, ART II AB	1147 AB
TCC Course: Design II (3-Dimensional) (ARTS 1312)	
Dual Credit Art II develops and expands visual literacy skills using critical thinking, imagination, and the senses to	03501210
observe and explore the world by learning about, understanding, and applying the elements of art, principles of	
design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions	ECHS Grade level: 9-12
through original artwork using art media and tools in sculpture, ceramics, fiber art, jewelry, mixed media, while	Grade level: NA
developing a portfolio of their artwork. Students develop an understanding of art history and culture by analyzing	Credit(s): 1
artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the	College Hour(s): 3
artworks of self and others. Dual Credit Art II is a one-semester course.	Tier I

Instructional Material: NA <u>FWISD & TCC Prerequisites:</u> ARTS 1311 <u>What's Next?</u> NA Course taught by an approved District or adjunct instructor.

#### ART, LEVEL III, ART III AB Art III expands visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive

world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers an advanced level opportunity to communicate thoughts, feelings, ideas, or impressions through original artwork. It emphasizes the processes and techniques in using art media and tools in drawing, painting, printmaking, sculpture, ceramics, fiber art, jewelry, mixed media, photography, and digital art and media while developing a portfolio of their artwork. Students develop an understanding of art history and culture by analyzing

Grade level: 10 - 12

1033 AB

03500300

College Hour(s): 3

Tier I

artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the	Credit(s): 1
artworks of self and others. Art III is a two-semester sequence course with the first semester being a prerequisite to the second semester.	College Hour(s): NA <b>Tier III</b>
Instructional Material: eBook: The Visual Experience, Davis Publications; ISBN: 978-1-61528-328-6	
Prerequisites: Art Level II	
What's Next? Art level IV, Advanced Placement Art or any specialized Level II Art course	
HONORS ART, LEVEL III, ART III ABH	1035 AB/H
Honors Art III expands visual literacy skills using critical thinking, imagination, and the senses to observe and explore	03500300
the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers an advanced level opportunity to communicate thoughts, feelings, ideas, or impressions through	Grade level: 10 – 12
original artwork. It emphasizes the processes and techniques in using art media and tools in drawing, painting,	Credit(s): 1
printmaking, sculpture, ceramics, fiber art, jewelry, mixed media, photography, and digital art and media. Students	College Hour(s): NA
create a portfolio with rigorous assignments. Students develop an understanding of art history and culture by	Tier II
analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze	
the artworks of self and others. Honors Art III is a two-semester sequence course with the first semester being a	
prerequisite to the second semester. Instructional Material: eBook: The Visual Experience, Davis Publications; ISBN: 978-1-61528-328-6	
Prereguisites: Art Level II	
What's Next? Art level IV, Advanced Placement Art or any specialized Level II Art course	
Course taught by a locally certified gifted teacher.	
ART, LEVEL IV, ART IV AB	1042 AB
Art IV further expands visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive	03500400
qualities. It offers an advanced level opportunity to communicate thoughts, feelings, ideas, or impressions through	
original artwork. It emphasizes the advanced processes and techniques in using art media and tools in drawing,	
painting, printmaking, sculpture, ceramics, fiber art, jewelry, mixed media, photography, and digital art and media	
while developing a portfolio of their artwork. Students develop an understanding of art history and culture by	Grade level: 11 – 12
analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze	Credit(s): 1
the artworks of self and others. Art IV is a two-semester sequence course with the first semester being a prerequisite to the second semester.	College Hour(s): NA <b>Tier III</b>
Instructional Material: eBook: The Visual Experience, Davis Publications; ISBN: 978-1-61528-328-6	
Prerequisites: Art Level III	
What's Next? Advanced Placement Art or any Level III specialized Art course	
HONORS ART, LEVEL IV, ART IV ABH	1045 ABH
Honors Art IV further expands visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and	03500400
expressive qualities. It offers an advanced level opportunity to communicate thoughts, feelings, ideas, or impressions	Grade level: 11 – 12
through original artwork. It emphasizes the advanced processes and techniques in using art media and tools in	Credit(s): 1
drawing, painting, printmaking, sculpture, ceramics, fiber art, jewelry, mixed media, photography, and digital art and	College Hour(s): NA
media. Students create a portfolio with rigorous assignments and demonstrate grown in skill level. Students develop	Tier II
an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors Art IV is a two-semester	
sequence course with the first semester being a prerequisite to the second semester.	
Instructional Material: eBook: The Visual Experience, Davis Publications; ISBN: 978-1-61528-328-6	
Prerequisites: Art Level III	
What's Next? Advanced Placement Art or any Level III specialized Art course	
	1072 40
OnRAMPS ART IV, ARTS AND ENTERTAINMENT TECHNOLOGIES AB OR	<b>1073 AB</b>
OnRAMPS ART IV, ARTS AND ENTERTAINMENT TECHNOLOGIES AB OR This course presents a broad overview of digital media technologies, software, and applications along with the	<b>1073 AB</b> 03503220
OnRAMPS ART IV, ARTS AND ENTERTAINMENT TECHNOLOGIES AB OR This course presents a broad overview of digital media technologies, software, and applications along with the fundamental concepts of digital representations of images and signals. Students study an assortment of	
OnRAMPS ART IV, ARTS AND ENTERTAINMENT TECHNOLOGIES AB OR This course presents a broad overview of digital media technologies, software, and applications along with the fundamental concepts of digital representations of images and signals. Students study an assortment of entertainment concepts and experiences, discover the underlying technology involved, and learn how this technology is delivered to the participant. Students also consider the cultural, philosophical, ethical, and practical	03503220 Grade level: 11-12 Credit(s): 1
OnRAMPS ART IV, ARTS AND ENTERTAINMENT TECHNOLOGIES AB OR This course presents a broad overview of digital media technologies, software, and applications along with the fundamental concepts of digital representations of images and signals. Students study an assortment of entertainment concepts and experiences, discover the underlying technology involved, and learn how this technology is delivered to the participant. Students also consider the cultural, philosophical, ethical, and practical aspects of entertainment technology. Using a hybrid delivery approach, students meet rigorous university-level	03503220 Grade level: 11-12 Credit(s): 1 College Hour(s): 3
OnRAMPS ART IV, ARTS AND ENTERTAINMENT TECHNOLOGIES AB OR This course presents a broad overview of digital media technologies, software, and applications along with the fundamental concepts of digital representations of images and signals. Students study an assortment of entertainment concepts and experiences, discover the underlying technology involved, and learn how this technology is delivered to the participant. Students also consider the cultural, philosophical, ethical, and practical aspects of entertainment technology. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and a high	03503220 Grade level: 11-12 Credit(s): 1
OnRAMPS ART IV, ARTS AND ENTERTAINMENT TECHNOLOGIES AB OR This course presents a broad overview of digital media technologies, software, and applications along with the fundamental concepts of digital representations of images and signals. Students study an assortment of entertainment concepts and experiences, discover the underlying technology involved, and learn how this technology is delivered to the participant. Students also consider the cultural, philosophical, ethical, and practical aspects of entertainment technology. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and a high school credit from their local teacher.	03503220 Grade level: 11-12 Credit(s): 1 College Hour(s): 3
OnRAMPS ART IV, ARTS AND ENTERTAINMENT TECHNOLOGIES AB OR This course presents a broad overview of digital media technologies, software, and applications along with the fundamental concepts of digital representations of images and signals. Students study an assortment of entertainment concepts and experiences, discover the underlying technology involved, and learn how this technology is delivered to the participant. Students also consider the cultural, philosophical, ethical, and practical aspects of entertainment technology. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and a high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin	03503220 Grade level: 11-12 Credit(s): 1 College Hour(s): 3
DnRAMPS ART IV, ARTS AND ENTERTAINMENT TECHNOLOGIES AB OR This course presents a broad overview of digital media technologies, software, and applications along with the fundamental concepts of digital representations of images and signals. Students study an assortment of entertainment concepts and experiences, discover the underlying technology involved, and learn how this technology is delivered to the participant. Students also consider the cultural, philosophical, ethical, and practical aspects of entertainment technology. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and a high school credit from their local teacher. <u>nstructional Material:</u> Selected and provided by the University of Texas at Austin Prerequisites: Art 1 (1010AB); or Art & Media Communications (1093AB/1095ABH); and basic computer literacy <u>What's Next?</u> Any Level IV specialized course or Advanced Placement Art course	03503220 Grade level: 11-12 Credit(s): 1 College Hour(s): 3
DnRAMPS ART IV, ARTS AND ENTERTAINMENT TECHNOLOGIES AB OR This course presents a broad overview of digital media technologies, software, and applications along with the fundamental concepts of digital representations of images and signals. Students study an assortment of entertainment concepts and experiences, discover the underlying technology involved, and learn how this eechnology is delivered to the participant. Students also consider the cultural, philosophical, ethical, and practical aspects of entertainment technology. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and a high school credit from their local teacher. <u>nstructional Material:</u> Selected and provided by the University of Texas at Austin <u>Prerequisites:</u> Art 1 (1010AB); or Art & Media Communications (1093AB/1095ABH); and basic computer literacy <u>What's Next?</u> Any Level IV specialized course or Advanced Placement Art course 'Only offered at I.M Terrell VPA	03503220 Grade level: 11-12 Credit(s): 1 College Hour(s): 3 <b>Tier I</b>
OnRAMPS ART IV, ARTS AND ENTERTAINMENT TECHNOLOGIES AB OR This course presents a broad overview of digital media technologies, software, and applications along with the fundamental concepts of digital representations of images and signals. Students study an assortment of entertainment concepts and experiences, discover the underlying technology involved, and learn how this technology is delivered to the participant. Students also consider the cultural, philosophical, ethical, and practical aspects of entertainment technology. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and a high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: Art 1 (1010AB); or Art & Media Communications (1093AB/1095ABH); and basic computer literacy What's Next? Any Level IV specialized course or Advanced Placement Art course *Only offered at I.M Terrell VPA ART, LEVEL II, CERAMICS I AB	03503220 Grade level: 11-12 Credit(s): 1 College Hour(s): 3 <b>Tier I</b> 1022 AB
Course taught by a locally certified gifted teacher. ONRAMPS ART IV, ARTS AND ENTERTAINMENT TECHNOLOGIES AB OR This course presents a broad overview of digital media technologies, software, and applications along with the fundamental concepts of digital representations of images and signals. Students study an assortment of entertainment concepts and experiences, discover the underlying technology involved, and learn how this technology is delivered to the participant. Students also consider the cultural, philosophical, ethical, and practical aspects of entertainment technology. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and a high school credit from their local teacher. Instructional Material: Selected and provided by the University of Texas at Austin Prerequisites: Art 1 (1010AB); or Art & Media Communications (1093AB/1095ABH); and basic computer literacy What's Next? Any Level IV specialized course or Advanced Placement Art course *Only offered at I.M Terrell VPA ART, LEVEL II, CERAMICS I AB Ceramics I is an in-depth exploration of clay construction to produce functional and sculptural artwork. Students develop and expand their visual literacy skills using critical thinking imagination, and the senses to observe and	03503220 Grade level: 11-12 Credit(s): 1 College Hour(s): 3 <b>Tier I</b>
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Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Ceramics I is a two-semester sequence course with the first semester being a prerequisite to the second semester.	College Hour(s): NA <b>Tier III</b>
Instructional Material: eBook: Experience Clay, Davis Publications; ISBN: 978-1-61528-326-2	
Prerequisites: Art I	
What's Next? Ceramics II; AP Three-Dimensional Design Art Portfolio, any specialized Level II art course	
HONORS ART, LEVEL II, CERAMICS I ABH	1081 ABH
Honors Ceramics I is an in-depth exploration of clay construction to produce functional and sculptural artwork.	03500900
Students develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original ceramic artwork in pinch, coil, and slab processes. Students create a digital portfolio with rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors Ceramics I is a two-semester sequence course with the first semester being a prerequisite to the second	
semester.	
Instructional Material: eBook: Experience Clay, Davis Publications; ISBN: 978-1-61528-326-2 Textbook: 1204 –	Grade level: 9 – 12
Experience Clay, Davis Publications; ISBN: 978-1-61528-030-8	Credit(s): 1
<u>Prerequisites:</u> Art I	College Hour(s): NA
What's Next? Ceramics II; AP Three-Dimensional Design Art Portfolio, any specialized Level II art course	Tier II
Course taught by a locally certified gifted teacher.	1122 40
DUAL CREDIT ART, LEVEL II, CERAMICS I AB	<b>1122 AB</b> 03500900
TCC Course: Ceramics I (ARTS 2346)	05500900
Dual Credit Ceramics I is an in-depth exploration of clay construction to produce functional and sculptural artwork.	
Students develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and	Grade level: 9 – 12
expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through	ECHS Grade level: 9-12
original ceramic artwork in pinch, coil, and slab processes. Students create a digital portfolio with rigorous	Credit(s): 1
assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical	College Hour(s): 3
periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others.	Tier I
Dual Credit Ceramics I is a one-semester sequence course.	
Instructional Material: NA	
<u>FWISD Prerequisites:</u> Art I	
<u>TCC Prerequisites:</u> None	
<u>What's Next?</u> NA	
Course taught by an approved District or adjunct instructor.	
ART, LEVEL III, CERAMICS II AB	1024 AB
Ceramics II is an in-depth exploration of clay construction to produce functional and sculptural artwork. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It	03501800
offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original ceramic artwork in	Grade level: 10 – 12
pinch, coil, and slab processes. Student explore specialized glazing techniques and glass applications all while	Credit(s): 1
developing a digital portfolio of their artwork. Students develop an understanding of art history and culture by	College Hour(s): NA
analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze	Tier III
the artworks of self and others. Ceramics II is a two-semester sequence course with the first semester being a	
prerequisite to the second semester.	
<u>nstructional Material:</u> eBook: Experience Clay, Davis Publications; ISBN: 978-1-61528-326-2 Prerequisites: Ceramics I	
<u>Prerequisites.</u> Ceramics I <u>What's Next?</u> Ceramics III, AP Three-Dimensional Design Art Portfolio, any specialized Level II Art course	
HONORS ART, LEVEL III, CERAMICS II ABH	1083 ABH
	03501800
Honors Ceramics II is an in-depth exploration of clay construction to produce functional and sculptural artwork	
Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore	
Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive	Grade level: 10 – 12
Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original ceramic	Grade level: 10 – 12 Credit(s): 1
Honors Ceramics II is an in-depth exploration of clay construction to produce functional and sculptural artwork. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original ceramic artwork in pinch, coil, and slab processes. Student explore specialized glazing techniques and glass applications all while developing a digital portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors Ceramics II is a two-semester	

sequence course with the first semester being a prerequisite to the second semester.

Instructional Material: eBook: Experience Clay, Davis Publications; ISBN: 978-1-61528-326-2

Prerequisites: Ceramics I; Evaluation of student portfolio and teacher recommendation

<u>What's Next?</u> Ceramics III, AP Three-Dimensional Design Art Portfolio, any specialized Level II Art course *Course taught by a locally certified gifted teacher*.

# DUAL CREDIT ART, LEVEL III, CERAMICS II AB TCC Course: Ceramics II (ARTS 2347)

Instructional Material: NA FWISD Prerequisites: Ceramics I

Dual Credit Ceramics II is an in-depth exploration of clay construction to produce functional and sculptural artwork. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original ceramic artwork in pinch, coil, and slab processes. Student explore specialized glazing techniques and glass applications all while developing a digital portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Dual Credit Ceramics II is a one-semester course that is a continuation of ARTS 2346.

1124 AB

03501800

ECHS Grade level: 10-12 Grade level: 10 – 12 Credit(s): 1 College Hour(s): 3 **Tier I** 

	erequisites: None	
-	Next? NA	
	taught by an approved District or adjunct instructor.	
ART, I	LEVEL IV, CERAMICS III AB	1026 AB
Cerami	ics III is an in-depth exploration of clay construction to produce functional and sculptural artwork which	03502700
represe	ent the personal style of the student. Students further expand their visual literacy skills using critical thinking,	
imagin	ation, and the senses to observe and explore the world by learning about, understanding, and applying the	
elemer	nts of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts,	Grade level: 11 – 12
feeling	s, ideas, or impressions through original ceramic artwork in pinch, coil, and slab processes. Student explore	Credit(s): 1
special	ized glazing techniques and glass applications all while developing a digital portfolio of their artwork.	College Hour(s): NA
Studen	ts develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a	Tier III
variety	of cultures, as well as the ability to respond to and analyze the artworks of self and others. Ceramics IV is a	
two-se	mester sequence course with the first semester being a prerequisite to the second semester.	
<u>Instruc</u>	tional Material: eBook: Experience Clay, Davis Publications; ISBN: 978-1-61528-326-2	
Prerequ	uisites: Ceramics II; Evaluation of student portfolio/teacher recommendation	
<u>What's</u>	Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course	
HONO	DRS ART, LEVEL IV, CERAMICS III ABH	1085 ABH
	Ceramics III is an in-depth exploration of clay construction to produce functional and sculptural artwork	03502700
	represent the personal style of the student. Students further expand their visual literacy skills using critical	Grade level: 11 – 12
thinkin	g, imagination, and the senses to observe and explore the world by learning about, understanding, and	
applyir	g the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate	
though	nts, feelings, ideas, or impressions through original ceramic artwork in pinch, coil, and slab processes. Student	
explore	e specialized glazing techniques and glass applications all while developing a digital portfolio of their artwork	
compri	sing of rigorous assignments. Students develop an understanding of art history and culture by analyzing	
artistic	styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the	
artworl	ks of self and others. Honors Ceramics IV is a two-semester sequence course with the first semester being a	
	uisite to the second semester.	
	tional Material: eBook: Experience Clay, Davis Publications; ISBN: 978-1-61528-326-2	Credit(s): 1
	uisites: Ceramics II; Evaluation of student portfolio and teacher recommendation	College Hour(s): NA
	Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course	Tier II
Course	taught by a locally certified gifted teacher	
ART, I	LEVEL II, DRAWING I AB	1012 AB
Drawin	g I is an in-depth exploration of the fundamentals of drawing. Students develop and expand their visual	03500500
	v skills using critical thinking, imagination, and the senses to observe and explore the world by learning about,	
	tanding, and applying the elements of art, principles of design, and expressive qualities. It offers the	
	unity to communicate thoughts, feelings, ideas, or impressions through original drawn artwork in a variety of	
	while developing a portfolio of their artwork. Students develop an understanding of art history and culture by	Grade level: 9 – 12
analyzi	ng artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze	Credit(s): 1
the art	works of self and others. Drawing I is a two-semester sequence course with the first semester being a	College Hour(s): NA
prereq	uisite to the second semester.	Tier III
	tional Material: NA	
	<u>uisites:</u> Art I	
	Next? Drawing II or any specialized Level II course	
	DRS ART, LEVEL II, DRAWING I ABH	1053 ABH
	Drawing I is an in-depth exploration of the fundamentals of drawing. Students develop and expand their	03500500
	iteracy skills using critical thinking, imagination, and the senses to observe and explore the world by learning	
	understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the	
opport	unity to communicate thoughts, feelings, ideas, or impressions through original drawn artwork in a variety of	
modia	while developing a portfolio of their artwork comprising of rigorous assignments Students develop an	

media while developing a portfolio of their artwork comprising of rigorous assignments Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors Drawing I is a two-semester sequence course with the first semester being a prerequisite to the second semester.

Instructional Material: NA	Grade level: 9 - 12
Prerequisites: Art I; Evaluation of student portfolio and teacher recommendation	Credit(s): 1
<u>What's Next?</u> Drawing II or any specialized Level II course	College Hour(s): NA
Course taught by a locally certified gifted teacher	Tier II
DUAL CREDIT ART, LEVEL II, DRAWING I AB	1112 AB
<b>TCC Course: Drawing I (ARTS 1316)</b> Dual Credit Drawing I is an in-depth exploration of the fundamentals of drawing with emphasis on descriptive,	03500500
expressive and conceptual approaches. Students develop and expand their visual literacy skills using critical thinking,	05500500
imagination, and the senses to observe and explore the world by learning about, understanding, and applying the	ECHS Grade Level: 10-12
elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts,	Grade level: NA
feelings, ideas, or impressions through original drawn artwork in a variety of media and techniques while developing	Credit(s): 1
a portfolio of their artwork comprising of rigorous assignments Students develop an understanding of art history	College Hour(s): 3
and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to	Tier I
and analyze the artworks of self and others. Dual Credit Drawing I is a one-semester course.	i iei i
Instructional Material: NA	
FWISD Prerequisites: Art I	
TCC Prerequisites: None	
What's Next? NA	
Course taught by an approved District or adjunct instructor.	
ART, LEVEL III, DRAWING II AB	1037 AB
Drawing II provides advanced training in the specialized area of drawing. Students expand their visual literacy skills	03501300
using critical thinking, imagination, and the senses to observe and explore the world by learning about,	
understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the	
opportunity to communicate thoughts, feelings, ideas, or impressions through original drawn artwork in a variety of	
media including ink, pencil, conté, charcoal, colored pencils, and other media while developing a portfolio of their	
artwork. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods,	Grade level: 10- 12
and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Drawing II is	Credit(s): 1
a two-semester sequence course with the first semester being a prerequisite to the second semester.	College Hour(s): NA
Instructional Material: NA	Tier III
Prerequisites: Art I and Drawing II	
What's Next? Drawing III or any specialized Level II Art course, AP Drawing, or AP Design	
HONORS ART, LEVEL III, DRAWING II ABH	1055 ABH
Honors Drawing II provides advanced training in the specialized area of drawing. Students expand their visual	03501300
literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about,	
understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the	
opportunity to communicate thoughts, feelings, ideas, or impressions through original drawn artwork in a variety of media including ink, pencil, conté, charcoal, colored pencils, and other media while developing a portfolio of their	
artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze	
the artworks of self and others. Honors Drawing II is a two-semester sequence course with the first semester being a	
prerequisite to the second semester.	
Instructional Material: NA	Grade level: 10 - 12
Prerequisites: Art I, Drawing II; Evaluation of student portfolio/teacher recommendation	Credit(s): 1
<u>What's Next?</u> Drawing III or any specialized Level II Art course, AP Drawing, or AP Design	College Hour(s): NA
	Tier II
Course taught by a locally certified gifted teacher	
	1137 AB
DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317)	<b>1137 AB</b> 03501300
DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317) Dual Credit Drawing II provides advanced training in the specialized area of drawing emphasis on descriptive,	
DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317) Dual Credit Drawing II provides advanced training in the specialized area of drawing emphasis on descriptive, expressive and conceptual approaches. Students expand their visual literacy skills using critical thinking, imagination,	
DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317) Dual Credit Drawing II provides advanced training in the specialized area of drawing emphasis on descriptive, expressive and conceptual approaches. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of	03501300
DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317) Dual Credit Drawing II provides advanced training in the specialized area of drawing emphasis on descriptive, expressive and conceptual approaches. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas,	03501300
DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317) Dual Credit Drawing II provides advanced training in the specialized area of drawing emphasis on descriptive, expressive and conceptual approaches. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original drawn artwork in a variety of media including ink, pencil, conté, charcoal, colored	03501300 ECHS Grade level: 10 – 12 Grade level: 10 – 12
DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317) Dual Credit Drawing II provides advanced training in the specialized area of drawing emphasis on descriptive, expressive and conceptual approaches. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original drawn artwork in a variety of media including ink, pencil, conté, charcoal, colored pencils, and other media while developing a portfolio of their artwork comprising of rigorous assignments. Students	03501300 ECHS Grade level: 10 – 12 Grade level: 10 – 12 Credit(s): 1
DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317) Dual Credit Drawing II provides advanced training in the specialized area of drawing emphasis on descriptive, expressive and conceptual approaches. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original drawn artwork in a variety of media including ink, pencil, conté, charcoal, colored pencils, and other media while developing a portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of	03501300 ECHS Grade level: 10 – 12 Grade level: 10 – 12 Credit(s): 1 College Hour(s): 3
DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317) Dual Credit Drawing II provides advanced training in the specialized area of drawing emphasis on descriptive, expressive and conceptual approaches. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original drawn artwork in a variety of media including ink, pencil, conté, charcoal, colored pencils, and other media while developing a portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Dual Credit Drawing II is a	03501300 ECHS Grade level: 10 – 12 Grade level: 10 – 12 Credit(s): 1
DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317) Dual Credit Drawing II provides advanced training in the specialized area of drawing emphasis on descriptive, expressive and conceptual approaches. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original drawn artwork in a variety of media including ink, pencil, conté, charcoal, colored pencils, and other media while developing a portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Dual Credit Drawing II is a two-semester sequence course with the first semester being a prerequisite to the second semester.	03501300 ECHS Grade level: 10 – 12 Grade level: 10 – 12 Credit(s): 1 College Hour(s): 3
DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317) Dual Credit Drawing II provides advanced training in the specialized area of drawing emphasis on descriptive, expressive and conceptual approaches. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original drawn artwork in a variety of media including ink, pencil, conté, charcoal, colored pencils, and other media while developing a portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Dual Credit Drawing II is a two-semester sequence course with the first semester being a prerequisite to the second semester. Instructional Material: NA	03501300 ECHS Grade level: 10 – 12 Grade level: 10 – 12 Credit(s): 1 College Hour(s): 3
Course taught by a locally certified gifted teacher  DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317)  Dual Credit Drawing II provides advanced training in the specialized area of drawing emphasis on descriptive, expressive and conceptual approaches. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original drawn artwork in a variety of media including ink, pencil, conté, charcoal, colored pencils, and other media while developing a portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Dual Credit Drawing II is a two-semester sequence course with the first semester being a prerequisite to the second semester. Instructional Material: NA FWISD Prerequisites: Art I, Drawing II	03501300 ECHS Grade level: 10 – 12 Grade level: 10 – 12 Credit(s): 1 College Hour(s): 3
DUAL CREDIT ART, LEVEL III, DRAWING II AB TCC Course: Drawing II (ARTS 1317) Dual Credit Drawing II provides advanced training in the specialized area of drawing emphasis on descriptive, expressive and conceptual approaches. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original drawn artwork in a variety of media including ink, pencil, conté, charcoal, colored pencils, and other media while developing a portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Dual Credit Drawing II is a two-semester sequence course with the first semester being a prerequisite to the second semester. Instructional Material: NA	03501300 ECHS Grade level: 10 – 12 Grade level: 10 – 12 Credit(s): 1 College Hour(s): 3

# ART, LEVEL IV, DRAWING III AB

Drawing III provides advanced training in the specialized area of drawing to introduce students to individual problems and styles in drawing. Students further expands their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts,

1076 AB

03502300

feelings, ideas, or impressions through original drawn artwork in a variety of media including ink, pencil, conté, charcoal, colored pencils, and other media while developing a portfolio of their artwork. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Drawing III is a two-semester sequence course with the first semester being a prerequisite to the second semester.

Grade level: 11 – 12 Credit(s): 1 College Hour(s): NA Tier III

# Instructional Material: NA

Prerequisites: Art, Level III, Drawing II

What's Next? Any specialized Level II Art course, AP Drawing, or AP Design

HONORS ART, LEVEL IV, DRAWING III ABH	1078 ABH
Honors Drawing III provides advanced training in the specialized area of drawing to introduce students to individual	03502300
problems and styles in drawing. Students further expands their visual literacy skills using critical thinking,	
imagination, and the senses to observe and explore the world by learning about, understanding, and applying the	
elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts,	
feelings, ideas, or impressions through original drawn artwork in a variety of media including ink, pencil, conté,	
charcoal, colored pencils, and other media while developing a portfolio of their artwork comprising of rigorous	
assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical	
periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others.	
Honors Drawing III is a two-semester sequence course with the first semester being a prerequisite to the second	
semester.	
Instructional Material: NA	Grade level: 11 - 12
Prerequisites: Art, Level II. Drawing II; evaluation of student portfolio/ teacher recommendation.	Credit(s): 1
What's Next? Any specialized Level II Art course, AP Drawing, or AP Design	College Hour(s): NA
Course taught by a locally certified gifted teacher	Tier II
ART, LEVEL II, JEWELRY I AB	1032 AB
Jewelry I affords students the opportunity to create three-dimensional pieces of jewelry using specific techniques	03501100
presented in the course. Students develop and expand their visual literacy skills using critical thinking, imagination,	
and the senses to observe and explore the world by learning about, understanding, and applying the elements of	
and the senses to observe and explore the normal by rearring about, and observe and approving the elements of	
art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas,	Grade level: 9 – 12
	Grade level: 9 – 12 Credit(s): 1
art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas,	
art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original jewelry artwork developing a digital portfolio of their artwork. Students develop an	Credit(s): 1
art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original jewelry artwork developing a digital portfolio of their artwork. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as	Credit(s): 1 College Hour(s): NA

Instructional Material: NA Prerequisites: Art I

What's Next? Jewelry II or any specialized Level II Art course

## HONORS ART, LEVEL II, JEWELRY I ABH

1087 ABH Honors Jewelry I affords students the opportunity to create three-dimensional pieces of jewelry using specific 03501100 techniques presented in the course. Students develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original jewelry artwork developing a digital portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors Jewelry I is a two-semester sequence course with the first semester being a prerequisite to the second semester.

Instructional Material: NA	Grade level: 9 - 12
Prerequisites: Art I; evaluation of student portfolio/ teacher recommendation.	Credit(s): 1
What's Next? Jewelry II or any specialized Level II Art course	College Hour(s): NA
Course taught by a locally certified gifted teacher	Tier II
DUAL CREDIT ART, LEVEL II, JEWELRY I AB	1132 AB
TCC Course: Art Metals I (ARTS 2341)	
Dual Credit Jewelry I affords students the opportunity to create three-dimensional pieces of jewelry using metal construction. Students develop and expand their visual literacy skills using critical thinking, imagination, and the	03501100
senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or	
impressions through original jewelry artwork developing a digital portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical	
pariade, and a variaty of cultures, as well as the ability to respond to and analyze the artworks of solf and others	

periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Dual Credit Jewelry Lis a one-semester sequence course

Dual credit rewelly it's a one semester sequence course.	
Instructional Material: NA	Grade level: NA
FWISD Prerequisites: Art I	Credit(s): 1
TCC Recommended Prerequisites: ARTS 1312	ECHS Grade level: 10-12
What's Next? NA	College Hour(s): 3
Course taught by an approved District or adjunct instructor.	Tier I

## ART, LEVEL III, JEWELRY II AB

Instructional Material: NA Prerequisites: Jewelry I

Jewelry II includes casting, fabrication, finishing, stone setting, limited lapidary, or a combination of these to create jewelry. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original jewelry artwork developing a digital portfolio of their artwork. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Jewelry II is a two-semester sequence course with the first semester being a prerequisite to the second semester.

# 1034 AB

03502000

Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA **Tier III** 

Prerequisites: Jewelry I	
What's Next? Jewelry III or any specialized Level II Art course	
HONORS ART, LEVEL III, JEWELRY II ABH	1089 ABH
Honors Jewelry II includes casting, fabrication, finishing, stone setting, limited lapidary, or a combination of	of these to 03502000
create jewelry. Students expand their visual literacy skills using critical thinking, imagination, and the sens	
observe and explore the world by learning about, understanding, and applying the elements of art, princi	
design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or important opportunity to communicate thoughts and the second seco	-
through original jewelry artwork developing a digital portfolio of their artwork comprising of rigorous ass	
Students develop an understanding of art history and culture by analyzing artistic styles, historical period	
variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors	Jewelry II Tier II
is a two-semester sequence course with the first semester being a prerequisite to the second semester.	
Instructional Material: NA	
Prerequisites: Jewelry I; Evaluation of student portfolio/teacher recommendation	
What's Next? Jewelry III or any specialized Level II Art course	
Course taught by a locally certified gifted teacher.	
ART, LEVEL IV, JEWELRY III AB	1036 AB
Jewelry III includes casting, fabrication, finishing, stone setting, limited lapidary, or a combination of these	
jewelry in the individual style of the students. Students further expand their visual literacy skills using critic	
thinking, imagination, and the senses to observe and explore the world by learning about, understanding	
applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to con	
thoughts, feelings, ideas, or impressions through original jewelry artwork developing a digital portfolio of	
artwork. Students develop an understanding of art history and culture by analyzing artistic styles, historica	
and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Ju	-
a two-semester sequence course with the first semester being a prerequisite to the second semester.	Grade level: 11 - 12
Instructional Material: NA	Credit(s): 1
Prerequisites: Jewelry II	College Hour(s): NA
What's Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course	Tier III
HONORS ART, LEVEL IV, JEWELRY III ABH	1091 ABH
Honors Jewelry III includes casting, fabrication, finishing, stone setting, limited lapidary, or a combination	
create jewelry in the individual style of the students. Students further expand their visual literacy skills usin	
thinking, imagination, and the senses to observe and explore the world by learning about, understanding	
applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to con	
thoughts, feelings, ideas, or impressions through original jewelry artwork developing a digital portfolio of	
artwork comprising of rigorous assignments. Students develop an understanding of art history and cultur	
analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and	d analyze
the artworks of self and others. Honors Jewelry III is a two-semester sequence course with the first semest	
prerequisite to the second semester.	ter being a
prerequisite to the second semester. Instructional Material: NA	ter being a Grade level: 11 - 12
prerequisite to the second semester. <u>Instructional Material:</u> NA <u>Prerequisites:</u> Jewelry II; Evaluation of student portfolio/teacher recommendation	ter being a Grade level: 11 - 12 Credit(s): 1
prerequisite to the second semester. <u>Instructional Material:</u> <i>NA</i> <u>Prerequisites:</u> Jewelry II; Evaluation of student portfolio/teacher recommendation <u>What's Next?</u> AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA
prerequisite to the second semester. <u>Instructional Material:</u> NA <u>Prerequisites:</u> Jewelry II; Evaluation of student portfolio/teacher recommendation <u>What's Next?</u> AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course <u>Course taught by a locally certified gifted teacher</u>	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b>
prerequisite to the second semester. Instructional Material: NA Prerequisites: Jewelry II; Evaluation of student portfolio/teacher recommendation What's Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course Course taught by a locally certified gifted teacher ART, LEVEL II, PAINTING I AB	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA Tier II 1016 AB
prerequisite to the second semester. Instructional Material: NA Prerequisites: Jewelry II; Evaluation of student portfolio/teacher recommendation What's Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course Course taught by a locally certified gifted teacher ART, LEVEL II, PAINTING I AB Painting I is an in-depth exploration of the fundamentals of painting. Students develop and expand their	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA Tier II 1016 AB Visual 03500600
prerequisite to the second semester. Instructional Material: NA Prerequisites: Jewelry II; Evaluation of student portfolio/teacher recommendation What's Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course Course taught by a locally certified gifted teacher ART, LEVEL II, PAINTING I AB Painting I is an in-depth exploration of the fundamentals of painting. Students develop and expand their literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learn	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA Tier II 1016 AB O3500600 ning about,
prerequisite to the second semester. Instructional Material: NA Prerequisites: Jewelry II; Evaluation of student portfolio/teacher recommendation What's Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course Course taught by a locally certified gifted teacher ART, LEVEL II, PAINTING I AB Painting I is an in-depth exploration of the fundamentals of painting. Students develop and expand their literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learn understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA Tier II 1016 AB Visual 03500600 ning about, ne
prerequisite to the second semester. Instructional Material: NA Prerequisites: Jewelry II; Evaluation of student portfolio/teacher recommendation What's Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course Course taught by a locally certified gifted teacher ART, LEVEL II, PAINTING I AB Painting I is an in-depth exploration of the fundamentals of painting. Students develop and expand their literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learn understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA Tier II 1016 AB visual 03500600 ning about, ne n a variety
prerequisite to the second semester. Instructional Material: NA Prerequisites: Jewelry II; Evaluation of student portfolio/teacher recommendation What's Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course Course taught by a locally certified gifted teacher ART, LEVEL II, PAINTING I AB Painting I is an in-depth exploration of the fundamentals of painting. Students develop and expand their literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learn understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in of media while developing a portfolio of their artwork. Students develop an understanding of art history a	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA Tier II 1016 AB visual 03500600 ning about, ne n a variety and culture
prerequisite to the second semester. Instructional Material: NA Prerequisites: Jewelry II; Evaluation of student portfolio/teacher recommendation What's Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course Course taught by a locally certified gifted teacher ART, LEVEL II, PAINTING I AB Painting I is an in-depth exploration of the fundamentals of painting. Students develop and expand their literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learn understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in of media while developing a portfolio of their artwork. Students develop an understanding of art history a by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA Tier II 1016 AB visual 03500600 ning about, ne n a variety and culture and
prerequisite to the second semester.         Instructional Material: NA         Prerequisites: Jewelry II; Evaluation of student portfolio/teacher recommendation         What's Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course         Course taught by a locally certified gifted teacher         ART, LEVEL II, PAINTING I AB         Painting I is an in-depth exploration of the fundamentals of painting. Students develop and expand their literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learn understanding, and applying the elements of art, principles of design, and expressive qualities. It offers th opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in of media while developing a portfolio of their artwork. Students develop an understanding of art history a by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to analyze the artworks of self and others. Painting I is a two-semester sequence course with the first semester	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA Tier II 1016 AB visual 03500600 ning about, ne n a variety and culture and ter being a
prerequisite to the second semester.         Instructional Material: NA         Prerequisites: Jewelry II; Evaluation of student portfolio/teacher recommendation         What's Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course         Course taught by a locally certified gifted teacher         ART, LEVEL II, PAINTING I AB         Painting I is an in-depth exploration of the fundamentals of painting. Students develop and expand their literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learn understanding, and applying the elements of art, principles of design, and expressive qualities. It offers th opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in of media while developing a portfolio of their artwork. Students develop an understanding of art history a by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to analyze the artworks of self and others. Painting I is a two-semester sequence course with the first semest prerequisite to the second semester.	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA Tier II 1016 AB r visual 03500600 ning about, ne n a variety and culture and ter being a Grade level: 9 - 12
prerequisite to the second semester.         Instructional Material: NA         Prerequisites: Jewelry II; Evaluation of student portfolio/teacher recommendation         What's Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course         Course taught by a locally certified gifted teacher         ART, LEVEL II, PAINTING I AB         Painting I is an in-depth exploration of the fundamentals of painting. Students develop and expand their literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learn understanding, and applying the elements of art, principles of design, and expressive qualities. It offers th opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in of media while developing a portfolio of their artwork. Students develop an understanding of art history as by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to analyze the artworks of self and others. Painting I is a two-semester sequence course with the first semest prerequisite to the second semester.         Instructional Material: eBook Experience Painting, Davis Publications; ISBN: 978-1-61528-330-9	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA Tier II 1016 AB visual 03500600 ning about, ne n a variety and culture and ter being a Grade level: 9 - 12 Credit(s): 1
prerequisite to the second semester.         Instructional Material: NA         Prerequisites: Jewelry II; Evaluation of student portfolio/teacher recommendation         What's Next? AP Three-Dimensional Design Art Portfolio or any specialized Level II Art course         Course taught by a locally certified gifted teacher         ART, LEVEL II, PAINTING I AB         Painting I is an in-depth exploration of the fundamentals of painting. Students develop and expand their literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learn understanding, and applying the elements of art, principles of design, and expressive qualities. It offers th opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in of media while developing a portfolio of their artwork. Students develop an understanding of art history a by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to analyze the artworks of self and others. Painting I is a two-semester sequence course with the first semest prerequisite to the second semester.	ter being a Grade level: 11 - 12 Credit(s): 1 College Hour(s): NA Tier II 1016 AB visual 03500600 ning about, ne n a variety and culture and ter being a Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA

HONORS ART, LEVEL II, PAINTING I ABH	1057 ABH
Honors Painting I is an in-depth exploration of the fundamentals of painting. Students develop and expand their risual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in a variety of media while developing a portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as	03500600
vell as the ability to respond to and analyze the artworks of self and others. Honor Painting I is a two-semester	
sequence course with the first semester being a prerequisite to the second semester. <u>nstructional Material:</u> eBook Experience Painting, Davis Publications; ISBN: 978-1-61528-330-9	Grade level: 9 - 12
Prerequisites: Art I; evaluation of student portfolio/ teacher recommendation. <u>What's Next?</u> Painting II, Art II; any specialized Level II Art course, or AP Two-Dimensional Design Art Portfolio <u>Course taught by a locally certified gifted teacher</u>	Credit(s): 1 College Hour(s): NA
DUAL CREDIT ART, LEVEL II, PAINTING I AB	1116 AB
ICC Course: Painting I (ARTS 2316)	03500600
Dual Credit Painting I is an in-depth exploration of the fundamentals of painting with an emphasis on color and composition. Students develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art,	
principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or mpressions through original painted artwork in a variety of media while developing a portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing	Grade level: NA ECHS Grade level: 10-12 Credit(s): 1
artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Dual Credit Painting I is a one-semester sequence course.	College Hour(s): 3 <b>Tier I</b>
nstructional Material: NA	
<u>-WISD Prerequisites:</u> Art I ICC Recommended Prerequisites: ARTS 1311 or ARTS 1316	
<u>Nhat's Next?</u> NA Course taught by an approved District or adjunct instructor.	
ART, LEVEL III, PAINTING II AB	1029 AB
Painting II is an in-depth exploration of the fundamentals of painting. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in a variety of media including, acrylic, ink, and watercolor while developing a portfolio of their artwork. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as	03501400
vell as the ability to respond to and analyze the artworks of self and others. Painting II is a two-semester sequence ourse with the first semester being a prerequisite to the second semester.	Grade level: 10 – 12
nstructional Material: eBook Experience Painting, Davis Publications; ISBN: 978-1-61528-330-9	Credit(s): 1
Prerequisites: Art I and Painting I <u>What's Next?</u> Painting III, any specialized Level II Art course, AP Two-Dimensional Design Art Portfolio, or AP Studio	College Hour(s): NA <b>Tier III</b>
Drawing Portfolio	
IONORS ART, LEVEL III, PAINTING II AB	1059 ABH
Honors Painting II is an in-depth exploration of the fundamentals of painting. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in a variety of media including, acrylic, ink, and watercolor while developing a portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical beeriods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others.	03501400
Honors Painting II is a two-semester sequence course with the first semester being a prerequisite to the second semester.	Grade level: 10 – 12 Credit(s): 1
nstructional Material: eBook Experience Painting, Davis Publications; ISBN: 978-1-61528-330-9	College Hour(s): NA
Prerequisites: Art I and Painting I, Evaluation of student portfolio/teacher recommendation <u>What's Next?</u> Painting III, any specialized Level II Art course, AP Two-Dimensional Design Art Portfolio, or AP Studio Drawing Portfolio Course to use to use the sectified with togehor.	Tier II
Course taught by a locally certified gifted teacher DUAL CREDIT ART, LEVEL III, PAINTING II AB	1129 AB
CC Course: Painting II (ARTS 2317)	03501400
Dual Credit Painting II is an in-depth exploration of the fundamentals of painting with an emphasis on individual expression. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in a variety of media including, acrylic, ink, and watercolor while developing a portfolio of heir artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by	
analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Dual Credit Painting II is a one-semester course and a continuation of ARTS 2316.	ECHS Grade level: 10-12

<u>nstructional Material:</u> NA <u>FWISD Prerequisites:</u> Art II, Painting I,	Grade level: 10 – 12 Credit(s): 1
ICC Recommended Prerequisites: ARTS 2316	College Hour(s): 3
<u>Nhat's Next?</u> NA	Tier I
Course taught by an approved District or adjunct instructor.	
ART, LEVEL IV, PAINTING III AB	1080 AB
Painting III is an in-depth exploration of the fundamentals of painting focusing on individual problems and personal style. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in a variety of media including, acrylic, ink, and watercolor while developing a portfolio of their artwork. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others.	03502400
Painting III is a two-semester sequence course with the first semester being a prerequisite to the second semester.	Grade level: 11 – 12
nstructional Material: eBook Experience Painting, Davis Publications; ISBN: 978-1-61528-330-9	Credit(s): 1
<u>Prerequisites:</u> Art III, Painting II, Evaluation of student's portfolio/teacher recommendation <u>What's Next?</u> Any specialized Level II Art course, AP Two-Dimensional Design Art Portfolio, or AP Studio Drawing Portfolio	College Hour(s): NA <b>Tier III</b>
HONORS ART, LEVEL IV, PAINTING III ABH	1082 ABH
Honors Painting III is an in-depth exploration of the fundamentals of painting focusing on individual problems and bersonal style. Students expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original painted artwork in a variety of media including, acrylic, ink, and watercolor while developing a portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors Painting III is a two-semester sequence course with the first semester being a prerequisite to the second semester.	03502400
nstructional Material: eBook Experience Painting, Davis Publications; ISBN: 978-1-61528-330-9	Grade level: 11 - 12
Prerequisites: Art III, Painting II, Evaluation of student's portfolio/teacher recommendation	Credit(s): 1
Nhat's Next? Any specialized Level II Art course, AP Two-Dimensional Design Art Portfolio, or AP Studio Drawing	College Hour(s): NA
Portfolio	Tier II
Course taught by a locally certified gifted teacher	
ART, LEVEL II, PHOTOGRAPHY I AB	1018 AB
Photography I is an in-depth exploration of the fundamentals of photography. Students develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original photographs in a using a variety of techniques while developing a portfolio of their artwork. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Students will explore related career areas such as advertising, layout and design, illustration, computer graphics and commercial photography. Photography I is a two-semester sequence course with the first semester being a prerequisite to the second semester.	03501200 Grade level: 9 - 12
nstructional Material: NA	Credit(s): 1
Prerequisites: Art I	College Hour(s): NA
What's Next? Photography II, any specialized Level II Art course, or any AP Art courses	Tier III
HONORS ART, LEVEL II, PHOTOGRAPHY I ABH	1061 ABH
Honors Photography I is an in-depth exploration of the fundamentals of photography. Students develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original photographs in a using a variety of techniques while developing a portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Students will explore related career areas such as advertising, layout and design, illustration, computer graphics and commercial obtography. Honors Photography I is a two-semester sequence course with the first semester being a prerequisite	03501200
to the second semester.	Grade level: 9 - 12
to the second semester.	Grade level: 9 - 12 Credit(s): 1

DUAL CREDIT ART, LEVEL II, PHOTOGRAPHY I AB	1118 AB
TCC Course: Photography I (Fine Arts Emphasis) (ARTS 2356)	
Introduction to the basics of photography. Includes camera operation, techniques, knowledge of chemistry, and	03501200
presentation skills. Emphasis on design, history, and contemporary trends as a means of developing an	
understanding of photographic aesthetics. Utilizes black and white film and traditional chemical darkrooms as well	ECHS Grade level: 10-12
as digital photographic laboratories. Dual Credit Photography II is a one semester course sequence course.	Grade level: NA
Instructional Material: NA	Credit(s): 1
FWISD Prerequisites: None	College Hour(s): 3
What's Next? Dual Credit Photography II (Fine Arts Emphasis) (ARTS 2357)	Tier I
Course taught by an approved District or adjunct instructor.	
ART, LEVEL III, PHOTOGRAPHY II AB	1030 AB
Photography II is an in-depth exploration of the advanced photography and photography application. Students	03502200
develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe and	
explore the world by learning about, understanding, and applying the elements of art, principles of design, and	
expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through	
original photographs in a using a variety of camera techniques, creative photography techniques, using both color	
and black and white, while developing a portfolio of their artwork. Students develop an understanding of art history	
and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to	
and analyze the artworks of self and others. Students will explore related career areas such as advertising, layout and design, illustration, computer graphics and commercial photography. Photography II is a two-semester sequence	
course with the first semester being a prerequisite to the second semester.	Grade level: 10 - 12
nstructional Material: NA	
Prerequisites: Art I and Photography I Alber's Next? Destagraphy III and specialized Level II Art sources or AD Two Dimensional Design Art Portfolio	Credit(s): 1
<u>What's Next?</u> Photography III, any specialized Level II Art course, or AP Two-Dimensional Design Art Portfolio	College Hour(s): NA
Course taught by a locally certified gifted teacher	Tier III
HONORS ART, LEVEL III, PHOTOGRAPHY II ABH	1063 ABH
Honors Photography II is an in-depth exploration of the advanced photography and photography application.	03502200
Students develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe	
and explore the world by learning about, understanding, and applying the elements of art, principles of design, and	
expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through	
original photographs in a using a variety of camera techniques, creative photography techniques, using both color	
and black and white, while developing a portfolio of their artwork comprising of rigorous assignment. Students	
develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of	
cultures, as well as the ability to respond to and analyze the artworks of self and others. Students will explore related	
career areas such as advertising, layout and design, illustration, computer graphics and commercial photography.	
Honors Photography II is a two-semester sequence course with the first semester being a prerequisite to the second	
semester.	
Instructional Material: NA	Grade level: 10 - 12
Prerequisites: Art I and Photography I; Evaluation of student's portfolio/teacher's recommendation	Credit(s): 1
<u>What's Next?</u> Photography III, any specialized Level II Art course, or AP Two-Dimensional Design Art Portfolio	College Hour(s): NA
Course taught by a locally certified gifted teacher.	Tier II
DUAL CREDIT ART, LEVEL III, PHOTOGRAPHY II AB	1130 AB
ICC Course: Photography II (Fine Arts Emphasis) (ARTS 2357)	03502200
Dual Credit Photography II is an in-depth exploration of the advanced photography and photography application.	
Students develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe	
and explore the world by learning about, understanding, and applying the elements of art, principles of design, and	
expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through	
briginal photographs in a using a variety of camera techniques, creative photography techniques, using both color	
and black and white, while developing a portfolio of their artwork comprising of rigorous assignment. Students	
levelop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of	
cultures, as well as the ability to respond to and analyze the artworks of self and others. Students will explore related	
career areas such as advertising, layout and design, illustration, computer graphics and commercial photography.	ECUS Grade lovely 10, 12
	ECHS Grade level: 10-12 Grade level: 10 – 12
Dual Credit Photography II is a one-semester sequence course and a continuation of ARTS-2356.	Grade level: 10 – 12
nstructional Material: NA WISD Proceeduisites: Art Land Photography L	Credit(s): 1
WISD Prerequisites: Art I and Photography I	College Hour(s): 3
<u>CC Required Prerequisites:</u> ARTS 2356	Tier I
<u>Vhat's Next?</u> NA	
Course taught by an approved District or adjunct instructor.	1001 45
ART, LEVEL IV, PHOTOGRAPHY III AB	1084 AB
	03503100
Photography III is an in-depth exploration of the advanced photography, photography application, and personal	
tyle in photography. Students further expand their visual literacy skills using critical thinking, imagination, and the	
tyle in photography. Students further expand their visual literacy skills using critical thinking, imagination, and the enses to observe and explore the world by learning about, understanding, and applying the elements of art,	
tyle in photography. Students further expand their visual literacy skills using critical thinking, imagination, and the enses to observe and explore the world by learning about, understanding, and applying the elements of art, rinciples of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or	
tyle in photography. Students further expand their visual literacy skills using critical thinking, imagination, and the enses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or mpressions through original photographs in a using a variety of camera techniques, creative photography	

understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Students will explore related career areas such as advertising, layout and design, illustration, computer graphics and commercial photography. Photography III is a two-semester sequence course with the first semester being a prerequisite to the second

Photography III is a two-semester sequence course with the first semester being a prerequisite to the second	
semester.	Grade level: 11 - 12
Instructional Material: NA	Credit(s): 1
P <u>rerequisites:</u> Photography II	College Hour(s): NA
<u>Nhat's Next?</u> Any specialized Level II Art course or AP Two-Dimensional Design Art Portfolio	Tier III
HONORS ART, LEVEL IV, PHOTOGRAPHY III ABH	1086 ABH
Honors Photography III is an in-depth exploration of the advanced photography, photography application, and personal style in photography. Students further expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original photographs in a using a variety of camera techniques, creative photography techniques, using both color and black and white, while developing a portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Students will explore related career areas such as advertising, layout and design, illustration, computer graphics and commercial photography. Honors Photography III is a two-semester sequence course with the first semester being a prerequisite to the second semester.	03503100
Instructional Material: NA	Grade level: 11 - 12
Prerequisites: Photography II; portfolio review	Credit(s): 1
What's Next? Any specialized Level II Art course or AP Two-Dimensional Design Art Portfolio	College Hour(s): NA
Course taught by a locally certified gifted teacher	Tier II
ART, LEVEL II, SCULPTURE I AB	1028 AB
Sculpture I is an in-depth exploration of three-dimensional work. Students develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original sculpted artwork in a variety of media including wood, paper, recycled materials, stone, and clay while developing a digital portfolio of their artwork. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Sculpture I	03501000
is a two-semester sequence course with the first semester being a prerequisite to the second semester.	Crada laval: 0 12
Instructional Material: NA	Grade level: 9 - 12 Credit(s): 1
Prerequisites: Art I	College Hour(s): NA
<u>What's Next?</u> Sculpture II, any specialized Level II Art course, or AP Three-Dimensional Design (Sculpture)	Tier III
HONORS ART, LEVEL II, SCULPTURE I ABH	1069 ABH
Honors Sculpture I is an in-depth exploration of three-dimensional work. Students develop and expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original sculpted artwork in a variety of media including wood, paper, recycled materials, stone, and clay while developing a digital portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors Sculpture I is a two-semester sequence course with the first semester being a prerequisite to the second semester.	03501000
Instructional Material: NA	Grade level: 9 - 12
Prerequisites: Art I	Credit(s): 1
What's Next? Sculpture II, any specialized Level II Art course, or AP Three-Dimensional Design (Sculpture)	College Hour(s): NA
Course taught by a locally certified gifted teacher	Tier II
DUAL CREDIT ART, LEVEL II, SCULPTURE I AB	1128 AB
TCC Course: Sculpture I (ARTS 2326)	03501000
Dual Credit Honors Sculpture I is an in-depth exploration of three-dimensional work. Students develop and expand	
their visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original sculpted artwork in a variety of media including wood, paper, recycled materials, stone, and clay while developing a digital portfolio of	
	ECHS Grade level: 10-12
analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze	Grade level: 9 - 12
analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors Sculpture I is a one-semester sequence course.	
analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors Sculpture I is a one-semester sequence course. Instructional Material: NA	Grade level: 9 - 12
their artwork comprising of rigorous assignments. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors Sculpture I is a one-semester sequence course. Instructional Material: NA <u>FWISD Prerequisites:</u> Art I <u>TCC Recommended Prerequisites:</u> ARTS 1312	Grade level: 9 - 12 Credit(s): 1
analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Honors Sculpture I is a one-semester sequence course. <u>Instructional Material:</u> NA <u>FWISD Prerequisites:</u> Art I	Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3

ART, LEVEL III, SCULPTURE II AB	1092 AB
culpture II is an in-depth exploration of three-dimensional work. Students expand their visual literacy skills using ritical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, nd applying the elements of art, principles of design, and expressive qualities. It offers the opportunity to ommunicate thoughts, feelings, ideas, or impressions through original sculpted artwork in a variety of media ncluding wood, paper, recycled materials, stone, and clay while developing a digital portfolio of their artwork. tudents develop an understanding of art history and culture by analyzing artistic styles, historical periods, and a ariety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Sculpture II is a	03501900
wo-semester sequence course with the first semester being a prerequisite to the second semester.	Grade level: 10 - 12
nstructional Material: NA	Credit(s): 1
<u>rerequisites:</u> Sculpture I <u>Vhat's Next?</u> Sculpture III, any specialized Level II Art course, or AP Three-Dimensional Design (Sculpture)	College Hour(s): NA <b>Tier III</b>
ionors art, level III, sculpture II abb	1071 ABH
Ionors Sculpture II is an in-depth exploration of three-dimensional work. Students expand their visual literacy skills sing critical thinking, imagination, and the senses to observe and explore the world by learning about, nderstanding, and applying the elements of art, principles of design, and expressive qualities. It offers the portunity to communicate thoughts, feelings, ideas, or impressions through original sculpted artwork in a variety f media including wood, paper, recycled materials, stone, and clay while developing a digital portfolio of their rtwork comprising of rigorous assignments. Students develop an understanding of art history and culture by nalyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze he artworks of self and others. Honors Sculpture II is a two-semester sequence course with the first semester being	03501900
prerequisite to the second semester.	Creade Javaly 10 12
<u>nstructional Material:</u> NA <u>rerequisites:</u> Sculpture I; evaluation of student portfolio/teacher recommendation	Grade level: 10 - 12 Credit(s): 1
<u>Vhat's Next?</u> Sculpture III, any specialized Level II Art course, or AP Three-Dimensional Design (Sculpture)	College Hour(s): NA
ourse taught by a locally certified gifted teacher	Tier II
DUAL CREDIT ART, LEVEL III, SCULPTURE II AB	1192 AB
<b>CC Course: Sculpture II (ARTS 2327)</b> Dual Credit Sculpture II is an in-depth exploration of three-dimensional work with an emphasis on individual.	03501900
tudents expand their visual literacy skills using critical thinking, imagination, and the senses to observe and explore he world by learning about, understanding, and applying the elements of art, principles of design, and expressive ualities. It offers the opportunity to communicate thoughts, feelings, ideas, or impressions through original culpted artwork in a variety of media including wood, paper, recycled materials, stone, and clay while developing a igital portfolio of their artwork comprising of rigorous assignments. Students develop an understanding of art istory and culture by analyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to espond to and analyze the artworks of self and others. Dual Credit Sculpture II is a one-semester course and a ontinuation of ARTS 2326.	ECHS Grade level: 10-12 Grade level: 10 – 12
nstructional Material: NA	Credit(s): 1
WISD Prerequisites: Sculpture I	College Hour(s): 3
CC Recommended Prerequisites: ARTS 2326	Tier I
<u>Vhat's Next?</u> NA Tourse taught by an approved District or adjunct instructor.	
NRT, LEVEL IV, SCULPTURE III AB	1099 AB
culpture III is an in-depth exploration of three-dimensional work. Students further expand their visual literacy skills sing critical thinking, imagination, and the senses to observe and explore the world by learning about, nderstanding, and applying the elements of art, principles of design, and expressive qualities. It offers the poptrunity to communicate thoughts, feelings, ideas, or impressions through original sculpted artwork in a variety f media including wood, paper, recycled materials, stone, and clay while developing a digital portfolio of their rtwork. Students develop an understanding of art history and culture by analyzing artistic styles, historical periods, nd a variety of cultures, as well as the ability to respond to and analyze the artworks of self and others. Sculpture III is a two-semester sequence course with the first semester being a prerequisite to the second semester.	03502800 Grade level: 11 - 12
<u>nstructional Material:</u> NA <u>rerequisites:</u> Sculpture II; <u>Vhat's Next?</u> Any specialized Level II Art course or AP Three-Dimensional Design (Sculpture)	Credit(s): 1 College Hour(s): NA <b>Tier III</b>
ionors art, level IV, sculpture III alt	1100 ABH
Ionors Sculpture III is an in-depth exploration of three-dimensional work. Students further expand their visual teracy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, nderstanding, and applying the elements of art, principles of design, and expressive qualities. It offers the pportunity to communicate thoughts, feelings, ideas, or impressions through original sculpted artwork in a variety f media including wood, paper, recycled materials, stone, and clay while developing a digital portfolio of their rtwork comprising of rigorous assignments. Students develop an understanding of art history and culture by nalyzing artistic styles, historical periods, and a variety of cultures, as well as the ability to respond to and analyze he artworks of self and others. Honors Sculpture III is a two-semester sequence course with the first semester being prerequisite to the second semester.	03502800

Instructional Material: NA	Grade level: 11 - 12
Prerequisites: Sculpture II; evaluation of student portfolio/teacher recommendation	Credit(s): 1
<u>What's Next?</u> Any specialized Level II Art course or AP Three-Dimensional Design (Sculpture)	College Hour(s): NA
Course taught by a locally certified gifted teacher	Tier II
AP STUDIO ART: DRAWING PORTFOLIO AB III or IV	1041 AB
NP Drawing is an introductory college-level two-dimensional design course. Students refine and apply skills and deas they develop throughout the course to produce two-dimensional art and design. The AP Art and Design	A3500300
course framework is composed of course skills, big ideas, essential questions and enduring understandings, learning	
bjectives, and essential knowledge. AP Art and Design skill categories delineate overarching understandings central	
o the study and practice of art and design. Each of the three skill categories consists of skills that encompass	
oundational to advanced learning over the span of the course. Students need to develop, practice, and apply these	
kills in a variety of contexts. The AP 2-D Art and Design course framework is made up of three big ideas; investigate	
naterials, processes, and ideas, Make art and design, and present art and design. Students should practice the skills	
hat will help them learn to think and act like artists. Students will develop a portfolio that will be submitted for	
ritical analysis in drawing for the Advanced Placement exam in Studio Art.	
nstructional Material: NA	Grade level: 10 – 12
<u>rerequisites:</u> Art I; any specialized area of Art II; (waived for seniors with director approval); and teacher ecommendation	Credit(s): 1 College Hour(s): NA
/hat's Next? N/A	Tier I
ourse taught by a locally certified gifted or AP trained teacher.	
P STUDIO ART: TWO-DIMENSIONAL DESIGN PORTFOLIO AB III or IV	1043 AB
P 2-D Art and Design is an introductory college-level two-dimensional design course. Students refine and apply	A3500400
kills and ideas they develop throughout the course to produce two-dimensional art and design. The AP Art and	
esign course framework is composed of course skills, big ideas, essential questions and enduring understandings,	
earning objectives, and essential knowledge. AP Art and Design skill categories delineate overarching	Grade level: 10 – 12
nderstandings central to the study and practice of art and design. Each of the three skill categories consists of skills	Credit(s): 1
hat encompass foundational to advanced learning over the span of the course. Students need to develop, practice,	College Hour(s): NA
nd apply these skills in a variety of contexts. The AP 2-D Art and Design course framework is made up of three big deas; investigate materials, processes, and ideas, Make art and design, and present art and design. Students should	Tier I
ractice the skills that will help them learn to think and act like artists. Students will develop a portfolio that will be	
ubmitted for critical analysis in 2-D Design for the Advanced Placement exam in Studio Art.	
nstructional Material: NA	
Prerequisites: Art I; any specialized area of Art II; (waived for seniors with director approval); teacher	
ecommendation	
<u>Vhat's Next?</u> N/A	
ourse taught by a locally certified gifted or AP trained teacher.	
P STUDIO ART: THREE-DIMENSIONAL DESIGN PORTFOLIO AB	1020 AB
P 3-D Art and Design is an introductory college-level three-dimensional design course. Students refine and apply	A3500500
xills and ideas they develop throughout the course to produce three-dimensional art and design. The AP Art and resign course framework is composed of course skills, big ideas, essential questions and enduring understandings,	
earning objectives, and essential knowledge. AP Art and Design skill categories delineate overarching	Grade level: 10 – 12
nderstandings central to the study and practice of art and design. Each of the three skill categories consists of skills	Credit(s): 1
nat encompass foundational to advanced learning over the span of the course. Students need to develop, practice,	College Hour(s): NA
nd apply these skills in a variety of contexts. The AP 3-D Art and Design course framework is made up of three big	Tier I
leas; investigate materials, processes, and ideas, Make art and design, and present art and design. Students will	
evelop a portfolio that will be submitted for critical analysis in 3-D Design for the Advanced Placement exam in	
tudio Art.	
nstructional Material: NA	
rerequisites: Art I; any specialized area of Art II and/or Art III; (waived for seniors with director approval); teacher ecommendation	
ecommendation <u>Vhaťs Next?</u> N/A	
ourse taught by a locally certified gifted or AP trained teacher.	
WO AND THREE-DIMENSIONAL ART LEVEL II, DESIGN I AB	1050 AB
	03501210
nd three-dimensional processes and projects while using three or more of the following Art forms, i.e., Drawing,	
This Art course provides opportunities to develop skills, techniques, and processes related to both two-dimensional and three-dimensional processes and projects while using three or more of the following Art forms, i.e., Drawing, Painting, Jewelry, Photography, Glasswork, Sculpture, and more. This will be offered as a level two, Art II class and vill allow second year Art students to experience a rotation of media and Art forms. The class will combine in-depth	

will allow second year Art students to experience a rotation of media and Art forms. The class will combine in-depth foundation studies using the Elements of Art and Principles of Design with skills and techniques as these concepts are applied to the students' individual Art work. Students will develop a portfolio, as well as use correct oral and

written communication as they relate to the visual arts.

Instructional Material: Communicating Through Graphic Design, Davis Publications; ISBN: 9780871929884 <u>Prerequisites:</u> Art I <u>What's Next?</u> Any level III Art course or Art Advanced Placement course

Course taught by a locally certified gifted or AP trained teacher.

Grade level: 9 – 10 Credit(s): 1 College Hour(s): NA **Tier III** 

HONORS TWO AND THREE-DIMENSIONAL ART LEVEL II, DESIGN I AB	1052 AB
This Art course provides opportunities to develop skills, techniques, and processes related to both two-dimensional and three-dimensional processes and projects while using three or more of the following Art forms, i.e., Drawing, Painting, Jewelry, Photography, Glasswork, Sculpture, and more. This will be offered as a level two, Art II class and will allow second year Art students to experience a rotation of media and Art forms. The class will combine in-depth oundation studies using the Elements of Art and Principles of Design with skills and techniques as these concepts are applied to the students' individual Art work. Students will develop a portfolio, as well as use correct oral and written communication as they relate to the visual arts.	03501210
nstructional Material: Communicating Through Graphic Design, Davis Publications; ISBN: 9781615283255	Grade level: 9 – 10
Prerequisites: Art I	Credit(s): 1
<u>What's Next?</u> Any level III Art course or Art Advanced Placement course.	College Hour(s): NA
Course taught by a locally certified gifted or AP trained teacher. Offered only at Terrell VPA HS.	Tier II
AP ART HISTORY AB	1048 AB
AP Art History is an introductory college-level art history course. Students cultivate their understanding of art history chrough analyzing works of art and placing them in historical context as they explore concepts like culture and cultural interactions, theories and interpretations of art, the impact of materials, processes, and techniques on art and art making, and understanding purpose and audience in art historical analysis. Students must know, be able to	A3500100
do, and understand, with a focus on the big ideas that encompass core principles, theories, and processes of the discipline. The framework also encourages instruction that prepares students to understand representative works of art from diverse cultures, including placing these works in context and illuminating relationships among them. Students should practice the skills that will help them learn to think and act like art historians. Many colleges and universities offer advanced placement and/or credit to students who perform successfully on the AP Art History Exam.	Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier I</b>
nstructional Material: 1209 – Gardners' Art Through the Ages: A Global History, Kleiner, 15th Edition, plus eBook	
access card; ISBN: 9781285754994 <u>Prerequisites:</u> Aptitude for art history and motivation is demonstrated with a teacher recommendation <u>What's Next?</u> N/A	
Course taught by a locally certified gifted or AP trained teacher.	
FINE ARTS, LEVEL IV, VPA CAPSTONE AB	VPA1000 AB
The aim of this course is to provide opportunity for students to explore college preparation and professional applications of their VPA craft. Advanced credit with college and career readiness focused assignments and special projects will be approved and monitored by the instructor. Students will document their four years of VPA work through the completion of their portfolio in the first semester. Students will receive opportunities to job shadow and/or participate in unpaid practicums, networking, preparation of interview and audition requirements, and be	84500XXX
able to creatively advocate their art to peers and members of the arts community. Students will investigate careers in	Grade level: 12
the arts, develop problem solving skills and apply their art to a service learning action project. Students will actively prepare their capstone project to be presented in the spring semester (recital, gallery exhibit, direction of play, or	Credit(s): Local Credit College Hour(s): NA

Instructional Material: N/A Prerequisites: Level I-III of a Fine Arts Content

What's Next? N/A

This is for local credit only and only available at I.M. Terrell Academy for STEM & VPA.

# **CHOIR**

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Concert Choir	1422, 1424, 1426, 1428
A Cappella Choir	1430, 1432, 1434, 1436
Show Choir	1442, 1444, 1446, 1448
Treble Choir	1451, 1453, 1455, 1457
Tenor/Bass Choir	1459, 1461, 1463, 1465

Students must complete both A and B to receive state graduation credit for fine arts. Honors courses are also available.

ALL courses require a teacher recommendation and audition.

MUSIC I CHOIR AB (CONCERT)	1422 AB - 03150900
MUSIC II CHOIR AB (CONCERT)	1424 AB - 03151000
MUSIC III CHOIR AB (CONCERT)	1426 AB - 03151100
MUSIC IV CHOIR AB (CONCERT)	1428 AB - 03151200
Provides students with basic musical instruction in various musical styles and genres, as well as vocal pedagogy	
and music theory. In addition, students are encouraged to participate in TMEA All State auditions and Solo and	Grade level: 9 – 12
Ensemble contests. Participation at all choir performances, including the UIL Concert & Sight-reading Evaluation,	Credit(s): 1
are required. Students are encouraged to attend outside concerts/performances to develop critical listening skills.	College Hour(s): NA
Instructional Material: Contact Content Director	Tier III
Prerequisites: Placement based by audition only; taken in sequence	
MUSIC I CHOIR AB (CONCERT), HONORS	1423 ABH - 03150900
MUSIC II CHOIR AB (CONCERT), HONORS	1425 ABH - 03151000
MUSIC III CHOIR AB (CONCERT), HONORS	1427 ABH - 03151100
MUSIC IV CHOIR AB (CONCERT), HONORS	1429 ABH - 03151200
Provides students with basic music instruction in various musical styles and genres, as well as vocal pedagogy and	
music theory. In addition, students are <u>required</u> to participate in TMEA All State auditions and Solo and Ensemble	Grade level: 9 – 12
contests. Participation at all choir performances and the UIL Concert & Sight-Reading Evaluation are required.	Credit(s): 1
Honors students will attend outside concerts/performances and write critiques using TMAA rubrics.	College Hour(s): NA
Instructional Material: Contact Content Director	Tier II
Prerequisites: Placement based by audition only; taken in sequence	
What's Next? N/A	
MUSIC I CHOIR AB (A CAPPELLA)	1430 AB - 03150900
MUSIC II CHOIR AB (A CAPPELLA)	<b>1432 AB -</b> 03151000
MUSIC III CHOIR AB (A CAPPELLA)	<b>1434 AB -</b> 03151100
MUSIC IV CHOIR AB (A CAPPELLA)	1436 AB - 03151200
Provides choristers with advanced training in the mastery of vocal pedagogy, rigorous sight-reading and ear	
training, and immersion in all genres of choral music. In addition, students must participate in TMEA All State	Grade level: 9 – 12
auditions, UIL Concert & Sight Reading, and UIL Solo and Ensemble auditions. Attendance at all performances is	Credit(s): 1
required.	College Hour(s): NA
Instructional Material: Contact Content Director	Tier III
Prerequisites: Placement based by audition only; taken in sequence	
What's Next? N/A	1430 AD 03450000
MUSIC I CHOIR AB (A CAPPELLA), HONORS	1438 AB - 03150900
MUSIC II CHOIR AB (A CAPPELLA), HONORS	<b>1440 AB -</b> 03151000
MUSIC III CHOIR AB (A CAPPELLA), HONORS	<b>1439 AB -</b> 03151100
MUSIC IV CHOIR AB (A CAPPELLA), HONORS	<b>1441 AB -</b> 03151200
Provides choristers with advanced training in the mastery of vocal pedagogy, rigorous sight-reading and ear	
training, and immersion in all genres of choral music. In addition, students must participate in TMEA All State	Grade level: 9 – 12
auditions, UIL Concert & Sight Reading, UIL Solo and Ensemble auditions, attend concerts and write Concert/	Credit(s): 1
performance critiques, and write papers on assigned composers, musical styles and periods. Attendance at all	College Hour(s): NA
performances is required.	Tier II

Instructional Material: Contact Content Director

<u>Prerequisites:</u> Placement based by audition only; successful performance on sight-reading skills tests; concurrent membership in the most advanced chorus in the school music department taken in sequence. <u>What's Next?</u> N/A

MUSIC I VOCAL ENSEMBLE AB (SHOW CHOIR)	<b>1442 AB -</b> 03153400
MUSIC II VOCAL ENSEMBLE AB (SHOW CHOIR)	<b>1444 AB -</b> 03153500
MUSIC III VOCAL ENSEMBLE AB (SHOW CHOIR)	<b>1446 AB -</b> 03153600
MUSIC IV VOCAL ENSEMBLE AB (SHOW CHOIR)	<b>1448 AB -</b> 03153700
Introduces students to different musical genres and performance styles that are not typically taught in a classical	
choral setting. This musical style can include choreography and introduces vocal techniques necessary for	Grade level: 9 – 12
understanding and appreciating fine musical performances through various styles of literature, such as pop, rock,	Credit(s): 1
contemporary a cappella and jazz. Attendance at all performances and rehearsals is required.	College Hour(s): NA <b>Tier III</b>
The student can earn PE credit for Music II, Show Choir IIAB as a TEKS-based course that meets the requirement of 100 minutes of moderate to vigorous physical activity per week if it is not being used to satisfy another graduation	Her III
requirement. The teacher does not have to be certified in PE. See Health & Physical Education section for course #.	
Instructional Material: Contact Content Director	
Prerequisites: Auditioned by instructor; taken in sequence	
What's Next? N/A	
MUSIC I VOCAL ENSEMBLE AB (SHOW CHOIR), HONORS	1415 AB - 03153400
MUSIC II VOCAL ENSEMBLE AB (SHOW CHOIR), HONORS	1417 AB - 03153500
MUSIC III VOCAL ENSEMBLE AB (SHOW CHOIR), HONORS	1419 AB - 03153600
MUSIC IV VOCAL ENSEMBLE AB (SHOW CHOIR), HONORS	1421 AB - 03153700
Continues the rigorous immersion for students to experience different musical genres and performance styles that	
are not typically taught in a classical choral setting. This musical style can include choreography and introduces	Grade level: 9 – 12
vocal techniques necessary for understanding and appreciating fine musical performances through various styles	Credit(s): 1
of literature, such as pop, rock, contemporary a cappella and jazz. Attendance at all performances and rehearsals is	College Hour(s): NA
required. Students will create audition recordings and prepare audition materials for university and/or professional	Tier II
auditions.	
Instructional Material: Contact Content Director	
<u>Prerequisites:</u> Auditioned by instructor; taken in sequence What's Next? N/A	
MUSIC I VOCAL ENSEMBLE AB (TREBLE CHOIR)	<b>1451 AB -</b> 03152100
MUSIC II VOCAL ENSEMBLE AB (TREBLE CHOIR) MUSIC II VOCAL ENSEMBLE AB (TREBLE CHOIR)	<b>1453 AB</b> - 03152200
MUSIC II VOCAL ENSEMBLE AB (TREBLE CHOIR) MUSIC III VOCAL ENSEMBLE AB (TREBLE CHOIR)	<b>1455 AB -</b> 03152200
	<b>1457 AB -</b> 03152300
MUSIC IV VOCAL ENSEMBLE AB (TREBLE CHOIR) Offers instruction for those students who wish to improve their vocal skills and techniques necessary for the	1457 AD - 03152400
performance of music for treble voices (same as other ensembles). In addition, students are encouraged to	Grade level: 9 – 12
participate in TMEA All State auditions and UIL Solo and Ensemble auditions. Attendance at all performances is	Credit(s): 1
required, including the UIL Concert & Sight-reading Evaluation.	College Hour(s): NA
Instructional Material: Contact Content Director	Tier III
Prereguisites: Placement based by audition only; taken in sequence	
What's Next? N/A	
MUSIC I VOCAL ENSEMBLE AB (TREBLE CHOIR), HONORS	<b>1450 AB -</b> 03152100
MUSIC II VOCAL ENSEMBLE AB (TREBLE CHOIR), HONORS	1452 AB - 03152200
MUSIC III VOCAL ENSEMBLE AB (TREBLE CHOIR), HONORS	<b>1454 AB -</b> 03152300
MUSIC IV VOCAL ENSEMBLE AB (TREBLE CHOIR), HONORS	1456 AB - 03152400
Provides students advanced musical instruction in various musical styles and genres of treble choral music.	
Incorporates various choral music techniques in order to better understand and appreciate culturally diverse	Grade level: 9 – 12
styles of treble music literature. In addition, students are required to participate in TMEA All State auditions, UIL	Credit(s): 1
Concert & Sight Reading, UIL Solo and Ensemble auditions, attend outside concerts and write concert/	College Hour(s): NA
performance critiques; write papers on assigned composers, musical styles and periods. Attendance at all	Tier II
performances is required.	
Instructional Material: Contact Content Director Prorequirities: Placement based by audition only: taken in sequence	
<u>Prerequisites:</u> Placement based by audition only; taken in sequence <u>What's Next?</u> N/A	
MIALS NEALT N/A MUSIC I VOCAL ENSEMBLE AB (TENOR/BASS CHOIR)	<b>1459 AB -</b> 03152100
MUSIC II VOCAL ENSEMBLE AB (TENOR/BASS CHOIR) MUSIC II VOCAL ENSEMBLE AB (TENOR/BASS CHOIR)	<b>1461 AB -</b> 03152200
MUSIC II VOCAL ENSEMBLE AB (TENOR/BASS CHOIR) MUSIC III VOCAL ENSEMBLE AB (TENOR/BASS CHOIR)	<b>1463 AB -</b> 03152300
MUSIC III VOCAL ENSEMBLE AB (TENOR/BASS CHOIR) MUSIC IV VOCAL ENSEMBLE AB (TENOR/BASS CHOIR)	<b>1465 AB -</b> 03152300 <b>1465 AB -</b> 03152400
Differs instruction for those students who wish to improve their vocal skills and techniques necessary for the	1403 AD - 03132400
performance of music for tenor/bass voices (same as other ensembles). In addition, students are encouraged to	Grade level: 9 – 12
participate in TMEA All State auditions and UIL Solo and Ensemble auditions. Attendance at all performances,	Credit(s): 1
including the UIL Concert & Sight-reading Evaluation, is required.	College Hour(s): NA
Instructional Material: Contact Content Director	Tier III
<u>Prerequisites:</u> Placement based by audition only; taken in sequence	
What's Novt2 N/A	

What's Next? N/A

MUSIC I VOCAL ENSEMBLE AB (TENOR/BASS CHOIR), HONORS	1460 AB - 03152100
MUSIC II VOCAL ENSEMBLE AB (TENOR/BASS CHOIR), HONORS	1462 AB - 03152200
MUSIC III VOCAL ENSEMBLE AB (TENOR/BASS CHOIR), HONORS	1464 AB - 03152300
MUSIC IV VOCAL ENSEMBLE AB (TENOR/BASS CHOIR), HONORS	1466 AB - 03152400
Provides students advanced musical instruction in various musical styles and genres. Incorporates various choral	
music techniques in order to better understand and appreciate culturally diverse styles of tenor/bass music	
literature. In addition, students are required to participate in TMEA All State auditions, UIL Concert & Sight	Grade level: 9 – 12
Reading, UIL Solo and Ensemble auditions, attend outside concerts and write concert/performance critiques, and	Credit(s): 1
write papers on assigned composers, musical styles and periods. Attendance at all performances is required.	College Hour(s): NA
Instructional Material: Contact Content Director	Tier II
Prerequisites: Placement based by audition only; taken in sequence	

What's Next? N/A

# **Music Studies**

Music Studies	
MUSIC STUDIES, MUSIC THEORY I AB	1481 AB
Provides a study of the basic fundamentals of music. Develops an understanding of rhythmic and melodic	03155400
notation, scale structure, intervals, and chords. Provides an opportunity for arranging and composing.	Grade level: 9 - 12
Instructional Material: Contact Content Director	Credit(s): 1
Prerequisites: Taken in sequence	College Hour(s): NA
What's Next? Music Theory II AB	Tier III
MUSIC STUDIES, HONORS MUSIC THEORY I AB	VPA1481 ABH
This course will develop students' understanding of the foundational elements of music. Students will discover the	03155400
building blocks of tonal analysis—pitch and rhythm, through analysis, performance, and composition. Students	
will learn to listen critically, identify and notate intervals, and sight-read. A majority of the time will be spent on	Grade level: 9
pentatonic and modal music, as well as learning all major and minor scales.	Credit(s): 1
Instructional Material: Contact Content Director	College Hour(s): NA
Prerequisites: None	Tier II
<u>What's Next?</u> Honors Music Theory II VPA1483 ABH	-
Only available at I.M. Terrell Academy for STEM & VPA.	
MUSIC STUDIES, MUSIC THEORY II AB	1483 AB
Provides continued and advanced study of the basic fundamentals of music. Maintains an understanding of	03155500
rhythmic and melodic notation, scale structure, intervals, and chords. Provides an opportunity for arranging and	
composing.	Grade level: 9 – 12
Instructional Material: Contact Content Director	Credit(s): 1
<u>Prerequisites:</u> Music Theory IAB; taken in sequence	College Hour(s): NA
<u>What's Next?</u> AP Music Theory	Tier III
MUSIC STUDIES, HONORS MUSIC THEORY II AB	VPA1483 ABH
Students will begin to analyze and compose Western tonal music employing the rubrics of rhythm and meter,	03155500
pitch, key signatures, intervals, scales, chords, inversions, harmonic progression, and SATB voice leading. Students	
will also perform melodies and rhythms at sight, and notate dictations of rhythms, melodies and harmonic	Grade level: 10
progressions.	Credit(s): 1
Instructional Material: Contact Content Director	College Hour(s): NA
<u>Prerequisites:</u> Honors Music Theory I VPA1481 ABH; taken in sequence	Tier II
<u>What's Next?</u> AP Music Theory	
Only available at I.M. Terrell Academy for STEM & VPA.	
AP MUSIC THEORY AB	1473 AB
Provides students with a serious introduction to a broad repertoire of musical pieces and develops the listening	A3150200
skills needed to appreciate these pieces as works of art. Compares and contrasts the relationship of musical	
works, composers, forms, and styles to the political and social events of their musical and historical periods.	Grade level: 11 - 12
Students listen to major works, study elements of music, write a research paper, and attend concerts. Satisfies	Credit(s): 1
state fine arts credit.	College Hour(s): NA
Instructional Material: Contact Content Director	Tier I
Prerequisites: Music Theory II AB; taken in sequence for students at IM Terrell Academy for STEM & VPA; other	
campuses by teacher approval	
Course taught by a locally AP trained teacher.	
MUSIC STUDIES, MUSIC PRODUCTION I	1334 AB
MUSIC STUDIES, MUSIC PRODUCTION II	1332 AB
Music Production is designed to supplement the traditional performance-based school music curriculum with	03156200
knowledge and skills increasingly more relevant to 21st century musical practices. Students will learn principles of	03156300
live sound reinforcement with emphasis placed on creative rather than re-creative aspects of the musical	
averaging a This source will increase a single or decident and contemporary to share a first source to the source of the source to the source of the source	

experience. This course will integrate musical understanding and contemporary technology. After completing this class, students will be able to assemble, dissemble, and operate basic reinforcement equipment in a live sound

Grade level: 9 – 12

nvironment as well as digitally record and produce audio onto CD/DVD. Additionally, students may find entry- evel employment with live music venues, sound companies, and churches as a stage hand, engineer, or an	Credit(s): 1 College Hour(s): NA
ssistant engineer. <u>nstructional Material:</u> Contact Content Director	Tier III
rerequisites: Previous instrumental or vocal performance ensemble experience, experience working with	
omputers, common peripherals, and permission of instructor.	
<u>Vhat's Next?</u> Music and Media Communication II AB	
IONORS MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION I AB	1497 ABH
Ionors Music and Media Communication I students will complete special projects (i.e. research projects, written	03156400
ritiques of professional and amateur performances) to earn honors credit. Additional hours are required to	
roduce a portfolio of audio and visual work on CD/DVD, as well as to perform these works at concerts	Grade level: 9 – 12
proughout the year. Honors MMC students will demonstrate introductory skills with Pro Tools recording software	Credit(s): 1
n the path to earn industry certification. Placement based on audition. This course is offered only at Southwest	College Hour(s): NA
ligh School through the Music & Sound Design program.	Tier II
nstructional Material: No state adopted textbook(s)/Contact Coordinator of Choral and General Music	
<u>rerequisites:</u> None <u>Vhat's Next?</u> Music and Media Communication II AB	
offered only at: Southwest Music & Sound Design Program	
UAL CREDIT MUSIC STUDIES, MUSIC APPRECIATION I AB	1504 AB
CC Course: Music Appreciation (MUSI 1306)	03155600
nderstanding music through the study of cultural periods, major composers, and musical elements, illustrated	ECHS Grade level: 10-12
ith audio recordings and live performances.	Grade level: NA
istructional Material: NA	Credit(s): 1
WISD & TCC Prereguisites: None	College Hour(s): 3
/hat's Next? N/A	Tier I
ourse taught by an approved District or adjunct instructor.	
UAL CREDIT MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION I AB	1495 AB
CC Course: American Music (MUSI 1310)	03156400
eneral survey of various styles of music in America. Topics may include jazz, ragtime, folk, rock, and	ECHS Grade level: 10-12
ontemporary art music.	Grade level: NA
nstructional Material: NA	Credit(s): 1
WISD & TCC Prerequisites: None	College Hour(s): 3
	Tier I
ourse taught by an approved District or adjunct instructor.	
ourse taught by an approved District or adjunct instructor. IUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB	1498 AB
ourse taught by an approved District or adjunct instructor. IUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB Iusic and Media Communications II builds upon the foundational music and technology skills taught in the	
<i>Tourse taught by an approved District or adjunct instructor.</i> <b>IUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Music and Media Communications II builds upon the foundational music and technology skills taught in the Music and Media Communications I survey course and provides opportunities for students to apply and	<b>1498 AB</b> 03156500
Tourse taught by an approved District or adjunct instructor. <b>MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Music and Media Communications II builds upon the foundational music and technology skills taught in the Music and Media Communications I survey course and provides opportunities for students to apply and ynthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music-	<b>1498 AB</b> 03156500 Grade level: 9 - 12
Tourse taught by an approved District or adjunct instructor. <b>MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Music and Media Communications II builds upon the foundational music and technology skills taught in the Music and Media Communications I survey course and provides opportunities for students to apply and ynthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1
What's Next?       N/A         Course taught by an approved District or adjunct instructor. <b>MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Music and Media Communications II builds upon the foundational music and technology skills taught in the         Music and Media Communications I survey course and provides opportunities for students to apply and         ynthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music-         elated technical professions and components of media production, including commercial career pathways in         dvertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in         nusic, including composition, recording, production, and performance, integrated with instruction focused on	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA
Tourse taught by an approved District or adjunct instructor. <b>MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Music and Media Communications II builds upon the foundational music and technology skills taught in the Music and Media Communications I survey course and provides opportunities for students to apply and ynthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in dvertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in music, including composition, recording, production, and performance, integrated with instruction focused on	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1
Tourse taught by an approved District or adjunct instructor. <b>MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Music and Media Communications II builds upon the foundational music and technology skills taught in the Music and Media Communications I survey course and provides opportunities for students to apply and ynthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in dvertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in husic, including composition, recording, production, and performance, integrated with instruction focused on echnology applications, media literacy, and 21st century skills. A key focus of the course is on collaborative	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA
Tourse taught by an approved District or adjunct instructor. <b>MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Music and Media Communications II builds upon the foundational music and technology skills taught in the Music and Media Communications I survey course and provides opportunities for students to apply and ynthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in dvertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in music, including composition, recording, production, and performance, integrated with instruction focused on	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA
ourse taught by an approved District or adjunct instructor. <b>MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Music and Media Communications II builds upon the foundational music and technology skills taught in the Music and Media Communications I survey course and provides opportunities for students to apply and ynthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in dvertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in husic, including composition, recording, production, and performance, integrated with instruction focused on echnology applications, media literacy, and 21st century skills. A key focus of the course is on collaborative esign and production of musical products and the function of participatory media in contemporary musical	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA
Durse taught by an approved District or adjunct instructor. <b>MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Music and Media Communications II builds upon the foundational music and technology skills taught in the Music and Media Communications I survey course and provides opportunities for students to apply and ynthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in divertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in nusic, including composition, recording, production, and performance, integrated with instruction focused on echnology applications, media literacy, and 21st century skills. A key focus of the course is on collaborative esign and production of musical products and the function of participatory media in contemporary musical pontexts. As they learn the role of technology and media in creating and enhancing the impact of a musical work, rudents will document their work in the course in a professional-level digital portfolio. Students may follow MMC with Music Production or Instrumental Ensemble (contemporary) based upon audition. This course is offered	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA
Durse taught by an approved District or adjunct instructor. <b>IUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Ilusic and Media Communications II builds upon the foundational music and technology skills taught in the lusic and Media Communications I survey course and provides opportunities for students to apply and wrthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in divertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in music, including composition, recording, production, and performance, integrated with instruction focused on echnology applications, media literacy, and 21st century skills. A key focus of the course is on collaborative esign and production of musical products and the function of participatory media in contemporary musical pontexts. As they learn the role of technology and media in creating and enhancing the impact of a musical work, udents will document their work in the course in a professional-level digital portfolio. Students may follow MMC with Music Production or Instrumental Ensemble (contemporary) based upon audition. This course is offered nly at Southwest High School through the Music & Sound Design program.	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA
Durse taught by an approved District or adjunct instructor. <b>MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Music and Media Communications II builds upon the foundational music and technology skills taught in the Music and Media Communications I survey course and provides opportunities for students to apply and ynthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in divertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in music, including composition, recording, production, and performance, integrated with instruction focused on echnology applications, media literacy, and 21st century skills. A key focus of the course is on collaborative esign and production of musical products and the function of participatory media in contemporary musical pontexts. As they learn the role of technology and media in creating and enhancing the impact of a musical work, rudents will document their work in the course in a professional-level digital portfolio. Students may follow MMC with Music Production or Instrumental Ensemble (contemporary) based upon audition. This course is offered nly at Southwest High School through the Music & Sound Design program. Instructional Material: No state adopted textbook(s)/Contact Coordinator of Choral and General Music	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA
Durse taught by an approved District or adjunct instructor. <b>IUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Ilusic and Media Communications II builds upon the foundational music and technology skills taught in the lusic and Media Communications I survey course and provides opportunities for students to apply and withesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in divertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in music, including composition, recording, production, and performance, integrated with instruction focused on echnology applications, media literacy, and 21st century skills. A key focus of the course is on collaborative esign and production of musical products and the function of participatory media in contemporary musical pontexts. As they learn the role of technology and media in creating and enhancing the impact of a musical work, udents will document their work in the course in a professional-level digital portfolio. Students may follow MMC with Music Production or Instrumental Ensemble (contemporary) based upon audition. This course is offered nly at Southwest High School through the Music & Sound Design program. Istructional Material: No state adopted textbook(s)/Contact Coordinator of Choral and General Music rerequisites: Music and Media Communication I AB; taken in sequence	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA
Durse taught by an approved District or adjunct instructor. <b>MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Music and Media Communications II builds upon the foundational music and technology skills taught in the Music and Media Communications I survey course and provides opportunities for students to apply and ynthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in divertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in nusic, including composition, recording, production, and performance, integrated with instruction focused on echnology applications, media literacy, and 21st century skills. A key focus of the course is on collaborative esign and production of musical products and the function of participatory media in contemporary musical pontexts. As they learn the role of technology and media in creating and enhancing the impact of a musical work, students will document their work in the course in a professional-level digital portfolio. Students may follow MMC with Music Production or Instrumental Ensemble (contemporary) based upon audition. This course is offered nly at Southwest High School through the Music & Sound Design program. Instructional Material: No state adopted textbook(s)/Contact Coordinator of Choral and General Music rerequisites: Music and Media Communication I AB; taken in sequence Iffered only at: Southwest Music & Sound Design Program	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b>
Durse taught by an approved District or adjunct instructor. <b>IUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Ilusic and Media Communications II builds upon the foundational music and technology skills taught in the lusic and Media Communications I survey course and provides opportunities for students to apply and withesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in divertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in music, including composition, recording, production, and performance, integrated with instruction focused on technology applications, media literacy, and 21st century skills. A key focus of the course is on collaborative esign and production of musical products and the function of participatory media in contemporary musical pontexts. As they learn the role of technology and media in creating and enhancing the impact of a musical work, udents will document their work in the course in a professional-level digital portfolio. Students may follow MMC with Music Production or Instrumental Ensemble (contemporary) based upon audition. This course is offered hy at Southwest High School through the Music & Sound Design program. <u>structional Material:</u> No state adopted textbook(s)/Contact Coordinator of Choral and General Music <u>rerequisites:</u> Music and Media Communication I AB; taken in sequence <u>ffered only at: Southwest Music &amp; Sound Design Program</u> <b>GNORS MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b>	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>1499 ABH</b>
Deurse taught by an approved District or adjunct instructor. <b>MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Itusic and Media Communications II builds upon the foundational music and technology skills taught in the Itusic and Media Communications I survey course and provides opportunities for students to apply and inthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in divertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in music, including composition, recording, production, and performance, integrated with instruction focused on echnology applications, media literacy, and 21st century skills. A key focus of the course is on collaborative esign and production of musical products and the function of participatory media in contemporary musical portexts. As they learn the role of technology and media in creating and enhancing the impact of a musical work, rudents will document their work in the course in a professional-level digital portfolio. Students may follow MMCC with Music Production or Instrumental Ensemble (contemporary) based upon audition. This course is offered nly at Southwest High School through the Music & Sound Design program. Instructional Material: No state adopted textbook(s)/Contact Coordinator of Choral and General Music rerequisites: Music and Media Communication I AB; taken in sequence Iffered only at: Southwest Music & Sound Design Program <b>IONORS MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> onors Music and Media Communication II students will complete special projects (i.e. products aimed at sharing	<b>1498 AB</b> 03156500 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b>
Deurse taught by an approved District or adjunct instructor. <b>TUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Itusic and Media Communications I builds upon the foundational music and technology skills taught in the lusic and Media Communications I survey course and provides opportunities for students to apply and rnthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- elated technical professions and components of media production, including commercial career pathways in divertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in music, including composition, recording, production, and performance, integrated with instruction focused on echnology applications, media literacy, and 21st century skills. A key focus of the course is on collaborative esign and production of musical products and the function of participatory media in contemporary musical pontexts. As they learn the role of technology and media in creating and enhancing the impact of a musical work, rudents will document their work in the course in a professional-level digital portfolio. Students may follow MMC with Music Production or Instrumental Ensemble (contemporary) based upon audition. This course is offered any at Southwest High School through the Music & Sound Design program. Instructional Material: No state adopted textbook(s)/Contact Coordinator of Choral and General Music rerequisites: Music and Media Communication I AB; taken in sequence <i>ffered only at: Southwest Music &amp; Sound Design Program</i> <b>DONORS MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> onors Music and Media Communication II students will complete special projects (i.e. products aimed at sharing ith a wide audience either through the web or a site-specific interactive performance) to earn honors credit.	1498 AB         03156500         Grade level: 9 - 12         Credit(s): 1         College Hour(s): NA         Tier III
Durse taught by an approved District or adjunct instructor. <b>IUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> Itasic and Media Communications I builds upon the foundational music and technology skills taught in the Itasic and Media Communications I survey course and provides opportunities for students to apply and inthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- lated technical professions and components of media production, including commercial career pathways in divertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in nusic, including composition, recording, production, and performance, integrated with instruction focused on icchnology applications, media literacy, and 21st century skills. A key focus of the course is on collaborative esign and production of musical products and the function of participatory media in contemporary musical pontexts. As they learn the role of technology and media in creating and enhancing the impact of a musical work, udents will document their work in the course in a professional-level digital portfolio. Students may follow MMC with Music Production or Instrumental Ensemble (contemporary) based upon audition. This course is offered nly at Southwest High School through the Music & Sound Design program. <u>structional Material</u> : <i>No state adopted textbook(s)/Contact Coordinator of Choral and General Music</i> <u>rerequisites</u> : Music and Media Communication I AB; taken in sequence <i>ffered only at: Southwest Music &amp; Sound Design Program</i> <b>ONORS MUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB</b> onors Music and Media Communication II students will complete special projects (i.e. products aimed at sharing ith a wide audience either through the web or a site-specific interactive performance) to earn honors credit. dditional hours are required to produce a portfolio of audio and visual work on CD/DVD, as well as to perform	1498 AB         03156500         Grade level: 9 - 12         Credit(s): 1         College Hour(s): NA         Tier III             1499 ABH         03156500         Grade level: 9 - 12
Durse taught by an approved District or adjunct instructor.  IUSIC STUDIES, MUSIC AND MEDIA COMMUNICATION IIAB  Iusic and Media Communications I builds upon the foundational music and technology skills taught in the Iusic and Media Communications I survey course and provides opportunities for students to apply and Inthesize knowledge and skills through relevant, real-world projects. Students will explore in depth music- Idated technical professions and components of media production, including commercial career pathways in divertising, marketing, entertainment, and game design. The course provides hands-on, experiential learning in iusic, including composition, recording, production, and performance, integrated with instruction focused on icchnology applications, media literacy, and 21st century skills. A key focus of the course is on collaborative esign and production of musical products and the function of participatory media in contemporary musical pontexts. As they learn the role of technology and media in creating and enhancing the impact of a musical work, udents will document their work in the course in a professional-level digital portfolio. Students may follow MMC with Music Production or Instrumental Ensemble (contemporary) based upon audition. This course is offered hy at Southwest High School through the Music & Sound Design program.	

projects will be approved and monitored by the instructor. Students will document their four years of VPA work through the completion of their portfolio in the first semester. Students will receive opportunities to job shadow and/or participate in unpaid practicums, networking, preparation of interview and audition requirements, and be able to creatively advocate their art to peers and members of the arts community. Students will investigate careers in the arts, develop problem solving skills and apply their art to a service learning action project. Students will actively prepare their capstone project to be presented in the spring semester (recital, gallery exhibit, direction of

Grade level: 12 Credit(s): Local Credit College Hour(s): NA

College Hour(s): NA

### play, or project).

Instructional Material: N/A Prerequisites: Level I-III of a Fine Arts Content What's Next? N/A

#### This is for local credit only and only available at I.M. Terrell Academy for STEM & VPA HONORS MUSIC STUDIES, ETHNOMUSICOLOGY: WORLD MUSIC PERSPECTIVES AB 1587 ABH This course explores the ways that music is both shaped by and gives shape to the cultural settings in which it is 03155400 performed. This study will consider music as a functional activity in people's lives, as a symbol of historical or national identity, and as a form of artistic expression. Students will listen to, analyze, perform, and compose music Grade level: 12 in a variety of styles from around the world. Course work includes an overview of Western music, cultivating active Credit(s): 1 College Hour(s): NA listening skills and music journaling/aural analysis, daily hands-on music making, composition, live demonstrations by guest artists, and ethnographic research projects. Students will gain a deeper understanding Tier II of other cultures, as well as their own. Instructional Material: Contact Content Director Prerequisites: AP Music Theory Course is only available at I.M. Terrell Academy for STEM & VPA. HONORS MUSIC STUDIES, MUSIC AND MOVEMENT: MUSIC THEORY FOR THE DANCER ABH 1586 ABH The course introduces dancers to the fundamentals of music (rhythm, harmony, and melody) to equip them with 84500XXX a working musical vocabulary, surveys the history of Western music, and critically engages with contemporary, folk, popular, and Non-western music performance and compositional practice in relation to collaboration with Grade level: 11-12 modern dance choreography. Students will cultivate active listening skills, engage in thought-provoking student-Credit(s): Local Credit led discussions and guest lectures, critically analyze and reflect through journaling, participate in daily hands-on

Instructional Material: Contact Content Director

music making, compose, dance, and present research projects.

Prerequisites: Teacher approval required; placement by audition only This is for local credit only and only available at I.M. Terrell Academy for STEM & VPA.

# INSTRUMENTAL MUSIC

	GUITAR	PIANO	JAZZ ENSEM	IBLE
1202, 1204, 1206, 1208	1218, 1220, 1222, 1224	1234, 1236, 1238, 1240	1396, 1397, 1398	3, 1399
	BRASS, WOOD	WIND, & PERCUSSION		
	1250, <sup>2</sup>	1252, 1254, 1256		
	BAND	INST ENSEMBLE	ORCH	IESTRA
Sub Non-Varsity	1313, 1314, 1315, 131	6 1341, 1342, 1343, 13	44 1349, 135	0, 1351, 1352
Non-Varsity	1317, 1318, 1319, 132	.0 1345, 1346, 1347, 13	48 1353, 1354	4, 1355, 1356
Varsity	1382, 1384, 1386, 138	1402, 1404, 1406, 14	08 1410, 141	2, 1414, 1416
JSIC I BAND (SUB NON-VAR JSIC II BAND (SUB NON-VAR JSIC III BAND (SUB NON-VA JSIC IV BAND (SUB NON-VA vides instruction for sub non-vars trumental skills/techniques, music ect ensemble will require mandato ies, marching festivals and compen- postitution credit in the first semest	RSITY) IIAB ARSITY) IIIAB ARSITY) IVAB sity band students to continue th c literacy, ear training, and march ory attendance at all rehearsals, etitions. In addition to the Fine A	ning fundamentals at the approp performances, football games, p rts credit, Band students also rec	13 13 13 c tone quality, Gra riate level. This Cre arades, pep Col eive a .5 PE Tie	<b>13 AB</b> - 03150100 <b>14 AB</b> - 03150200 <b>15 AB</b> - 03150300 <b>16 AB</b> - 03150400 de level: 9 – 12 dit(s): 1 lege Hour(s): NA r III
comination is required for parti-in-	tion.			
xamination is required for participat Instructional Material: Contact Contect rerequisites: Placement based on au MUSIC I BAND (NON-VARSITY MUSIC II BAND (NON-VARSIT MUSIC IV BAND (NON-VARSIT	ent Director udition; taken in sequence /) IAB Y) IIAB FY) IIIAB		13 <sup>-</sup> 13 <sup>-</sup>	18 AB - 03150200 19 AB - 03150300
Instructional Material: Contact Conte rerequisites: Placement based on au MUSIC I BAND (NON-VARSITY MUSIC II BAND (NON-VARSITY MUSIC III BAND (NON-VARSITY MUSIC III BAND (NON-VARSITY MUSIC IV BAND (NON-VARSITY INSTRUCTION FOR NON-VARSITY INSTRUCTION FOR	ent Director udition; taken in sequence () IAB Y) IIAB TY) IIAB TY) IIAB TY) IV AB band students to continue their of c literacy, ear training, and march ory attendance at all rehearsals, etitions. In addition to the Fine A ter for participation in the march tion.	ning fundamentals at the approp performances, football games, p rts credit, Band students also rec	13 13 13 13 13 13 13 13 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14	18 AB - 03150200 19 AB - 03150300
structional Material: Contact Conte erequisites: Placement based on au USIC I BAND (NON-VARSITY USIC II BAND (NON-VARSITY USIC III BAND (NON-VARSITY USIC IV BAND (NON-VARSIT USIC IV BAND (NON-VARSIT ovides instruction for non-varsity b strumental skills/techniques, music lect ensemble will require mandato lies, marching festivals and compe bstitution credit in the first semest amination is required for participat structional Material: Contact Conten	ent Director udition; taken in sequence () IAB Y) IIAB TY) IIAB TY) IIAB TY) IV AB band students to continue their of c literacy, ear training, and march ory attendance at all rehearsals, etitions. In addition to the Fine A ter for participation in the march tion. ent Director	ning fundamentals at the approp performances, football games, p rts credit, Band students also rec	13 13 13 13 13 13 13 13 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14	dit(s): 1 lege Hour(s): NA
nstructional Material: Contact Conte rerequisites: Placement based on au MUSIC I BAND (NON-VARSITY MUSIC II BAND (NON-VARSITY	ent Director <u>udition; taken in sequence</u> () IAB (Y) IIAB (Y) IIAB (Y) IIAB (Y) IIAB (Y) IIAB (Y) IV AB band students to continue their of c literacy, ear training, and march ory attendance at all rehearsals, etitions. In addition to the Fine A ter for participation in the march (tion. ent Director udition; taken in sequence () HONORS IABH (Y) HONORS IIABH (Y) HONORS IIIABH	ning fundamentals at the approp performances, football games, p rts credit, Band students also rec	13 13 13 13 13 13 13 13 13 13 13 13 13 1	<b>18 AB -</b> 03150200 <b>19 AB -</b> 03150300 <b>20 AB -</b> 03150400 de level: 9 – 12 dit(s): 1 lege Hour(s): NA

Instructional Material: Contact Content Director

Prerequisites: Placement based on audition; taken in sequence

MUSIC I BAND (VARSITY) IAB	1382 AB - 03150100
MUSIC II BAND (VARSITY) IIAB	1384 AB - 03150200
MUSIC III BAND (VARSITY) IIIAB	1386 AB - 03150300
MUSIC IV BAND (VARSITY) IVAB	1388 AB - 03150400
Provides instruction for varsity band students to continue their development of characteristic tone quality,	Grade level: 9 – 12
nstrumental skills/techniques, music literacy, ear training, and marching fundamentals at the appropriate level. This	Credit(s): 1
elect ensemble will require mandatory attendance at all rehearsals, performances, football games, parades, pep	College Hour(s): NA
allies, marching festivals and competitions. In addition to the Fine Arts credit, Band students also receive a .5 PE	Tier III
ubstitution credit in the first semester for participation in the marching band component of the course. A physical	
xamination is required for participation.	
structional Material: Contact Content Director	
rerequisites: Placement based on audition; taken in sequence	
IUSIC I BAND (VARSITY) HONORS IABH	1379 ABH - 03150100
IUSIC II BAND (VARSITY) HONORS IIABH	1380 ABH - 03150200
IUSIC III BAND (VARSITY) HONORS IIIABH	1389 ABH - 03150300
IUSIC IV BAND (VARSITY) HONORS IVABH	1390 ABH - 03150400
rovides opportunities for varsity-level band students to earn honors credit for study and performance of above-	Grade level: 9 – 12
vel music and etudes. Independent musicianship, juried recitals (refers to UIL Solo and Ensemble or equivalent),	Credit(s): 1
nd special projects (e.g., research projects, written critiques of professional and amateur performances) to earn	College Hour(s): NA
phors credit. The students are required to prepare and audition for TMEA All-Region and All-District Honors Band.	Tier II
nis select ensemble will require mandatory attendance at all rehearsals, performances, football games, parades, pep Ilies, marching festivals and competitions. In addition to the Fine Arts credit, Band students also receive a .5 PE	
ubstitution credit in the first semester for participation in the marching band component of the course. A physical	
component of the course. A physical component of the course.	
Istructional Material: Contact Content Director	
rerequisites: Placement based on audition; taken in sequence	
IUSIC I INSTRUMENTAL ENSEMBLE (SUB NON-VARSITY) IAB	1341 AB - 03151700
IUSIC II INSTRUMENTAL ENSEMBLE (SUB NON-VARSITY) IIAB	1342 AB - 03151800
IUSIC III INSTRUMENTAL ENSEMBLE (SUB NON-VARSITY) IIIAB	<b>1343 AB -</b> 03151900
IUSIC IV INSTRUMENTAL ENSEMBLE (SUB NON-VARSITY) IVAB	<b>1344 AB -</b> 03152000
ffers sub non-varsity instrumental ensemble students the opportunity to continue to develop and refine technical	Grade level: 9 – 12
ills and increase their music knowledge with literature selected for performance and listening. Instrumental	Credit(s): 1
nsemble Classes may include but are not limited to Mariachi Ensembles, Medium Ensembles, Woodwind	College Hour(s): NA
nsembles, Brass Ensembles, Percussion Ensembles, String Ensembles, Chamber Ensembles, or individual solo	Tier III
udies. Attendance at all rehearsals and performances is required. Placement based on audition.	
structional Material: Contact Content Director	
rerequisites: Placement based on audition; taken in sequence	
IUSIC I INSTRUMENTAL ENSEMBLE (NON-VARSITY) IAB	<b>1345 AB -</b> 03151700
IUSIC II INSTRUMENTAL ENSEMBLE (NON-VARSITY) IIAB	<b>1346 AB -</b> 03151800
IUSIC III INSTRUMENTAL ENSEMBLE (NON-VARSITY) IIIAB	<b>1347 AB -</b> 03151900
IUSIC IV INSTRUMENTAL ENSEMBLE (NON-VARSITY) IVAB	<b>1348 AB -</b> 03152000
ffers non-varsity instrumental ensemble students the opportunity to continue to develop and refine technical skills	Grade level: 9 – 12
id increase their music knowledge with literature selected for performance and listening. Instrumental Ensemble	Credit(s): 1
asses may include but are not limited to Mariachi Ensembles, Medium Ensembles, Woodwind Ensembles, Brass	College Hour(s): NA
nsembles, Percussion Ensembles, String Ensembles, Chamber Ensembles, or individual solo studies. Attendance at	Tier III
l rehearsals and performances is required. Placement based on audition. structional Material: <i>Contact Content Director</i>	
rerequisites: Placement based on audition; taken in sequence	
IUSIC I INSTRUMENTAL ENSEMBLE (NON-VARSITY) HONORS IABH	<b>1361 ABH -</b> 03151700
IUSIC II INSTRUMENTAL ENSEMBLE (NON-VARSITT) HONORS IABH	<b>1362 ABH -</b> 03151800
IUSIC III INSTRUMENTAL ENSEMBLE (NON-VARSITY) HONORS IIIABH	<b>1363 ABH -</b> 03151900
IUSIC IV INSTRUMENTAL ENSEMBLE (NON-VARSITY) HONORS IVAB	<b>1364 ABH -</b> 03152000 Grade level: 9 – 12
ffers non-varsity instrumental ensemble students the opportunity to continue to develop and refine technical skills Ind increase their music knowledge with literature selected for performance and listening. Instrumental Ensemble	Credit(s): 1
asses may include but are not limited to Mariachi Ensembles, Medium Ensembles, Woodwind Ensembles, Brass	College Hour(s): NA
asses may include but are not influed to Manacin Ensembles, Medium Ensembles, woodwind Ensembles, blass nsembles, Percussion Ensembles, String Ensembles, Chamber Ensembles, or individual solo studies. Attendance at	Tier II
I rehearsals and performances is required. Placement based on audition.	

Instructional Material: Contact Content Director

Prerequisites: Placement based on audition; taken in sequence

MUSIC I INSTRUMENTAL ENSEMBLE (VARSITY) IAB	<b>1402 AB -</b> 03151700
MUSIC II INSTRUMENTAL ENSEMBLE (VARSITY) IIAB	<b>1404 AB -</b> 03151800
MUSIC III INSTRUMENTAL ENSEMBLE (VARSITY) IIIAB	<b>1406 AB -</b> 03151900
MUSIC IV INSTRUMENTAL ENSEMBLE (VARSITY) IVAB	1408 AB - 03152000
Offers varsity instrumental ensemble students the opportunity to continue to develop and refine technical skills and	Grade level: 9 – 12
ncrease their music knowledge with literature selected for performance and listening. Instrumental Ensemble	Credit(s): 1
Classes may include but are not limited to Mariachi Ensembles, Medium Ensembles, Woodwind Ensembles, Brass	College Hour(s): NA
insembles, Percussion Ensembles, String Ensembles, Chamber Ensembles, or individual solo studies. Attendance at	Tier III
all rehearsals and performances is required. Placement based on audition.	
nstructional Material: Contact Content Director	
Prerequisites: Placement based on audition; taken in sequence MUSIC I INSTRUMENTAL ENSEMBLE (VARSITY) HONORS IABH	<b>1365 ABH -</b> 03151700
MUSIC I INSTRUMENTAL ENSEMBLE (VARSITY) HONORS IABH	<b>1366 ABH -</b> 03151700
	<b>1367 ABH -</b> 03151800
MUSIC III INSTRUMENTAL ENSEMBLE (VARSITY) HONORS IIIABH	
MUSIC IV INSTRUMENTAL ENSEMBLE (VARSITY) HONORS IVABH /arsity Instrumental Ensemble students, through Mariachi Ensembles, Medium Ensembles, Woodwind Ensembles,	<b>1368 ABH -</b> 03152000
Parsity instrumental Ensemble students, through Mariachi Ensembles, Medium Ensembles, woodwind Ensembles, Brass Ensembles, Percussion Ensembles, String Ensembles, Chamber Ensembles, or individual solo studies, will	Grade level: 9 – 12 Credit(s): 1
demonstrate independent musicianship, perform juried recitals (refers to UIL Solo and Ensemble or equivalent) and	College Hour(s): NA
complete special projects (i.e. research projects, written critiques of professional and amateur performances) to earn	Tier II
nonors credit. The students are required to prepare and audition for TMEA All-Region. This select ensemble will	-
equire mandatory attendance at all rehearsals, concerts, festivals and competitions. Placement based on audition.	
nstructional Material: Contact Content Director	
Prerequisites: Placement based on audition; taken in sequence	
MUSIC I, MARIACHI IA/B	<b>1202 AB -</b> 03153800
MUSIC II, MARIACHI IIA/B	<b>1204 AB -</b> 03153900
MUSIC III, MARIACHI IIIA/B	1206 AB - 03154000
MUSIC IV, MARIACHI IVA/B	1208 AB - 03154100
Provides students in the proper historical techniques and styles of the mariachi ensemble. Emphasis is placed on	Grade level: 9 – 12
ndividual and ensemble tone production, mastery of fundamentals, and music reading. The students are reinforced	Credit(s): 1
with skills needed for the intricate rhythm, techniques, styles of the Latino cultural heritage for the voice, trumpet,	College Hour(s): NA
violin, vihuela, guitar, and /or guitarron. Students in this class must demonstrate a high level of commitment and	Tier III
superior citizenship to be successful. This is a select ensemble and performances will be given during the semester	
at concerts, festivals, and contests. Placement based upon audition.	
<u>nstructional Material:</u> Contact Content Director Prerequisites: Placement based on audition; taken in sequence	
VUSIC I, MARIACHI I HONORS I A/B/H	<b>1210 ABH -</b> 03153800
MUSIC I, MARIACHI I HONORS I A/B/H MUSIC II, MARIACHI II HONORS II A/B/H	<b>1210 ABH -</b> 03153800 <b>1212 ABH -</b> 03153900
MUSIC II, MARIACHI II HONORS II A/B/H MUSIC III, MARIACHI III HONORS III A/B/H	<b>1212 ABH -</b> 03153900 <b>1214 ABH -</b> 03154000
MUSIC III, MARIACHI III HONORS III A/B/H MUSIC IV, MARIACHI IV HONORS IV A/B/H	
Provides students in the proper historical techniques and styles of the mariachi ensemble. Emphasis is placed on	<b>1216 ABH -</b> 03154100 Grade level: 9 – 12
ndividual and ensemble tone production, mastery of fundamentals, and music reading. The students are reinforced	Grade level: 9 – 12 Credit(s): 1
with skills needed for the intricate rhythm, techniques, styles of the Latino cultural heritage for the voice, trumpet,	College Hour(s): NA
violin, vihuela, guitar, and /or guitarron. Students in this class must demonstrate a high level of commitment and	Tier II
superior citizenship to be successful. The students are required to prepare and audition for TMEA All-Region and all	
district sponsored events. This is a select ensemble and performances will be given during the semester at concerts,	
estivals, and contests. Placement based upon audition.	
nstructional Material: Contact Content Director	
Prerequisites: Placement based on audition; taken in sequence	
MUSIC I, GUITAR IA/B	<b>1218 AB -</b> 03154600
MUSIC II, GUITAR IIA/B	<b>1220 AB -</b> 03154700
MUSIC III, GUITAR IIIA/B	<b>1222 AB -</b> 03154800
/IUSIC IV, GUITAR IVA/B	<b>1224 AB -</b> 03154900
Provides students in the proper historical techniques and styles of the mariachi ensemble. Emphasis is placed on	Grade level: 9 – 12
ndividual and ensemble tone production, mastery of fundamentals, and music reading. The students are reinforced	Credit(s): 1
vith skills needed for the intricate rhythm, techniques, styles of the Latino cultural heritage for the voice, trumpet,	College Hour(s): NA
violin, vihuela, guitar, and/or guitarron. Students in this class must demonstrate a high level of commitment and	Tier III
uperior citizenship to be successful. Performances will be given during the semester at concerts, festivals, and	
contests. This is a select ensemble and performances will be given during the semester at concerts, festivals, and contests. Placement based upon audition.	
ONTACTE REPORT DOCATION	

Instructional Material: Contact Content Director

Prerequisites: Placement based on audition; taken in sequence

MUSIC I, GUITAR I HONORS A/B/H	1226 ABH - 03154600
MUSIC II, GUITAR II HONORS A/B/H	1228 ABH - 03154700
MUSIC III, GUITAR III HONORS A/B/H	1230 ABH - 03154800
MUSIC IV, GUITAR IV HONORS A/B/H	1232 ABH - 03154900
Provides advanced guitar students in the proper historical techniques and styles of the guitar. Emphasis is placed on	Grade level: 9 – 12
ndividual and ensemble tone production, mastery of fundamentals, and music reading. The students are reinforced	Credit(s): 1
vith skills needed for advanced techniques and styles for guitar. Students in this class must demonstrate a high level of commitment and superior citizenship to be successful. The students are required to prepare and audition for	College Hour(s): NA <b>Tier II</b>
MEA All-Region and all district sponsored events. Performances will be given during the semester at concerts,	
estivals, and contests. Placement based upon audition.	
nstructional Material: Contact Content Director	
rerequisites: Placement based on audition; taken in sequence	
	<b>1234 AB -</b> 03154200
AUSIC II, PIANO IIA/B	<b>1236 AB</b> - 03154300
IUSIC III, PIANO IIIA/B	<b>1238 AB</b> - 03154400
<b>IUSIC IV, PIANO IVA/B</b> rovides students in the proper fundamentals and technique for piano. Emphasis is placed on individual tone	<b>1240 AB -</b> 03154500 Grade level: 9 – 12
roduction, fundamentals, technique and music reading. The students are reinforced with the proper repertoire,	Credit(s): 1
equencing, fundamentals and technique for piano. Students in this class must demonstrate a high level of	College Hour(s): NA
ommitment and superior citizenship to be successful. Placement based upon audition.	Tier III
structional Material: Contact Content Director	
rerequisites: Placement based on audition; taken in sequence	1040 AB 00454000
IUSIC I, PIANO I HONORS A/B/H	<b>1242 AB</b> - 03154200
IUSIC II, PIANO II HONORS A/B/H IUSIC III, PIANO III HONORS A/B/H	<b>1244 AB -</b> 03154300
IUSIC III, PIANO III HONORS A/B/H IUSIC IV, PIANO IV HONORS A/B/H	<b>1246 AB -</b> 03154400 <b>1248 AB -</b> 03154500
rovides students in the proper advanced fundamentals and technique for piano. Emphasis is placed on individual	Grade level: 9 – 12
ore sophisticated tone production, fundamentals, technique and music reading. The students are reinforced with	Credit(s): 1
ne proper repertoire, the sequencing of fundamentals and improvement on the technique for piano. Students in	College Hour(s): NA
his advanced class must demonstrate a high level of commitment and superior citizenship to be successful.	Tier II
lacement based upon audition.	
<u>nstructional Material:</u> Contact Content Director r <u>erequisites:</u> Placement based on audition; taken in sequence	
IUSIC I, INSTRUMENTAL ENSEMBLE IA/B (BRASS, WOODWIND & PERCUSSION I)	<b>1250 AB -</b> 03151700
/USIC II, INSTRUMENTAL ENSEMBLE IIA/B (BRASS, WOODWIND, & PERCUSSION II)	<b>1252 AB</b> - 03151800
AUSIC III, INSTRUMENTAL ENSEMBLE IIIA/B (BRASS, WOODWIND, & PERCUSSION III)	1254 AB - 03151900
IUSIC IV, INSTRUMENTAL ENSEMBLE IVA/B (BRASS, WOODWIND, & PERCUSSION IV)	1256 AB - 03152000
rovides students in the proper techniques and styles of the brass, woodwind and percussion instruments. Emphasis	Grade level: 9 – 12
placed on individual and ensemble tone production, mastery of fundamentals, and music reading. The students	Credit(s): 1
re reinforced with general skills needed for proper tone, technique, vibrato, and idiomatic style for each instrument	College Hour(s): NA
nd ensemble. Students in this class must demonstrate a high level of commitment and superior citizenship to be uccessful. Performances will be given during the semester at concerts, festivals, and contests. Placement based on	Tier III
udition.	
istructional Material: Contact Content Director	
rerequisites: Placement based on audition; taken in sequence	
IUSIC I, INSTRUMENTAL ENSEMBLE (BRASS, WOODWIND, & PERCUSSION I) HONORS IA/B/H	1258 ABH - 03151700
IUSIC II, INSTRUMENTAL ENSEMBLE (BRASS, WOODWIND, & PERCUSSION II) HONORS IIA/B/H IUSIC III, INSTRUMENTAL ENSEMBLE (BRASS, WOODWIND, & PERCUSSION III) HONORS IIIA/B/H	<b>1260 ABH</b> - 03151800
IUSIC III, INSTRUMENTAL ENSEMBLE (BRASS, WOODWIND, & PERCUSSION III) HONORS IIIA/B/H	<b>1262 ABH -</b> 03151900 <b>1264 ABH -</b> 03152000
	Grade level: 9 – 12
rovides students in the proper advanced techniques and styles of the brass woodwind and percussion instruments	Credit(s): 1
nphasis is placed on an artistic level for individual and ensemble tone production, mastery of advanced	College Hour(s): NA
nphasis is placed on an artistic level for individual and ensemble tone production, mastery of advanced indamentals and music reading. The students are reinforced with advanced and honor level skills needed for roper tone, technique, vibrato, and idiomatic style for each instrument and ensemble. Students in this class must	.,
nphasis is placed on an artistic level for individual and ensemble tone production, mastery of advanced ndamentals and music reading. The students are reinforced with advanced and honor level skills needed for oper tone, technique, vibrato, and idiomatic style for each instrument and ensemble. Students in this class must emonstrate an advanced honor's level of commitment and superior citizenship to be successful. Performances will	College Hour(s): NA
nphasis is placed on an artistic level for individual and ensemble tone production, mastery of advanced indamentals and music reading. The students are reinforced with advanced and honor level skills needed for oper tone, technique, vibrato, and idiomatic style for each instrument and ensemble. Students in this class must emonstrate an advanced honor's level of commitment and superior citizenship to be successful. Performances will e given during the semester at concerts, festivals, and solo and ensemble contests. Placement based on audition.	College Hour(s): NA
mphasis is placed on an artistic level for individual and ensemble tone production, mastery of advanced indamentals and music reading. The students are reinforced with advanced and honor level skills needed for oper tone, technique, vibrato, and idiomatic style for each instrument and ensemble. Students in this class must emonstrate an advanced honor's level of commitment and superior citizenship to be successful. Performances will a given during the semester at concerts, festivals, and solo and ensemble contests. Placement based on audition. <u>structional Material:</u> <i>Contact Content Director</i>	College Hour(s): NA
mphasis is placed on an artistic level for individual and ensemble tone production, mastery of advanced indamentals and music reading. The students are reinforced with advanced and honor level skills needed for roper tone, technique, vibrato, and idiomatic style for each instrument and ensemble. Students in this class must emonstrate an advanced honor's level of commitment and superior citizenship to be successful. Performances will e given during the semester at concerts, festivals, and solo and ensemble contests. Placement based on audition. <a href="https://www.studentstructure.com">structional Material: Contact Content Director</a> rerequisites: Placement based on audition; taken in sequence	College Hour(s): NA <b>Tier II</b>
nphasis is placed on an artistic level for individual and ensemble tone production, mastery of advanced ndamentals and music reading. The students are reinforced with advanced and honor level skills needed for oper tone, technique, vibrato, and idiomatic style for each instrument and ensemble. Students in this class must emonstrate an advanced honor's level of commitment and superior citizenship to be successful. Performances will a given during the semester at concerts, festivals, and solo and ensemble contests. Placement based on audition. <u>structional Material:</u> <i>Contact Content Director</i> <u>rerequisites:</u> Placement based on audition; taken in sequence <b>IUSIC 1, JAZZ ENSEMBLE I</b>	College Hour(s): NA Tier II 1396 AB - 03151300
mphasis is placed on an artistic level for individual and ensemble tone production, mastery of advanced indamentals and music reading. The students are reinforced with advanced and honor level skills needed for roper tone, technique, vibrato, and idiomatic style for each instrument and ensemble. Students in this class must emonstrate an advanced honor's level of commitment and superior citizenship to be successful. Performances will e given during the semester at concerts, festivals, and solo and ensemble contests. Placement based on audition. <u>structional Material:</u> <i>Contact Content Director</i> <u>rerequisites:</u> Placement based on audition; taken in sequence <b>IUSIC I, JAZZ ENSEMBLE I</b> <b>IUSIC II, JAZZ ENSEMBLE II</b>	College Hour(s): NA Tier II 1396 AB - 03151300 1397 AB - 03151400
rovides students in the proper advanced techniques and styles of the brass, woodwind and percussion instruments. mphasis is placed on an artistic level for individual and ensemble tone production, mastery of advanced undamentals and music reading. The students are reinforced with advanced and honor level skills needed for roper tone, technique, vibrato, and idiomatic style for each instrument and ensemble. Students in this class must emonstrate an advanced honor's level of commitment and superior citizenship to be successful. Performances will e given during the semester at concerts, festivals, and solo and ensemble contests. Placement based on audition. Instructional Material: Contact Content Director rerequisites: Placement based on audition; taken in sequence MUSIC I, JAZZ ENSEMBLE I MUSIC II, JAZZ ENSEMBLE II MUSIC III, JAZZ ENSEMBLE III MUSIC III, JAZZ ENSEMBLE III MUSIC IV, JAZZ ENSEMBLE III	College Hour(s): NA Tier II 1396 AB - 03151300 1397 AB - 03151400 1398 AB - 03151500
mphasis is placed on an artistic level for individual and ensemble tone production, mastery of advanced undamentals and music reading. The students are reinforced with advanced and honor level skills needed for roper tone, technique, vibrato, and idiomatic style for each instrument and ensemble. Students in this class must emonstrate an advanced honor's level of commitment and superior citizenship to be successful. Performances will e given during the semester at concerts, festivals, and solo and ensemble contests. Placement based on audition. <u>Instructional Material:</u> <i>Contact Content Director</i> <u>rerequisites:</u> Placement based on audition; taken in sequence <b>MUSIC I, JAZZ ENSEMBLE I</b> <b>MUSIC II, JAZZ ENSEMBLE II</b> <b>MUSIC III, JAZZ ENSEMBLE II</b> <b>MUSIC III, JAZZ ENSEMBLE II</b> <b>MUSIC IV, JAZZ ENSEMBLE II</b> <b>MUSIC IV, JAZZ ENSEMBLE II</b>	College Hour(s): NA Tier II 1396 AB - 03151300 1397 AB - 03151400
mphasis is placed on an artistic level for individual and ensemble tone production, mastery of advanced undamentals and music reading. The students are reinforced with advanced and honor level skills needed for roper tone, technique, vibrato, and idiomatic style for each instrument and ensemble. Students in this class must emonstrate an advanced honor's level of commitment and superior citizenship to be successful. Performances will e given during the semester at concerts, festivals, and solo and ensemble contests. Placement based on audition. Instructional Material: Contact Content Director rerequisites: Placement based on audition; taken in sequence MUSIC I, JAZZ ENSEMBLE I MUSIC II, JAZZ ENSEMBLE II MUSIC III, JAZZ ENSEMBLE II	College Hour(s): NA Tier II 1396 AB - 03151300 1397 AB - 03151400 1398 AB - 03151500 1399 AB - 03151600

events throughout the year. Attendance at all rehearsals and performances is required. Placement based on audition	College Hour(s): NA
nstructional Material: Contact Content Director	Tier III
rerequisites: Member of band, orchestra, or chorus; auditioned by instructor; must be enrolled in parent group;	
aken in sequence	
IUSIC I, JAZZ ENSEMBLE I, HONORS I A/B/H	1371 ABH - 03151300
/USIC II, JAZZ ENSEMBLE II, HONORS II A/B/H	1373 ABH - 03151400
/USIC III, JAZZ ENSEMBLE III, HONORS III A/B/H	1375 ABH - 03151500
/IUSIC IV, JAZZ ENSEMBLE IV, HONORS IV A/B/H	1377 ABH - 03151600
rovides opportunities for a selected group of advanced jazz instrumentalist/vocalist to earn honors credit for study	Grade level: 9 – 12
nd performance of modern jazz, rock, and popular music. The student will need to attend two major jazz	Credit(s): 1
erformances (one per semester), creating a writing critique of each. The student will need to demonstrate	College Hour(s): NA
nowledge of different styles (swing, funk, Latin, etc.) and jazz scales. The student will be required to prepare and	Tier II
udition for TMEA All-Region Jazz Band. Includes the study of improvisation and performance at concerts and	
becial events throughout the year. Attendance at all rehearsals and performances is required. Placement based on	
structional Material: Contact Content Director	
rerequisites: Member of band, orchestra, or chorus; auditioned by instructor; must be enrolled in parent group;	
IUSIC I, ORCHESTRA AB (SUB NON-VARSITY)	<b>1349 AB</b> - 03150500
IUSIC II, ORCHESTRA AB (SUB NON-VARSITY)	<b>1350 AB</b> - 03150600
IUSIC III, ORCHESTRA AB (SUB NON-VARSITY)	<b>1351 AB</b> - 03150700
IUSIC IV, ORCHESTRA AB (SUB NON-VARSITY)	<b>1352 AB -</b> 03150800
rovides instruction for sub non-varsity orchestra students to continue their development of characteristic tone	Grade level: 9 – 12 Gradit(c): 1
uality, instrumental skills/techniques, music literacy, ear training, and fundamentals at the appropriate level. ttendance at all rehearsals and performances is required. Placement based on audition.	Credit(s): 1
structional Material: Contact Content Director	College Hour(s): NA Tier III
rerequisites: Placement based on audition; taken in sequence	
IUSIC I, ORCHESTRA (NON-VARSITY) I AB	<b>1353 AB -</b> 03150500
IUSIC II, ORCHESTRA (NON-VARSITY) II AB	<b>1354 AB</b> - 03150600
IUSIC III, ORCHESTRA (NON-VARSITT) III AB IUSIC III, ORCHESTRA (NON-VARSITT) III AB	<b>1355 AB</b> - 03150700
<b>IUSIC IV, ORCHESTRA (NON-VARSITY) IV AB</b> rovides instruction for non-varsity orchestra students to continue their development of characteristic tone quality,	<b>1356 AB -</b> 03150800 Grade level: 9 – 12
strumental skills/techniques, music literacy, ear training, and fundamentals at the appropriate level. Attendance at	Credit(s): 1
I rehearsals and performances is required. Placement based on audition.	Credit(s).
structional Material: Contact Content Director	College Hour(s): NA
rerequisites: Placement based on audition; taken in sequence	Tier III
IUSIC I, ORCHESTRA (NON-VARSITY) HONORS I A/B/H	1357 ABH - 03150500
IUSIC II, ORCHESTRA (NON-VARSITY) HONORS II A/B/H	1358 ABH - 03150600
IUSIC III, ORCHESTRA (NON-VARSITY) HONORS III A/B/H	1359 ABH - 03150700
IUSIC IV, ORCHESTRA (NON-VARSITY) HONORS IV A/B/H	<b>1360 ABH -</b> 03150800
on-varsity orchestra students will demonstrate independent musicianship, perform juried recitals and complete	Grade level: 9 – 12
pecial projects (i.e. research projects, written critiques of professional and amateur performances) to earn honors	Credit(s): 1
edit. Students are required to prepare and audition for TMEA All-Region. Attendance at all rehearsals and	College Hour(s): NA
erformances is required. Placement based on audition.	
structional Material: Contact Content Director	Tier II
erequisites: Placement based on audition; taken in sequence	
IUSIC I, ORCHESTRA (VARSITY) I AB	<b>1410 AB -</b> 03150500
IUSIC II, ORCHESTRA (VARSITY) II AB	1412 AB - 03150600
IUSIC III, ORCHESTRA (VARSITY) III AB	<b>1414 AB -</b> 03150700
IUSIC IV, ORCHESTRA (VARSITY) IV AB	1416 AB - 03150800
ovides instruction for varsity orchestra students to continue their development of characteristic tone quality,	Grade level: 9 – 12
strumental skills/techniques, music literacy, ear training, and fundamentals at the appropriate level. Attendance at	Credit(s): 1
rehearsals and performances is required. Placement based on audition.	
structional Material: Contact Content Director	College Hour(s): NA
erequisites: Placement based on audition; taken in sequence	Tier III
ONORS MUSIC I, ORCHESTRA (VARSITY) HONORS I A/B/H	1336 ABH - 03150500
ONORS MUSIC II, ORCHESTRA (VARSITY) HONORS II A/B/H	1337 ABH - 03150600
ONORS MUSIC III, ORCHESTRA (VARSITY) HONORS III A/B/H	1338 ABH - 03150700
ONORS MUSIC IV, ORCHESTRA (VARSITY) HONORS IV A/B/H	1339 ABH - 03150800
	Grade level: 9 – 12
arsity orchestra students will demonstrate independent musicianship, performs juried recitals and complete special	
arsity orchestra students will demonstrate independent musicianship, performs juried recitals and complete special ojects (i.e. research projects, written critiques of professional and amateur performances) to earn honors credit.	Credit(s): 1

Principles of Dance	Dance & Media	Communications
1500, 1503, 1505, 1507	1517	7, 1519
Theatre Arts	Technical Theatre	Theatre Production
3731, 3733, 3735, 3773	3751, 3754, 3757, 3759	3755, 3761, 3763, 3765
Musical Theatre	Theatre & Media	Communications
1484, 1474, 1475, 1476	3736	5, 3738

ATTENDANCE AT ALL PERFORMANCES IS REQUIRED.

Students must successfully complete both semesters (AB) to meet the state requirement for fine arts credit.

Students can earn PE credit for Principles of Dance IIAB, Show Choir IIAB, Technical Theatre IIAB or Musical Theatre IIAB as a TEKS-based course that meets the requirement of 100 minutes of moderate to vigorous physical activity per week if it is not being used to satisfy another graduation requirement. The teacher does not have to be certified in PE. See Health & Physical Education section for correct course numbers.

DANCE, LEVEL I, PRINCIPLES OF DANCE I AB	1500 AB - 03830100
DANCE, LEVEL II, PRINCIPLES OF DANCE II AB	1503 AB - 03830200
DANCE, LEVEL III, PRINCIPLES OF DANCE III AB	1505 AB - 03830300
DANCE, LEVEL IV, PRINCIPLES OF DANCE IV AB	1507 AB - 03830400
A primary and basic entry-level dance course for any high school student. Attendance at all rehearsals and performances is required. The student can earn PE credit for Dance II, Principles of Dance IIAB as a TEKS-based course that meets the requirement of 100 minutes of moderate to vigorous physical activity per week if it is not being used to satisfy another graduation requirement. The teacher does not have to be certified in PE. See Health & Physical Education section for course #.	Grade level: 9 – 12 Credit(s): 1
Instructional Material: Discovering Dance Teacher Web Resources; Human Kinetics, 9781492504740, Discovering Dance with Web Resource, Human Kinetics, 9781450468862 <u>Prerequisites:</u> Teacher recommendation; taken in sequence <u>What's Next?</u> Dance II-IV	College Hour(s): NA <b>Tier III</b>
HONORS DANCE, LEVEL I PRINCIPLES OF DANCE I ABH	1511 ABH - 03830100
HONORS DANCE, LEVEL II, PRINCIPLES OF DANCE II ABH	1513 ABH - 03830200
HONORS DANCE, LEVEL III, PRINCIPLES OF DANCE III ABH	1515 ABH - 03830300
HONORS DANCE, LEVEL IV, PRINCIPLES OF DANCE IV ABH	1509 ABH - 03830400
Extends and builds on Dance I-IV as established by the TEKS. Focus may include choreography, musical theatre	
dance, auditions, and college preparation. Class activities and assessment projects are unique to this section, and will include one critique (paper) each semester. Attendance at all rehearsals and performances is required.	Grade level: 9 – 12 Credit(s): 1
Instructional Material: No state-adopted textbook/Contact Content Director <u>Prerequisites:</u> Teacher recommendation; taken in sequence <u>What's Next?</u> Dance II-IV	College Hour(s): NA <b>Tier II</b>
DANCE, LEVEL I, DANCE WELLNESS I AB	1512 AB - 03834100
DANCE, LEVEL II, DANCE WELLNESS II AB	1514 AB - 03834200
DANCE, LEVEL III, DANCE WELLNESS III AB	1516 AB - 03834300
DANCE, LEVEL IV, DANCE WELLNESS IV AB	<b>1510 AB -</b> 03834400
Provides an opportunity for students to develop a comprehensive understanding of dancer wellness. Topics will include, but are not limited to, the mental components (imagery, rest, fatigue, and burnout) as well as the physical aspects (dancer nutrition, body composition, injury prevention, and first aid) of dancer wellness. Ultimately, students will design their own personal wellness plan that will help them get the most out of their dance practice. Attendance at all rehearsals and performances is required.	Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b>

Instructional Material: Dancer Wellness with Web Resource by Mary Virginia Wilmerding and Donna Krasnow Prerequisites: Teacher recommendation; taken in sequence

What's Next? Dance II-IV

Course is only available at Arlington Heights, Diamond Hill-Jarvis, and I.M. Terrell Academy.

HONORS DANCE, LEVEL II, DANCE WELLNESS II ABH1554 ABH - 03834200HONORS DANCE, LEVEL III, DANCE WELLNESS III ABH1556 ABH - 03834300HONORS DANCE, LEVEL IV, DANCE WELLNESS IV ABH1558 ABH - 03834400Provides an opportunity for students to develop a comprehensive understanding of dancer wellness. Topics will include, but are not limited to, the mental components (imagery, rest, fatigue, and burnout) as well as the physical aspects (dancer nutrition, body composition, injury prevention, and first aid) of dancer wellness. Students will design their own personal wellness plan that will help them get the most out of their dance practice, as well as present it to a panel of dance educators/professionals for adjudication at the end of the year. Attendance at all rehearsals and performances is required.Grade level: 9 – 12 College Hour(s): NA Tier IIInstructional Material: Dancer Wellness with Web Resource by Mary Virginia Wilmerding and Donna Krasnow Prerequisites: Teacher recommendation; taken in sequence What's Next? Dance II-IV Course is only available at Arlington Heights, Diamond Hill-Jarvis, and L.M. Terrell Academy.1522 AB - 03833700 1524 AB - 03833800 1526 AB - 03833700 1526 AB - 03833900 1526 AB - 03833900 1526 AB - 03833900 1526 AB - 03833900 1528 AB - 03834000DANCE, LEVEL II, DANCE PRODUCTION II AB DANCE, LEVEL IV,		
HONDORS DANCE, LEVEL III, DANCE WELLINESS III ABH       1555 ABH - 03834000         Provides an apportunity for students to develop a comprehensive undextanding of dancer wellness. Topics will include, but are notified to dancer mellices and unconto students to develop a comprehensive undextanding of dancer wellness. Students will addept the transmost comparents (singary, rest, faigue, and burnout as well as the physical, as well as the physical appects (dancer nutrition, body composition, injury prevention, and first adJ of dancer wellness. Students will addept the appect of the space appect	HONORS DANCE, LEVEL I, DANCE WELLNESS I ABH	1552 ABH - 03834100
HONORS DANCE, LEVEL IV, DANCE WELLNESS IV ABI         1558 ABH - 0.0343400           Provides an opportunity for students of develop a comprehensive understanding of dancer wellness. Topics will a specific dance proteins on the dance proteins. The provides an opportunito, body composition, juitury prevention, and first aid of dancer wellness. Students will a specific dance practice, as well as the physical dance proteins. The provides and performances is required.         Context of the provides and performances is required.         Context of the provides and performances is required.         Context of the provides and performances is required.         Context is and performance is required.         Context is and performances is required.         Context is and performance is required.         Context is and performance is required.         Context is and performance in the physics Diamond Hill-brains, and HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH         T553 ABH - 0.0383700           Honors DANCE, LEVEL II, DANCE PRODUCTION II ABH         T553 ABH - 0.0383700         T553 ABH - 0.0	HONORS DANCE, LEVEL II, DANCE WELLNESS II ABH	1554 ABH - 03834200
Provides an opportunity for students to develop a comprehensive understanding of dancer wellness. Toujocs will indue, but are notification to the metal components (inguery net, fingue, not burnout) as well as the physica aspects (dancer nutrition, body composition, injury prevention, and first aid) of dancer wellness. Students will adapted aspects (dancer nutrition, body composition, injury prevention, and first aid) of dancer wellness. Students will college Hourdy: NA Teer II College Hourdy: NA Teer II College Hourdy: NA Teer II College Hourdy: NA	HONORS DANCE, LEVEL III, DANCE WELLNESS III ABH	1556 ABH - 03834300
include, but are not limited to, the mental components (magery, next, fatigue, and burnout) as well as the physical genes (dance nutrition, body composition, injury prevention, and fist aid) of dancer wellers. Students will be prevent it to a panel of dance ductacity sprofessionals for adjudication at the end of the year. Attendance at all instructional Material Doner Wellewise with Well Resource by Mary Viginia Wilnerding and Donna Krasnow Prevensitizes, Teacher recommendation; taken in sequence Marks: Next Donne II-V Course is only available at Artiligton Heights, Diamond Hill-Jarvis, and MAT. Street Donne II-V Course is only available at Artiligton Heights, Diamond Hill-Jarvis, and DANCE, LEVEL II, DANCE PRODUCTION II AS DANCE, LEVEL IV, DANCE PRODUCTION II AS DANCE, LEVEL II, DANCE PRODUCTION II AB Tratational Material: Dance Production class each day, focusing on stage management, lighting, sound, and various Grade level 9 – 12 Condens via particular taken in sequence. UN Trend Academy. HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH HONORS DANCE, L	HONORS DANCE, LEVEL IV, DANCE WELLNESS IV ABH	1558 ABH - 03834400
aspects (dameer nutrition, body composition, injury prevention, and first aij) of dancer welless. Students will design their own personal wellenses plan that will help them get the most out of their dance practice, as well as the analise and personal wellenses with Web Resource by Mary Virginia Witnerding and Danna Kraunoux <u>Freerwitchs: Teacher recommendation, taken in sequence</u> <u>What's Next</u> Dance II-IV Course is only available at Arlington Heights, Diamond Hill-Jarvis, and <u>MAR Terrell Academy</u> . <b>DANCE, LEVEL I, DANCE PRODUCTION II AB</b> <b>DANCE, LEVEL II, DANCE PRODUCTION II AB</b> <b>DANCE, LEVEL II, DANCE PRODUCTION II AB</b> <b>DANCE, LEVEL IV, DANCE PRODUCTION II AB</b> <b>DANCE, LEVEL II, DANCE PRODUCTION II AB</b> <b>DANCE, LEVEL I, DANCE PRODUCTION II AB</b> <b>DANCE, LEVEL I, DANCE PRODUCTION II ABH</b> <b>DANCE, LEVEL IV, DANCE PRODUCTION II ABH</b> <b>DANCE, LEVEL IV, DANCE PRODUCTION II ABH</b> <b>DANCE, LEVEL I, DANCE PR</b>	Provides an opportunity for students to develop a comprehensive understanding of dancer wellness. Topics will	
design their own personal wellness plan that will help them get the most out of their dance practice, as well as rehearsals and performances is required. Instructional Material, Dancer Wellness will help Resource by Mary Vignia Witnerding and Danna Kranow Markal.Next 2 Dance II-V DANCE, LEVEL II, DANCE PRODUCTION II AB DANCE, LEVEL IV, DANCE PRODUCTION II ABH DANCE, LEVEL IV, DANCE PRODUCTION II ABH DONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH DONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH DONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH DANCE, LEVEL IV, DANCE PRODUCTION II		
present it to a panel of ance educator/professionals for adjudication at the end of the year. Attendance at all ITer II Instructional Material Dancer Welness with Web Resource by Many Virginia Wilmerding and Danna Krasnow Prerequisite: Tacher recommendation: taken is sequence What's Kwat' Dance II-IV Course is only available at Arlington Heights, Diamond Hill-Jarvis, and M. Trenel Academy. DANCE, LEVEL II, DANCE PRODUCTION II AB 1524 AB - 03833000 DANCE, LEVEL II, DANCE PRODUCTION II AB 1526 AB - 03833000 DANCE, LEVEL II, DANCE PRODUCTION II AB 1526 AB - 03833000 DANCE, LEVEL II, DANCE PRODUCTION II AB 1526 AB - 03833000 DANCE, LEVEL II, DANCE PRODUCTION II AB 1526 AB - 03833000 DANCE, LEVEL II, DANCE PRODUCTION II AB 1526 AB - 03833000 DANCE, LEVEL IV, DANCE PRODUCTION II AB 1526 AB - 03833000 DANCE, LEVEL IV, DANCE PRODUCTION II AB 1553 ABH - 03833000 DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1555 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1555 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH 1557 ABH - 03833000 HONORS DANCE, LEVEL IV, DANCE P		.,
refearaba and performances is required. Matax thata Danew (House with Web Assaurce by Mary Virginia Withrending and Danna Krasnow Pereguides. Teacher recommendation: taken in sequence Watax thata Dane (H-V Course is only available at Arlington Heights, Diamond Hill-Jarvis, and DANCE, LEVEL II, DANCE PRODUCTION II AB DANCE, LEVEL II, DANCE PRODUCTION II AB HINGTONES DANCE, LEVEL I, DANCE PRODUCTION II ABH HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH HINGTONEIDAIN MITTER A		-
Instructional Material: Dancer Welliness with Web Resource by Mary Virginia Wilmerding and Donna Krasnow           Preerguiding: Teacher recommendation; taken in sequence           What's Mext? Dance II-W         Course is only available at Artington Heights, Diamond Hill-Jarvis, and           Mine Machaemy.         1522 AB = 03833000           DANCE, LEVEL II, DANCE PRODUCTION II AB         1526 AB = 03833000           DANCE, LEVEL IV, DANCE PRODUCTION II AB         1526 AB = 03833000           DANCE, LEVEL IV, DANCE PRODUCTION II AB         1526 AB = 03833000           DANCE, LEVEL IV, DANCE PRODUCTION II AB         1526 AB = 03833000           DANCE, LEVEL IV, DANCE PRODUCTION IV AB         1528 AB = 03833000           Mutarity Machaet Dance Production class each day, focusing on stage management. lighting, sound, and values         Grade level: 9 = 12           With Territ Machaet IV         Course is only available at Artingtan Heights Diamond Hill-Jarvis, and         1553 ABH = 03833000           MUNRS DANCE, LEVEL I, DANCE PRODUCTION II ABH         1555 ABH = 03833000         1559 ABH = 03833000           HONROS DANCE, LEVEL I, DANCE PRODUCTION II ABH         1555 ABH = 03833000         1557 ABH = 03833000           HONROS DANCE, LEVEL IV, DANCE PRODUCTION II ABH         1555 ABH = 03833000         1557 ABH = 03833000           HONROS DANCE, LEVEL IV, DANCE PRODUCTION II ABH         1555 ABH = 03834000         1559 ABH = 03834000		Tier II
Preceduities: Teacher recommendation; taken in sequence:         Image: Sequence:         Image: Sequence:           M.Terrell Academy.         Caurae is only available at Arlington Heights, Diamand Hill-Jarvis, and         Image: Sequence:           DANCE, LEVEL II, DANCE PRODUCTION II AB         1524 AB - 03833700           DANCE, LEVEL III, DANCE PRODUCTION II AB         1526 AB - 03833700           DANCE, LEVEL III, DANCE PRODUCTION II AB         1526 AB - 03833700           Students will participate in a production class each day, focusing on stage management, lighting, sound, and various         Grade level: 9 - 12           Other production elements. Attendance at all reheards and performances is required.         Credity: 1           Instructional Material: Dance Production: Taken in sequence         What's Med? Dance II-V         Course is only available at Arlington Heights Diamond Hill-Jarvis, and           What's Med? Dance II-V         Course is only available at Arlington Heights Diamond Hill-Jarvis, and         Terr III           HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH         1555 ABH - 03833700           HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH         1555 ABH - 03833700           HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH         1555 ABH - 03833700           HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH         1555 ABH - 03833700           HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH         15557 ABH - 03833700           HONORS DAN		
What's Hear? Dance II-W         Course is only available at Arlington Heights, Diamond Hill-Jarvis, and           M.K. Terrell Academy,         1522 AB - 03833700           DANCE, LEVEL II, DANCE PRODUCTION II AB         1524 AB - 03833800           DANCE, LEVEL III, DANCE PRODUCTION II AB         1526 AB - 03833800           DANCE, LEVEL IV, DANCE PRODUCTION II AB         1526 AB - 03833800           DANCE, LEVEL IV, DANCE PRODUCTION II AB         1526 AB - 03833800           DANCE, LEVEL IV, DANCE PRODUCTION II AB         Grade Neet 9 - 12           Tother production elements, Matendance at all rehearask and performances is required.         Grade Neet 9 - 12           Instructional Material: Durne Production Chass end hdx, focusing on stage management, Neghoad         College Hour(s): NA           Presequiates: Teacher recommendation; taken in sequence         MTerrell Academy.         Terr III           M.Torrell Academy.         1553 ABH - 03833700         1555 ABH - 03833900           HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH         1555 ABH - 03833900         1555 ABH - 03833900           HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH         1557 ABH - 03833900         1550 ABH - 03833900           HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH         1557 ABH - 03833900         1550 ABH - 03834900           Students will participate in a production class ech day, focusing on stage management for al leston eproduction a create hereeormendmention;		
Int. Terrell Academy.       1522 AB - 03833700         DANCE, LEVEL II, DANCE PRODUCTION II AB       1524 AB - 03834800         DANCE, LEVEL II, DANCE PRODUCTION V AB       1526 AB - 03834800         Students will participate in a production class each day, focusing on stage management, lighting, sound, and various of ther production elements. Attendance at all reheards and performances is required.       Grade level: 9 - 12         CredetRig: 1       College Hourts: NA       Terr III         DEREGUESE LEVEL I, DANCE PRODUCTION II ABH       1555 ABH - 03833700         HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH       1555 ABH - 03833700         HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH       1555 ABH - 03833700         HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH       1555 ABH - 03833700         HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH       1557 ABH - 03833700         HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH       1557 ABH - 03833400         HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH       1557 ABH - 03833400         HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH       1557 ABH - 03833400         HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH       1557 ABH - 03833400         HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH       1557 ABH - 03834700         Tier III       Tier III       1559 ABH - 03834700         Tier Honore bardet dave dave adve dave dave dave dave dave		
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DANCE, LEVEL III, DANCE PRODUCTION II AB     1526 AB - 03833000       DANCE, LEVEL IV, DANCE PRODUCTION IV AB     1526 AB - 03833000       Students will participate in a production class each day, focusing on stage management, lighting, sound, and various     Grade level: 9 - 12       Credit(s): 1     Credit(s): 1       Instructional Material: Donce Production: Design and Technology by leremy Hoggod     College Hour(s): NA       Terrerulation: El-W     Course is only available at Artington Heights Diamond Hill-Jarvis, and       IM. Terret I Academy.     1553 ABH - 03833000       HONORS DANCE, LEVEL II, DANCE PRODUCTION I ABH     1555 ABH - 03833000       HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH     1555 ABH - 03833000       HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH     1553 ABH - 03834000       HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH     1553 ABH - 03834000       HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH     1553 ABH - 03834000       Tise Tile     1553 ABH - 03834000       Students will participate in a production class each crew/stage management, lighting, sound, and various     Grade level: 9 - 12       Credit(s): 1     College Hour(s): NA     Terl I       Tetesarsia and performances is required.     Terl I       Instructional Material: Dance Production: Design and Technology by Jeremy Hoggod     Terl I       Tetesarsia and performances is required.     Terl I       Tisc ourse provides students with an interes		
DANCE, LEVEL IV, DANCE PRODUCTION IV AB     1528 AB - 03834000       Students will participate in a production class each day, focusing on stage management, lighting, sound, and various other production elements. Attendance at all rehearsals and performances is required.     Credit(s): 1.       Instructional Material: Dance Production: Design and Technology by Jeremy Hoggood     College Hour(s): NA       INTERCE     College Hour(s): NA       Instructional Material: Dance Production Na     Stade Revel 9 - 12       College Hour(s): NA     College Hour(s): NA       Instructional Material: Dance Production: Less can be grown and technology by Jeremy Hoggood     Grade level 9 - 12       College Hour(s): NA     College Hour(s): NA       Instructional Material: Dance Production: Less can sequence     What's Neet?       What's Neet?     Course is only available at Arington Heights Diamond Hill-Jarvis, and       Instructional Material: Altory of Dance by Cogle Kassing     Grade level 9 - 12		
Students will participate in a production class each day, focusing on stage management, lighting, sound, and various other production elements. Attendance at all rehearsals and performances is required.         Grade level: 9 – 12 (College Hour(s): NA Tier III           Instructional Material; Dance Production: Design and Technology by Jeremy Hopgood         College Hour(s): NA Tier III           Mark Sheat? Dance II-V         Course is only available at Arlington Heights Diamond Hill-Jorvis, and           IM. TerretII Academy.         1553 ABH - 03833700           HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH         1553 ABH - 03833700           HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH         1553 ABH - 03833700           HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH         1557 ABH - 03833700           HONORS DANCE, LEVEL IV, DANCE PRODUCTION IV ABH         1557 ABH - 03833700           Students will participate in a production class each crew/stage management for at least one production a semester (this can be for one act of a performance if they are also performing in the show). Attendance at all College Hour(s): NA           Instructional Material: Dance Production: Cleagin and Technology by Jeremy Hopgood Preerguisties: Teacher recommendation; taken in sequence What's Med2 Dance II-V         Course is only available at Arlington Heights Diamond Hill-Jorvis, and IS31 AB - 03834000           TS31 AB - 0383400         1531 AB - 0383400         1531 AB - 0383400           Tore III         Course is only available at Arlington Heights Diamond Hill-Jorvis, and Instructional Material; Mist		
other production elements. Attendance at all rehearsals and performances is required.         Credit(s): 1           Distructional Material, Dance Production Design and Technology by Jereny Hopgood         College Hour(s): NA           Tier II         Tier II           HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH         1553 ABH - 03833700           HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH         1555 ABH - 03833000           HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH         1557 ABH - 03833000           HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH         1557 ABH - 03833000           HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH         1557 ABH - 03833000           HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH         1557 ABH - 03834000           Instructional Material, Dance Production class each day, focusing on stage management, lighting, sound, and various         Grade level: 9 - 12           Instructional Material, Dance Production Design and Technology by Jereny Hopgood         Tier II           Prerequisities: Teacher recommendation; taken in sequence         What's Heat?         Stat AB - 03834700           MIA Estat Dance Production Design and Technology by Jereny Hopgood         Tier II           Prerequisities: Teacher recommendation; taken in sequence         What's Heat?         Tier II           Virtarreit Academy.         Dance Level I, DANCE HISTORY I AB         Tista AB - 03834700           DANCE, LEVE		
Percentionistics: Teacher recommendation; taken in sequence         Tier II           IMM ars Med2 Darce II-V         Course is only available at Arlington Heights Diamond Hill-Jarvis, and           IMONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH         1553 ABH - 03833000           HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH         1555 ABH - 03833000           HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH         1557 ABH - 03833000           HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH         1557 ABH - 03833000           HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH         1557 ABH - 03834000           Students will participate in a production class each day, focusing on stage management, lighting, sound, and various         Grade level: 9 - 12           creating: Dance Production class each day, focusing on stage management for at least one production a         Grade level: 9 - 12           traitructional Material, Dance Production, Design and Technology by Jeremy Hoggood         Tier II           Parcequisites, Teacher recommendation; taken in sequence         1530 AB - 03834000           DANCE, LEVEL I, DANCE HISTORY I AB         1531 AB - 03834000           This course provides students with an interest in dance to expand their understanding of dance as both an at form and as a oxial and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance works from each time period. Students will analyze dance works from a variety of time periods. Attendance at all         Callege Hour(s): NA	other production elements. Attendance at all rehearsals and performances is required.	Credit(s): 1
What's Identity Dance II-W         Course is only available at Arlington Heights Diamond Hill-Jarvis, and LM. Terrell Academy.         1553 ABH - 03833700           HONORS DANCE, LEVEL I, DANCE PRODUCTION II ABH         1555 ABH - 03833800           HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH         1555 ABH - 03833800           HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH         1555 ABH - 03833800           Students will participate in a production class each day, focusing on stage management, lighting, sound, and various other production elements. Students must serve as tech crews/tage management, lighting, sound, and various other production elements. Students must serve as tech crews/tage management, lighting, sound, and various other production elements. Students must serve as tech crews/tage management, lighting, sound, and various other production elements. Students must serve as tech crews/tage management, lighting, sound, and various other production elements. Students must serve as tech crews/tage management, lighting, sound, and various other production class each day. focusing on at actional afficient taken in sequence What's (Next Dance II-W         Grade level: 9 - 12 Credit(s): 1           DANCE, LEVEL I, DANCE HISTORY I AB         1530 AB - 03834700 1531 AB - 03834800         1531 AB - 03834800           This course provides students with an interest in dance to expand their understanding of dance as both an at form and as a social and cultural affict. It focuses on the dancers and choreographers, dances, and significant dance works from each time period. Students will analyze dance works from a variety of time periods. Attendance at all Credit(s): 1         Grade level: 9 - 12 Credit(s): 1           Inst		-
IM. Terrell Academy.       1553 ABH - 03833700         HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH       1555 ABH - 03833700         HONORS DANCE, LEVEL III, DANCE PRODUCTION II ABH       1555 ABH - 03833700         HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH       1557 ABH - 03833700         HONORS DANCE, LEVEL IV, DANCE PRODUCTION IV ABH       1559 ABH - 03834700         Students will participate in a production elements. Students must serve as tech crew/stage management for at least one production a semester (this can be for one act of a performance if they are also performing in the show). Attendance at all refreatualizes. Teacher recommendation: taken in sequence       Grade level: 9 - 12         Creditics: Teacher recommendation: taken in sequence       Imatructional Material: Dance Production: Design and Technology by Jeremy Hopgood       Ter II         M. Terrell Academy.       Imatrue to the show of the periods. Students with an interest in dance to expand their understanding of dance as both an at form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance works from ach time period. Students will analyze dance works from avariety of time periods. Attendance at all rehearsals and performances is required.       Grade level: 9 - 12         Instructional Material; History of Dance by Gayle Kassing       Terr III         Prerequisites: Teacher recommendation; taken in sequence: upper level class for juniors and seniors       Grade level: 9 - 12         Monors DANCE, LEVEL I, DANCE HISTORY I AB       1560 ABH - 03834700		Tier III
HONORS DANCE, LEVEL I, DANCE PRODUCTION I ABH       1553 ABH - 03833700         HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH       1555 ABH - 03833700         HONORS DANCE, LEVEL IV, DANCE PRODUCTION II ABH       1557 ABH - 03833700         Students will participate in a production class each day, focusing on stage management, lighting, sound, and various other production elements. Students must serve as tech crew/stage management for at least one production a semester (this can be for one act of a performance if they are also performing in the show). Attendance at all cellege Hour(s): NA         Instructional Material, Dance Production: Design and Technology by Jeremy Hopgood       Ter II         Prerequisites: Teacher recommendation; taken in sequence       Tre II         MMaris Next? Dance HI-IV       Course is only available at Arlington Heights Diamond Hill-Jarvis, and form and a so ascial and cultural arlifact. It focuses on the dancers and choreographers, dances, and significant dance data as oxcial and cultural arlifact. It focuses on the dancers and choreographers, dances, and significant dance draft set recommendation; taken in sequence: Ourse is only available at Arlington Heights and I.M. Terrell Academy.       Grade level: 9 - 12         Instructional Material, History Of Dance by Gayle Kassing       Ter III       Grade level: 9 - 12         Credit(s): 1       College Hour(s): NA       Ter III         Instructional Material, History of Dance by Gayle Kassing       TereII Academy.         Mark Sheat? Taken in sequence: Course is only available at Arlington Heights and I.M. Terrell Academy.	· · ·	
HONORS DANCE, LEVEL II, DANCE PRODUCTION II ABH       1555 ABH - 03833800         HONORS DANCE, LEVEL III, DANCE PRODUCTION III ABH       1557 ABH - 03833400         Students will participate in a production class each day, focusing on stage management, lighting, sound, and various other production elements. Students must serve as tech crew/stage management for at least one production a semester (this can be for one act of a performance if they are also performing in the show). Attendance at all credits: 1       Credits: 1         Instructional Material: Dance Production: Design and Technology by Jeremy Hopgood       Tier II         Presequisites: Teacher recommendation; taken in sequence       What's Next? Dance II-IV       Course is only available at Arlington Heights Diamond Hill-Jarvis, and III. Terrell Academy.         DANCE, LEVEL II, DANCE HISTORY I AB       1530 AB - 03834000         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance works from ach time period. Students will analyze dance works from avariety of time periods. Attendance at all College Hour(s): NA         Tirer III       Tier III         Prerequisites: Teacher recommendation; taken in sequence; upper level class for juniors and seniors       Tier III         Prerequisites: Teacher recommendation; taken in sequence; upper level class for juniors and seniors       Grade level: 9 - 12         What's Next? Taken in sequence       Course is only available at Arlington Heights and LM. T		1000 ADLL 00000000
HONORS DANCE, LEVEL III, DANCE PRODUCTION III ABH       1557 ABH - 03833900         HONORS DANCE, LEVEL IV, DANCE PRODUCTION IV ABH       1559 ABH - 03834000         Students will participate in a production class each day, focusing on stage management, lighting, sound, and various other production elements. Students must serve as tech crew/stage management for at least one production a as each day, focusing on stage management for at least one production a semester (this can be for one act of a performance if they are also performing in the show). Attendance at all creaters and performances is required.       Grade level: 9 - 12         Creatity: Teacher recommendation; taken in sequence       Tier II         What's Next? Dance II-IV       Course is only available at Arlington Heights Diamond Hill-Jarvis, and IAM. Terrell Academy:       1530 AB - 03834700         DANCE, LEVEL I, DANCE HISTORY I AB       1530 AB - 03834700       1531 AB - 03834800         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance works from each time period. Students will analyze dance works from a variety of time periods. Attendance at all credit(s): 1       College Hour(s): NA         Instructional Materia! History of Dance by Gayle Kassing       Tier III         Prerequisties: Teacher recommendation; taken in sequence; upper level class for juniors and seniors       Gale level: 9 - 12         Credit(s): 1       College Hour(s): NA       College Hour(s): NA		
HONORS DANCE, LEVEL IV, DANCE PRODUCTION IV ABH       1559 ABH - 03834000         Students will participate in a production class each day, focusing on stage management, lighting, sound, and various other production elements. Students must serve as tech crew/stage management for at least one production a semester (this can be for one act of a performance if they are also performing in the show). Attendance at all credit(s): 1       Credit(s): 1         rehearsals and performances is required.       College Hour(s): NA       Tier II         Prerequisites; Teacher recommendation; taken in sequence       What's Next? Dance II-IV       Course is only available at Arlington Heights Diamond Hill-Jarvis, and IM. Terrell Academy.       1530 AB - 03834700         DANCE, LEVEL I, DANCE HISTORY I AB       1530 AB - 03834700       1531 AB - 03834800         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance trends time period. Students will analyze dance works from a variety of time periods. Attendance at all college Hour(s): NA       Tier III         Prerequisites: Teacher recommendation; taken in sequence: upper level class for juniors and seniors       Stod ABH - 03834700         Mhat's Next? Taken in sequence       Course is only available at Arlington Heights and I.M. Terrell Academy.       College Hour(s): NA         Instructional Material; History of Dance by Gayle Kassing       Course is only available at Arlington Heights and I.M. Terrell Academy.       College Hour(s): N		
Students will participate in a production class each day, focusing on stage management, lighting, sound, and various       Grade level: 9 – 12         other production elements. Students must serve as tech crew/stage management for at least one production a       Grade level: 9 – 12         credit(s): 1       College Hour(s): NA         Instructional Material: Dance Production: Design and Technology by Jeremy Hopgood       Tier II         Prerequisities: Teacher recommendation; taken in sequence       Mint Statu Stat		
other production elements. Students must serve as tech crew/stage management for at least one production a semester (this can be for one act of a performance if they are also performing in the show). Attendance at all college Hour(s): NA       Grade level: 9 – 12         control performances is required.       College Hour(s): NA         Instructional Material; Dance Production: Design and Technology by Jeremy Hopgood       Tier II         Prerequisites: Teacher recommendation; taken in sequence       Dance LeveL I, Dance HISTORY I AB       1530 AB - 03834000         DANCE, LEVEL II, DANCE HISTORY II AB       1530 AB - 03834000       1531 AB - 03834000         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance works from a variety of time periods. Attendance at all credit(s): I       College Hour(s): NA         Instructional Material; History of Dance by Gayle Kassing       Tier III       Prerequisites: Teacher recommendation; taken in sequence; upper level class for juniors and seniors       Grade level: 9 - 12       Credit(s): I         What's Next? Taken in sequence       Course is only available at Arlington Heights and I.M. Terrell Academy.       Grade level: 9 - 12       Credit(s): I         HONORS DANCE, LEVEL II, DANCE HISTORY I AB       1560 ABH - 03834000       Staf ABH - 03834000         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a socia		1559 ABH - 03834000
semester (this can be for one act of a performance if they are also performing in the show). Attendance at all rehearsals and performances is required. College Hour(s): NA Titer II Percencipuisites: Teacher recommendation: Design and Technology by Jeremy Hopgood What's Next? Dance II-IV Course is only available at Arlington Heights Diamond Hill-Jarvis, and IN. Terrell Academy. This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance works from each time period. Students will analyze dance works from a variety of time periods. Attendance at all Percencipuisites: Teacher recommendation; taken in sequence: upper level class for juniors and seniors What's Next? Taken in sequence Course is only available at Arlington Heights and I.M. Terrell Academy. ThorNORS DANCE, LEVEL I, DANCE HISTORY I ABH 1560 ABH - 03834700 This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance What's Next? Taken in sequence Course is only available at Arlington Heights and I.M. Terrell Academy. HONORS DANCE, LEVEL I, DANCE HISTORY I ABH 1560 ABH - 03834700 1561 ABH - 03834		
rehearsals and performances is required.       College Hour(s): NA         Instructional Material:       Dance Production: Design and Technology by Jeremy Hopgood       Tier II         Prerequisites:       Teacher recommendation; taken in sequence       Tier II         What's Next2 Dance II-IV       Course is only available at Arlington Heights Diamond Hill-Jarvis, and       1530 AB - 03834700         DANCE, LEVEL I, DANCE HISTORY I AB       1530 AB - 03834800       1531 AB - 03834800         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance works from each time period. Students will analyze dance works from a variety of time periods. Attendance at all celege Hour(s): NA         Instructional Material; History of Dance by Gayle Kassing       Tier III         Prerequisites:       Teacher recommendation; taken in sequence: upper level class for juniors and seniors       Tier III         What's Next? Taken in sequence       Course is only available at Artington Heights and I.M. Terrell Academy.       Toolege Hour(s): NA         Honores Dance, LEVEL I, DANCE HISTORY I ABH       1560 ABH - 03834700       1561 ABH - 03834700         HONORS DANCE, LEVEL I, DANCE HISTORY II ABH       1560 ABH - 03834700       1561 ABH - 03834700         Honores Dance, LEVEL I, DANCE HISTORY II ABH       1560 ABH - 03834700       1561 ABH - 03834700		
Instructional Material: Dance Production: Design and Technology by Jeremy Hopgood       Tier II         Prerequisites: Teacher recommendation; taken in sequence       Course is only available at Arlington Heights Diamond Hill-Jarvis, and         I.M. Terrell Academy.       Course is only available at Arlington Heights Diamond Hill-Jarvis, and         DANCE, LEVEL II, DANCE HISTORY I AB       1530 AB - 03834000         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance or lehearsals and performances is required.       College Hour(s): NA         Instructional Material: History of Dance by Gayle Kassing       Tier III         Prerequisites: Teacher recommendation; taken in sequence; upper level class for juniors and seniors       Tier III         What's Next? Taken in sequence       Course is only available at Arlington Heights and I.M. Terrell Academy.         HONORS DANCE, LEVEL I, DANCE HISTORY I ABH       1560 ABH - 03834700         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance or course is only available at Arlington Heights and I.M. Terrell Academy.         HONORS DANCE, LEVEL I, DANCE HISTORY I ABH       1560 ABH - 03834800         This course provide students with an interest in dance to expand their understanding of dance as both an art form and as		()
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I.M. Terrell Academy.       1530 AB - 03834700         DANCE, LEVEL I, DANCE HISTORY I AB       1531 AB - 03834800         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance works from each time period. Students will analyze dance works from a variety of time periods. Attendance at all rehearsals and performances is required.       Grade level: 9 - 12 Credit(5: 1         Instructional Material; History of Dance by Gayle Kassing Prerequisites; Teacher recommendation; taken in sequence; upper level class for juniors and seniors What's Next2 Taken in sequence       Tier III         HONORS DANCE, LEVEL I, DANCE HISTORY I ABH       1560 ABH - 03834700         HONORS DANCE, LEVEL I, DANCE HISTORY I ABH       1561 ABH - 03834800         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance works from acht time period. Students will analyze dance works from a variety of time periods. Students will produce a project given by their instructor to a panel of dance educators/professionals for adjudication at the mark tend and the year. Attendance at all rehearsals and performances is required.       Grade level: 9 - 12 Credit(5): 1 College Hour(s): NA Tier II         Instructional Material; History of Dance by Gayle Kassing Prerequisites; Teacher recommendation; taken in sequence; upper level class for juniors and seniors What's Next2 Taken in sequence       Sta B = 03833300 <t< td=""><td></td><td></td></t<>		
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DANCE, LEVEL II, DANCE HISTORY II AB       1531 AB - 03834800         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance works from each time period. Students will analyze dance works from a variety of time periods. Attendance at all rehearsals and performances is required.       Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA         Instructional Material; <i>History of Dance by Gayle Kassing</i> Tier III         Prerequisites; Teacher recommendation; taken in sequence; upper level class for juniors and seniors       Tier III         What's Next? Taken in sequence       Course is only available at Arlington Heights and I.M. Terrell Academy.         HONORS DANCE, LEVEL I, DANCE HISTORY II ABH       1560 ABH - 03834700         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance works from each time period. Students will analyze dance works from a variety of time periods. Students will produce a project given by their instructor to a panel of dance educators/professionals for adjudication at the end of the year. Attendance at all rehearsals and performances is required.       Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA         Instructional Material; <i>History of Dance by Gayle Kassing</i> 1521 AB - 0383300         Prerequisites: Teacher recommendation; taken in sequence; upper level class for juniors and seniors What's Next? Taken in seque		1530 AR - 0383/700
This course provides students with an interest in dance to expand their understanding of dance as both an art form       Grade level: 9 - 12         and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance       Grade level: 9 - 12         works from each time period. Students will analyze dance works from a variety of time periods. Attendance at all       Credit(s): 1         Instructional Material: History of Dance by Gayle Kassing       Tier III         Prerequisites: Teacher recommendation; taken in sequence; upper level class for juniors and seniors       Tieo (Alternation (Alteration (Alternation (Alternation (Alternation (A		
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Instructional Material:       History of Dance by Gayle Kassing       Tier III         Prerequisites:       Tereful:       Tier III         Prerequisites:       Tereful:       Tier III         Prerequisites:       Tereful:       Tier III         Prerequisites:       Text       Tier III         Prerequisites:       Tier III       Tier III         Prerequisites:       Text       Tier III         Prerequisites:       Text       Tier III         Prerequisites:       Text       Tier III       College Hour(s): NA         Prerequisites:       Text		.,
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What's Next? Taken in sequence       Course is only available at Arlington Heights and I.M. Terrell Academy.         HONORS DANCE, LEVEL I, DANCE HISTORY I ABH       1560 ABH - 03834700         HONORS DANCE, LEVEL II, DANCE HISTORY II ABH       1561 ABH - 03834800         This course provides students with an interest in dance to expand their understanding of dance as both an art form and as a social and cultural artifact. It focuses on the dancers and choreographers, dances, and significant dance works from each time period. Students will analyze dance works from a variety of time periods. Students will       Grade level: 9 - 12         produce a project given by their instructor to a panel of dance educators/professionals for adjudication at the end of the year. Attendance at all rehearsals and performances is required.       College Hour(s): NA         Instructional Material: History of Dance by Gayle Kassing       Tier II         Prerequisites: Teacher recommendation; taken in sequence; upper level class for juniors and seniors       1521 AB - 03833300         DANCE, LEVEL I, DANCE COMPOSITION/IMPROVISATION I AB       1521 AB - 03833300         DANCE, LEVEL II, DANCE PERFORMANCE AND ENSEMBLE III AB       1523 AB - 03833500         DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE III AB       1527 AB - 03833600         DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB       1527 AB - 03833600         This dance course provides an opportunity for students with an interest in choreography and performance to experience what it is like to work and perform at a professional level. Students will partici		
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produce a project given by their instructor to a panel of dance educators/professionals for adjudication at the       College Hour(s): NA         Instructional Material: History of Dance by Gayle Kassing       Tier II         Prerequisites: Teacher recommendation; taken in sequence; upper level class for juniors and seniors       Mat's Next? Taken in sequence         DANCE, LEVEL I, DANCE COMPOSITION/IMPROVISATION I AB       1521 AB - 03833300         DANCE, LEVEL II, DANCE PERFORMANCE AND ENSEMBLE II AB       1523 AB - 03833400         DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE II AB       1527 AB - 03833500         DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB       1527 AB - 03833600         This dance course provides an opportunity for students with an interest in choreography and performance to experience what it is like to work and perform at a professional level. Students will participate in technique class each day; focusing on technique, artistry, alignment, and movement quality. Students in Performance/Ensemble will credit(s): 1       Grade level: 9 – 12         Credit(s): 1       Corlege Hour(s): NA       Credit(s): NA		
end of the year. Attendance at all rehearsals and performances is required.Tier IIInstructional Material: History of Dance by Gayle KassingPrerequisites: Teacher recommendation; taken in sequence; upper level class for juniors and seniorsWhat's Next? Taken in sequenceCourse is only available at Arlington Heights and I.M. Terrell Academy.DANCE, LEVEL I, DANCE COMPOSITION/IMPROVISATION I AB1521 AB - 03833300DANCE, LEVEL II, DANCE PERFORMANCE AND ENSEMBLE II AB1523 AB - 03833400DANCE, LEVEL III, DANCE PERFORMANCE AND ENSEMBLE III AB1525 AB - 03833500DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB1527 AB - 03833600DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB1527 AB - 03833600DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB1527 AB - 03833600DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB1527 AB - 03833600DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB1527 AB - 03833600DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB1527 AB - 03833600DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB1527 AB - 03833600This dance course provides an opportunity for students with an interest in choreography and performance to experience what it is like to work and perform at a professional level. Students will participate in technique class each day; focusing on technique, artistry, alignment, and movement quality. Students in Performance/Ensemble will focus on learning repertory, performance, and rehearsal skills. Course recommended for dance officers, leaders, andCollege Hour(s): NA		()
Instructional Material: History of Dance by Gayle Kassing         Prerequisites: Teacher recommendation; taken in sequence; upper level class for juniors and seniors         What's Next? Taken in sequence       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, DANCE COMPOSITION/IMPROVISATION I AB       1521 AB - 03833300         DANCE, LEVEL II, DANCE PERFORMANCE AND ENSEMBLE II AB       1523 AB - 03833400         DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE II AB       1525 AB - 03833500         DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB       1527 AB - 03833600         This dance course provides an opportunity for students with an interest in choreography and performance to experience what it is like to work and perform at a professional level. Students will participate in technique class       Grade level: 9 – 12         Credit(s): 1       Credit(s): 1       College Hour(s): NA		-
Prerequisites: Teacher recommendation; taken in sequence; upper level class for juniors and seniors         What's Next? Taken in sequence       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, DANCE COMPOSITION/IMPROVISATION I AB       1521 AB - 03833300         DANCE, LEVEL II, DANCE PERFORMANCE AND ENSEMBLE II AB       1523 AB - 03833400         DANCE, LEVEL III, DANCE PERFORMANCE AND ENSEMBLE III AB       1525 AB - 03833500         DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB       1527 AB - 03833600         This dance course provides an opportunity for students with an interest in choreography and performance to experience what it is like to work and perform at a professional level. Students will participate in technique class       Grade level: 9 – 12         credit(s): 1       Credit(s): 1       College Hour(s): NA		
What's Next? Taken in sequenceCourse is only available at Arlington Heights and I.M. Terrell Academy.DANCE, LEVEL I, DANCE COMPOSITION/IMPROVISATION I AB1521 AB - 03833300DANCE, LEVEL II, DANCE PERFORMANCE AND ENSEMBLE II AB1523 AB - 03833400DANCE, LEVEL III, DANCE PERFORMANCE AND ENSEMBLE III AB1525 AB - 03833500DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB1527 AB - 03833600This dance course provides an opportunity for students with an interest in choreography and performance to experience what it is like to work and perform at a professional level. Students will participate in technique class each day; focusing on technique, artistry, alignment, and movement quality. Students in Performance/Ensemble will focus on learning repertory, performance, and rehearsal skills. Course recommended for dance officers, leaders, andGrade level: 9 – 12 Credit(s): 1College Hour(s): NACollege Hour(s): NA		
DANCE, LEVEL I, DANCE COMPOSITION/IMPROVISATION I AB1521 AB - 03833300DANCE, LEVEL II, DANCE PERFORMANCE AND ENSEMBLE II AB1523 AB - 03833400DANCE, LEVEL III, DANCE PERFORMANCE AND ENSEMBLE III AB1525 AB - 03833500DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB1527 AB - 03833600This dance course provides an opportunity for students with an interest in choreography and performance to1527 AB - 03833600This dance course provides an opportunity for students with an interest in choreography and performance toGrade level: 9 - 12Credit(s): 1Credit(s): 1Credit(s): 1focus on learning repertory, performance, and rehearsal skills. Course recommended for dance officers, leaders, andCollege Hour(s): NA		
DANCE, LEVEL II, DANCE PERFORMANCE AND ENSEMBLE II AB       1523 AB - 03833400         DANCE, LEVEL III, DANCE PERFORMANCE AND ENSEMBLE III AB       1525 AB - 03833500         DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB       1527 AB - 03833600         This dance course provides an opportunity for students with an interest in choreography and performance to experience what it is like to work and perform at a professional level. Students will participate in technique class each day; focusing on technique, artistry, alignment, and movement quality. Students in Performance/Ensemble will focus on learning repertory, performance, and rehearsal skills. Course recommended for dance officers, leaders, and       Grade level: 9 – 12         College Hour(s): NA       College Hour(s): NA		1521 AR - 03833300
DANCE, LEVEL III, DANCE PERFORMANCE AND ENSEMBLE III AB       1525 AB - 03833500         DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB       1527 AB - 03833600         This dance course provides an opportunity for students with an interest in choreography and performance to       sexperience what it is like to work and perform at a professional level. Students will participate in technique class       Grade level: 9 – 12         each day; focusing on technique, artistry, alignment, and movement quality. Students in Performance/Ensemble will       Credit(s): 1         focus on learning repertory, performance, and rehearsal skills. Course recommended for dance officers, leaders, and       College Hour(s): NA		
DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV AB       1527 AB - 03833600         This dance course provides an opportunity for students with an interest in choreography and performance to experience what it is like to work and perform at a professional level. Students will participate in technique class each day; focusing on technique, artistry, alignment, and movement quality. Students in Performance/Ensemble will focus on learning repertory, performance, and rehearsal skills. Course recommended for dance officers, leaders, and college Hour(s): NA       College Hour(s): NA		
This dance course provides an opportunity for students with an interest in choreography and performance to       experience what it is like to work and perform at a professional level. Students will participate in technique class       Grade level: 9 – 12         each day; focusing on technique, artistry, alignment, and movement quality. Students in Performance/Ensemble will       Credit(s): 1         focus on learning repertory, performance, and rehearsal skills. Course recommended for dance officers, leaders, and       College Hour(s): NA		
experience what it is like to work and perform at a professional level. Students will participate in technique classGrade level: 9 – 12each day; focusing on technique, artistry, alignment, and movement quality. Students in Performance/Ensemble willCredit(s): 1focus on learning repertory, performance, and rehearsal skills. Course recommended for dance officers, leaders, andCollege Hour(s): NA		1321 AD - 03833600
each day; focusing on technique, artistry, alignment, and movement quality. Students in Performance/Ensemble will Credit(s): 1 focus on learning repertory, performance, and rehearsal skills. Course recommended for dance officers, leaders, and College Hour(s): NA		Crada laval: 0 12
focus on learning repertory, performance, and rehearsal skills. Course recommended for dance officers, leaders, and College Hour(s): NA		
		.,
		College Hour(s). INA

potential dance majors for the purpose of providing instruction and opportunities for student choreography, student directing, and enhanced complexity in dance education. Attendance at all rehearsals and performances is	Tier III
required.	
Instructional Material: Dance Composition/Improvisation - Choreography: A Basic Approach Using Improvisation by	
Sandra Cerny Minton; Dance Performance & Ensemble - No state-adopted textbook/Contact Content Director	
Prerequisites: Teacher recommendation; taken in sequence	
<u>What's Next?</u> Dance II-IV Course is only available at Arlington Heights and I.M. Terrell Academy.	
HONORS DANCE, LEVEL I, DANCE COMPOSITION/IMPROVISATION I ABH	1562 ABH - 03833300
HONORS DANCE, LEVEL II, DANCE PERFORMANCE AND ENSEMBLE II ABH	1564 ABH - 03833400
HONORS DANCE, LEVEL III, DANCE PERFORMANCE AND ENSEMBLE III ABH	1566 ABH - 03833500
HONORS DANCE, LEVEL IV, DANCE PERFORMANCE AND ENSEMBLE IV ABH	1568 ABH - 03833600
This dance course provides an opportunity for students with an interest in choreography and performance to	
experience what it is like to work and perform at a professional level. Students will focus on learning repertory,	Grade level: 9 – 12
performance, and rehearsal skills. Students will be required to participate in at least one additional	Credit(s): 1
	College Hour(s): NA
performance/production a year, a dance critique/critical analysis paper in the Fall as well as an end of	Tier II
the year presentation at the end of the Spring semester. Course recommended for dance officers, leaders,	
and potential dance majors for the purpose of providing instruction and opportunities for student choreography,	
student directing, and enhanced complexity in dance education. Attendance at all rehearsals and performances is	
required.	
Instructional Material: Dance Composition/Improvisation - Choreography: A Basic Approach Using Improvisation by	
Sandra Cerny Minton; Dance Performance & Ensemble	
<u>Prerequisites:</u> Teacher recommendation; taken in sequence	
What's Next?         Dance II-IV         Course is only available at Arlington Heights and I.M. Terrell Academy.	
DANCE, LEVEL I, BALLET I AB	1532 AB - 03830500
DANCE, LEVEL II, BALLET II AB	1534 AB - 03830600
DANCE, LEVEL III, BALLET III AB	1536 AB - 03830700
DANCE, LEVEL IV, BALLET IV AB	1538 AB - 03830800
This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance	Grade level: 9 – 12
technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment,	Credit(s): 1
and movement quality. Attendance at all rehearsals and performances is required.	College Hour(s): NA
Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant	Tier III
Prerequisites: Teacher recommendation; taken in sequence	
<u>What's Next?</u> Dance II-IV Course is only available at Arlington Heights and I.M. Terrell Academy.	
HONORS DANCE, LEVEL I, BALLET I ABH	1563 ABH - 03830500
HONORS DANCE, LEVEL II, BALLET II ABH	1565 ABH - 03830600
HONORS DANCE, LEVEL III, BALLET III ABH	1567 ABH - 03830700
HONORS DANCE, LEVEL III, BALLET III ABH HONORS DANCE. LEVEL IV. BALLET IV ABH	1567 ABH - 03830700
HONORS DANCE, LEVEL IV, BALLET IV ABH	1567 ABH - 03830700 1569 ABH - 03830800
HONORS DANCE, LEVEL IV, BALLET IV ABH This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance	<b>1567 ABH -</b> 03830700 <b>1569 ABH -</b> 03830800 Grade level: 9 – 12
HONORS DANCE, LEVEL IV, BALLET IV ABH This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment,	<b>1567 ABH</b> - 03830700 <b>1569 ABH</b> - 03830800 Grade level: 9 – 12 Credit(s): 1
HONORS DANCE, LEVEL IV, BALLET IV ABH This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance	<b>1567 ABH -</b> 03830700 <b>1569 ABH -</b> 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
HONORS DANCE, LEVEL IV, BALLET IV ABH This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.	<b>1567 ABH</b> - 03830700 <b>1569 ABH</b> - 03830800 Grade level: 9 – 12 Credit(s): 1
HONORS DANCE, LEVEL IV, BALLET IV ABH This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required. Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant	<b>1567 ABH -</b> 03830700 <b>1569 ABH -</b> 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
HONORS DANCE, LEVEL IV, BALLET IV ABH This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required. Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant Prerequisites: Teacher recommendation; taken in sequence	<b>1567 ABH -</b> 03830700 <b>1569 ABH -</b> 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next?       Dance II-IV	<b>1567 ABH</b> - 03830700 <b>1569 ABH</b> - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b>
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites:         Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next?       Dance II-IV         Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL II, WORLD DANCE FORMS II AB	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL II, WORLD DANCE FORMS III AB         DANCE, LEVEL III, WORLD DANCE FORMS III AB	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832300
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL II, WORLD DANCE FORMS II AB         DANCE, LEVEL II, WORLD DANCE FORMS II AB         DANCE, LEVEL IV, WORLD DANCE FORMS II AB	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL II, WORLD DANCE FORMS II AB         DANCE, LEVEL III, WORLD DANCE FORMS II AB         DANCE, LEVEL IV, WORLD DANCE FORMS IN AB         DANCE PORVIES an opportunity for students with an interest in world dance to be exposed to dances that	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance to be immersed in this codified dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL III, WORLD DANCE FORMS II AB         DANCE, LEVEL IV, WORLD DANCE FORMS II AB         DANCE, LEVEL IV, WORLD DANCE FORMS II AB         DANCE, LEVEL IV, WORLD DANCE FORMS IN AB	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance to be immersed in this codified dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL III, WORLD DANCE FORMS II AB         DANCE, LEVEL IV, WORLD DANCE FORMS II AB         DANCE, LEVEL IV, WORLD DANCE FORMS IN AB	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL III, WORLD DANCE FORMS II AB         DANCE, LEVEL III, WORLD DANCE FORMS II AB         DANCE, LEVEL IV, WORLD DANCE FORMS IV AB         This dance course provides an opportunity for students with an interest in world dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a movement-based class each day, focusing on technique, artistry, alignment, and movement quality. Recommended for campuses offering Ballet Folklorico. Attendance at all rehearsals and performances is required.	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL II, WORLD DANCE FORMS II AB         DANCE, LEVEL II, WORLD DANCE FORMS III AB         DANCE, LEVEL IV, WORLD DANCE FORMS IV AB         This dance course provides an opportunity for students with an interest in world dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a movement-based class each day, focusing on technique, artistry, alignment, and movement quality. Recommended for campuses offering Ballet Folklorico. Attendance at all rehearsals and performances is required.	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL II, WORLD DANCE FORMS III AB         DANCE, LEVEL II, WORLD DANCE FORMS III AB         DANCE, LEVEL IV, WORLD DANCE FORMS IV AB         This dance course provides an opportunity for students with an interest in world dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a movement-based class each day, focusing on technique, artistry, alignment, and movement quality. Recommended for campuses offering Ballet Folklorico. Attendance at all rehearsals and performances is required.         Instructional Material: No state-adopted textbook/Contact Content Director         Prerequisites:       Teacher recommendation; taken in sequence	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL II, WORLD DANCE FORMS III AB         DANCE, LEVEL IV, WORLD DANCE FORMS IV AB         This dance course provides an opportunity for students with an interest in world dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a movement-based class each day, focusing on technique, artistry, alignment, and movement quality. Recommended for campuses offering Ballet Folklorico. Attendance at all rehearsals and performances is required.         Instructional Material: No state-adopted textbook/Contact Content Director         Prerequisites:       Teacher recommendation; taken in sequence	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL II, WORLD DANCE FORMS II AB         DANCE, LEVEL II, WORLD DANCE FORMS II AB         DANCE, LEVEL IV, WORLD DANCE FORMS IV AB         This dance course provides an opportunity for students with an interest in world dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a movement-based class each day, focusing on technique, artistry, alignment, and movement quality. Recommended for campuses offering Ballet Folklorico. Attendance at all rehearsals and performances is required.         Instructional Material: No state-adopted textbook/Contact Content Director         Prerequisites:       Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights, I.M. Terrell Academy and Diamond Hill-Jarvis.	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance         technique.       Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment,         and movement quality.       Students will be required to perform in one production per semester. Attendance         at all rehearsals and performances is required.       Instructional Material; Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites:       Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL IV, WORLD DANCE FORMS III AB         DANCE, LEVEL IV, WORLD DANCE FORMS IV AB         This dance course provides an opportunity for students with an interest in world dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a movement-based class each day, focusing on technique, artistry, alignment, and movement quality. Recommended for campuses offering Ballet Folklorico. Attendance at all rehearsals and performances is required.         Instructional Material: No state-adopted textbook/Contact Content Director         Prerequisites:       Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights, I.M. Terrell Academy and Diamond Hill-Jar	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 1570 ABH - 03832100
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional.Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites:       Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS I AB         DANCE, LEVEL II, WORLD DANCE FORMS III AB         DANCE, LEVEL IV, WORLD DANCE FORMS III AB         DANCE, LEVEL IV, WORLD DANCE FORMS IV AB         This dance course provides an opportunity for students with an interest in world dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a movement-based class each day, focusing on technique, artistry, alignment, and movement quality. Recommended for campuses offering Ballet Folkorico. Attendance at all rehearsals and performances is required.         Instructional Material: No state-adopted textbook/Contact Content Director         Prerequisites:         Teacher recommendation; taken in sequence         What's Next? Dance II-IV         Course is only available at Arlington Heights, I.M. Terrell Academy and Diamond Hill-Jar	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 1570 ABH - 03832100 1572 ABH - 03832200
HONORS DANCE, LEVEL IV, BALLET IV ABH         This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required.         Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant         Prerequisites: Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights and I.M. Terrell Academy.         DANCE, LEVEL I, WORLD DANCE FORMS II AB         DANCE, LEVEL II, WORLD DANCE FORMS III AB         DANCE, LEVEL IV, WORLD DANCE FORMS III AB         DANCE, LEVEL IV, WORLD DANCE FORMS IV AB         This dance course provides an opportunity for students with an interest in world dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a movement-based class each day, focusing on technique, artistry, alignment, and movement quality. Recommended for campuses offering Ballet Folklorico. Attendance at all rehearsals and performances is required.         Instructional Material: No state-adopted textbook/Contact Content Director         Prerequisites:       Teacher recommendation; taken in sequence         What's Next? Dance II-IV       Course is only available at Arlington Heights, I.M. Terrell Academy and Diamond Hill-Jarvis.         HONORS DANCE	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 1570 ABH - 03832100 1572 ABH - 03832200 1574 ABH - 03832300
HONORS DANCE, LEVEL IV, BALLET IV ABH This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required. Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant Prerequisites: Teacher recommendation; taken in sequence What's Next? Dance II-IV Course is only available at Arlington Heights and I.M. Terrell Academy. DANCE, LEVEL I, WORLD DANCE FORMS II AB DANCE, LEVEL II, WORLD DANCE FORMS II AB DANCE, LEVEL II, WORLD DANCE FORMS IV AB This dance course provides an opportunity for students with an interest in world dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a movement- based class each day, focusing on technique, artistry, alignment, and movement quality. Recommended for campuses offering Ballet Folklorico. Attendance at all rehearsals and performances is required. Instructional Material: No state-adopted textbook/Contact Content Director Prerequisites: Teacher recommendation; taken in sequence What's Next? Dance II-IV Course is only available at Arlington Heights, I.M. Terrell Academy and Diamond Hill-Jarvis. HONORS DANCE, LEVEL I, WORLD DANCE FORMS I ABH HONORS DANCE, LEVEL I, WORLD DANCE FORMS I ABH HONORS DANCE, LEVEL I, WORLD DANCE FORMS I ABH HONORS DANCE, LEVEL II, WORLD DANCE FORMS I ABH HONORS DANCE, LEVEL II, WORLD DANCE FORMS I ABH HONORS DANCE, LEVEL II, WORLD DANCE FORMS I ABH HONORS DANCE, LEVEL II, WORLD DANCE FORMS I ABH HONORS DANCE, LEVEL III, WORLD DANCE FORMS I ABH	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 1570 ABH - 03832100 1572 ABH - 03832200
HONORS DANCE, LEVEL IV, BALLET IV ABH This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required. Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant Prerequisites: Teacher recommendation; taken in sequence What's Next2 Dance II-IV Course is only available at Arlington Heights and I.M. Terrell Academy. DANCE, LEVEL I, WORLD DANCE FORMS II AB DANCE, LEVEL II, WORLD DANCE FORMS III AB DANCE, LEVEL III, WORLD DANCE FORMS IV AB This dance course provides an opportunity for students with an interest in world dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a movement- based class each day, focusing on technique, artistry, alignment, and movement quality. Recommended for campuses offering Ballet Folklorico. Attendance at all rehearsals and performances is required. Instructional Material: No state-adopted textbook/Contact Content Director Prerequisites: Teacher recommendation; taken in sequence What's Next? Dance II-IV Course is only available at Arlington Heights, I.M. Terrell Academy and Diamond Hill-Jarvis. HONORS DANCE, LEVEL II, WORLD DANCE FORMS II AB HONORS DANCE, LEVEL II, WORLD DANCE FORMS II AB HONORS DANCE, LEVEL II, WORLD DANCE FORMS II AB HONORS DANCE, LEVEL II, WORLD DANCE FORMS II AB HONORS DANCE, LEVEL III, WORLD DANCE FORMS II ABH HONORS DANCE, LEVEL III, WORLD DANCE FORMS II ABH HONORS DANCE, LEVEL II, WORLD DANCE FORMS II ABH HONORS DANCE, LEVEL II, WORLD DANCE FORMS II ABH HONORS DANCE, LEVEL II, WORLD DANCE FORMS II ABH HONORS DANCE, LEVEL III, WORLD DANCE FORMS II ABH HONORS DANCE, LEVEL III, WORLD DANCE FORMS II ABH HONORS DANCE, LEVEL III, WORLD	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 1570 ABH - 03832100 1572 ABH - 03832200 1574 ABH - 03832200 1576 ABH - 03832400
HONORS DANCE, LEVEL IV, BALLET IV ABH This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required. Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant Prerequisites: Teacher recommendation; taken in sequence What's Next? Dance II-IV Course is only available at Arlington Heights and I.M. Terrell Academy. DANCE, LEVEL I, WORLD DANCE FORMS II AB DANCE, LEVEL II, WORLD DANCE FORMS II AB DANCE, LEVEL II, WORLD DANCE FORMS IV AB This dance course provides an opportunity for students with an interest in world dance to be exposed to dances that are part of cultures, traditions, customs, and rituals from around the world. Students will participate in a movement- based class each day, focusing on technique, artistry, alignment, and movement quality. Recommended for campuses offering Ballet Folklorico. Attendance at all rehearsals and performances is required. HONORS DANCE, LEVEL I, WORLD DANCE FORMS I AB HONORS DANCE, LEVEL I, WORLD DANCE FORMS II AB DANCE, LEVEL II, WORLD CHOR ALL PROVIDE ALL PROVIDES AND ALL PROVI	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 1570 ABH - 03832100 1572 ABH - 03832200 1574 ABH - 03832200 1576 ABH - 03832400 Grade level: 9 – 12
HONORS DANCE, LEVEL IV, BALLET IV ABH This course provides an opportunity for students with an interest in ballet to be immersed in this codified dance technique. Students will participate in a traditional ballet class each day, focusing on technique, artistry, alignment, and movement quality. Students will be required to perform in one production per semester. Attendance at all rehearsals and performances is required. Instructional Material: Technical Manual and Dictionary of Classical Ballet by Gail Grant Prerequisites: Teacher recommendation; taken in sequence	1567 ABH - 03830700 1569 ABH - 03830800 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 1533 AB - 03832100 1535 AB - 03832200 1537 AB - 03832200 1539 AB - 03832400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 1570 ABH - 03832100 1572 ABH - 03832200 1574 ABH - 03832200 1576 ABH - 03832400

Instructional Material: No state-adopted textbook/Contact Content Director	Tier II
Prerequisites: Teacher recommendation; taken in sequence	
What's Next? Dance II-IV	
Course is only available at Arlington Heights, I.M. Terrell Academy and Diamond Hill-Jarvis.	
DANCE, LEVEL I, TAP I AB	1540 AB - 03831700
DANCE, LEVEL II, TAP II AB	1542 AB - 03831800
DANCE, LEVEL III, TAP III AB	<b>1544 AB -</b> 03831900
DANCE, LEVEL IV, TAP IV AB	1546 AB - 03832000
This dance course provides an opportunity for students with an interest in Tap Dance to be immersed in this	
codified dance technique. Students will participate in a Tap technique class each day, focusing on technique,	Grade level: 9 – 12
artistry, alignment, and movement quality. Attendance at all rehearsals and performances is required.	Credit(s): 1
Instructional Material: No state-adopted textbook/Contact Content Director	College Hour(s): NA
Prerequisites: Teacher recommendation; taken in sequence	Tier III
<u>What's Next?</u> Dance II-IV Course is only available at Arlington Heights and I.M. Terrell Academy.	
HONORS DANCE, LEVEL I, TAP I ABH	1571 ABH - 03831700
HONORS DANCE, LEVEL II, TAP II ABH	1573 ABH - 03831800
HONORS DANCE, LEVEL III, TAP III ABH	1575 ABH - 03831900
HONORS DANCE, LEVEL IV, TAP IV ABH	1577 ABH - 03832000
This dance course provides an opportunity for students with an interest in Tap Dance to be immersed in this	
codified dance technique. Students will participate in a Tap technique class each day, focusing on technique,	Grade level: 9 – 12
artistry, alignment, and movement quality. Students will be required to perform in one production per semester.	Credit(s): 1
Attendance at all rehearsals and performances is required.	College Hour(s): NA
Instructional Material: No state-adopted textbook/Contact Content Director	Tier II
Prerequisites: Teacher recommendation; taken in sequence	
<u>What's Next?</u> Dance II-IV Course is only available at Arlington Heights and I.M. Terrell Academy.	
DANCE, LEVEL I, MODERN/CONTEMPORARY I AB	1541 AB - 03830900
DANCE, LEVEL II, MODERN/CONTEMPORARY II AB	1543 AB - 03831000
DANCE, LEVEL III, MODERN/CONTEMPORARY III AB	<b>1545 AB -</b> 03831100
DANCE, LEVEL IV, MODERN/CONTEMPORARY IV AB	1547 AB - 03831200
This dance course provides an opportunity for students with an interest in modern dance to be immersed in this	
codified dance technique. Students will participate in a modern technique class each day, focusing on technique,	Grade level: 9 – 12
artistry, alignment, and movement quality. Along with focusing on technique, students will work on choreographic	Credit(s): 1
skills and phrase work. Attendance at all rehearsals and performances is required.	College Hour(s): NA
Instructional Material: No state-adopted textbook/Contact Content Director	Tier III
Prerequisites: Teacher recommendation; taken in sequence	
<u>What's Next?</u> Dance II-IV Course is only available at Arlington Heights and I.M. Terrell Academy.	
HONORS DANCE, LEVEL I, MODERN/CONTEMPORARY I ABH	1578 ABH - 03830900
HONORS DANCE, LEVEL II, MODERN/CONTEMPORARY II ABH	1580 ABH - 03831000
HONORS DANCE, LEVEL III, MODERN/CONTEMPORARY III ABH	1582 ABH - 03831100
HONORS DANCE, LEVEL IV, MODERN/CONTEMPORARY IV ABH	1584 ABH - 03831200
This dance course provides an opportunity for students with an interest in modern dance to be immersed in this	
codified dance technique. Students will participate in a modern technique class each day, focusing on technique,	Grade level: 9 – 12
artistry, alignment, and movement quality. Along with focusing on technique, students will work on choreographic	Credit(s): 1
skills and phrase work. Students will be required to perform in one production per semester. Attendance at all	College Hour(s): NA
rehearsals and performances is required.	Tier II
Instructional Material: No state-adopted textbook/Contact Content Director	
Prerequisites: Teacher recommendation; taken in sequence	
What's Next?         Dance II-IV         Course is only available at Arlington Heights and I.M. Terrell Academy.	
ADVANCED STUDIES IN MODERN DANCE, LEVEL IV, MODERN/CONTEMPORARY IV AB	1588 AB
In this collegiate level dance course, students will be immersed in a rigorous version of Modern Dance. Daily,	03831200
students will be engaged in a codified Modern technique, artistry, alignment, and movement at the highest level. In	
addition, students will focus on choreographic skills, phrase work, and the anatomy of a dancer. Students will be	Grade level: 12
required to perform in one production per semester, as well as required to have written, oral, and physical	Credit(s): 1
summative and formative assessments: demonstrating and showcasing mastery of the various codified Modern	College Hour(s): NA
technique studies (Floor Work, Fortifications, Preludes, etc. are a few examples from various codified modern	Tier I
techniques). Attendance at all rehearsal, performance, and formative assessments are required.	
Instructional Material: No state-adopted textbook/Contact Content Director	
Prerequisites: Teacher recommendation; taken in sequence	
<u>What's Next?</u> NA	

<u>What's Next?</u> NA Course is only available at I.M. Terrell Academy.

DANCE, LEVEL I, JAZZ I AB	<b>1548 AB -</b> 03831300
DANCE, LEVEL II, JAZZ II AB	<b>1549 AB -</b> 03831400
DANCE, LEVEL III, JAZZ III AB	1550 AB - 03831500
DANCE, LEVEL IV, JAZZ IV AB	<b>1551 AB</b> - 03831600
This dance course provides an opportunity for students with an interest in Jazz Dance to be immersed in this	<b>ISST AB -</b> 03851600
	Crada lavel: 0 12
codified dance technique. Students will participate in a Jazz technique class each day, focusing on technique,	Grade level: 9 – 12
artistry, alignment, and movement quality. Attendance at all rehearsals and performances is required.	Credit(s): 1
nstructional Material: No state-adopted textbook/Contact Content Director	College Hour(s): NA
Prerequisites: Teacher recommendation; taken in sequence	Tier III
<u>What's Next?</u> Dance II-IV	
Course is only available at Arlington Heights and I.M. Terrell Academy.	1570 ADLL 02021200
HONORS DANCE, LEVEL I, JAZZ I ABH	1579 ABH - 03831300
HONORS DANCE, LEVEL II, JAZZ II ABH	<b>1581 ABH -</b> 03831400
HONORS DANCE, LEVEL III, JAZZ III ABH	1583 ABH - 03831500
HONORS DANCE, LEVEL IV, JAZZ IV ABH	1585 ABH - 03831600
This dance course provides an opportunity for students with an interest in Jazz Dance to be immersed in this	
codified dance technique. Students will participate in a Jazz technique class each day, focusing on technique,	Grade level: 9 – 12
artistry, alignment, and movement quality. Students will be required to perform in one production per semes	
Attendance at all rehearsals and performances is required.	College Hour(s): NA
nstructional Material: No state-adopted textbook/Contact Content Director	Tier II
Prerequisites: Teacher recommendation; taken in sequence	
What's Next?         Dance II-IV         Course is only available at Arlington Heights and I.M. Terrell Acade	emy.
DUAL CREDIT DANCE, LEVEL I PRINCIPLES OF DANCE I A	1501 A
CC Course: Dance Appreciation (DANC 2303)	03830100
Survey of primitive, classical, and contemporary dance and its interrelationship with cultural developments and	other ECHS Grade level: 9-12
art forms.	Grade level: 9 - 12
nstructional Material: NA	Credit(s): 1
FWISD Prerequisites: Parental permission; taken in sequence	College Hour(s): 3
What's Next? N/A Course taught by an approved District or adjunct instruc	-
DUAL CREDIT DANCE, LEVEL I PRINCIPLES OF DANCE I B	1501 B
· · · · · ·	
TCC Course: Ballet I (DANC 1341)	03830100
· · ·	
· · ·	ECHS Grade level: 9-12
nstruction and participation in ballet technique.	ECHS Grade level: 9-12 Grade level: 9 - 12
nstruction and participation in ballet technique. nstructional Material: NA	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1
nstruction and participation in ballet technique. <u>Instructional Material:</u> NA FWISD Prerequisites: Parental permission; taken in sequence	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3
nstruction and participation in ballet technique. <u>nstructional Material:</u> NA <u>FWISD Prerequisites:</u> Parental permission; taken in sequence <u>What's Next?</u> N/A <u>Course taught by an approved District or adjunct instruct</u>	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3
nstruction and participation in ballet technique. <u>Instructional Material:</u> NA <u>EWISD Prerequisites:</u> Parental permission; taken in sequence <u>What's Next?</u> N/A <u>Course taught by an approved District or adjunct instruc</u> DANCE I, DANCE AND MEDIA COMMUNICATIONS I AB	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3 <b>tor. Tier I</b> <b>1517 AB -</b> 03834500
DANCE I, DANCE AND MEDIA COMMUNICATIONS I AB DANCE II, DANCE AND MEDIA COMMUNICATIONS II AB	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3 tor. Tier I 1517 AB - 03834500 1519 AB - 03834600
nstruction and participation in ballet technique. <u>Instructional Material:</u> NA <u>EWISD Prerequisites:</u> Parental permission; taken in sequence <u>What's Next?</u> N/A <u>Course taught by an approved District or adjunct instruct</u> <b>DANCE I, DANCE AND MEDIA COMMUNICATIONS I AB</b> <u>DANCE II, DANCE AND MEDIA COMMUNICATIONS II AB</u> Builds on Dance I- IV AB TEKS and incorporates multi-media and production curriculum. Designed for the stude	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3 tor. Tier I 1517 AB - 03834500 1519 AB - 03834600 nt
Instruction and participation in ballet technique. Instructional Material: NA FWISD Prerequisites: Parental permission; taken in sequence What's Next? N/A Course taught by an approved District or adjunct instruct DANCE I, DANCE AND MEDIA COMMUNICATIONS I AB DANCE II, DANCE AND MEDIA COMMUNICATIONS II AB Builds on Dance I- IV AB TEKS and incorporates multi-media and production curriculum. Designed for the stude who plans to study dance and or media productions/communications at the college and or career level. Emphase	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3 tor. Tier I 1517 AB - 03834500 1519 AB - 03834600 nt sizes Grade level: 9 – 12
nstruction and participation in ballet technique. <u>nstructional Material:</u> NA <u>WISD Prerequisites:</u> Parental permission; taken in sequence <u>What's Next?</u> N/A <u>Course taught by an approved District or adjunct instruct</u> <b>DANCE I, DANCE AND MEDIA COMMUNICATIONS I AB</b> <u>DANCE II, DANCE AND MEDIA COMMUNICATIONS II AB</u> Builds on Dance I- IV AB TEKS and incorporates multi-media and production curriculum. Designed for the stude who plans to study dance and or media productions/communications at the college and or career level. Emphas: classical ballet and modern dance, while continuing the study of jazz, tap, and world dance with multi-media	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3 <b>tor. Tier I</b> <b>1517 AB -</b> 03834500 <b>1519 AB -</b> 03834600 nt sizes Grade level: 9 – 12 Credit(s): 1
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nstruction and participation in ballet technique. nstructional Material: NA WISD Prerequisites: Parental permission; taken in sequence What's Next? N/A Course taught by an approved District or adjunct instruct DANCE I, DANCE AND MEDIA COMMUNICATIONS I AB DANCE I, DANCE AND MEDIA COMMUNICATIONS II AB Builds on Dance I - IV AB TEKS and incorporates multi-media and production curriculum. Designed for the stude who plans to study dance and or media productions/communications at the college and or career level. Emphase lassical ballet and modern dance, while continuing the study of jazz, tap, and world dance with multi-media elements. Expands the students' experiences with choreography, musical theatre, dance, and media communications/productions. Focuses on auditioning, rehearsal, performance techniques and media communications/productions. Focuses on auditioning, rehearsal, performance techniques and media communications/productions. Prepares students for auditions into college dance and or media production programs. Class activities and assessment projects are unique to this section including a dance program combin with instruction on media productions. Activities will include professional, world-of-work contexts including evaluating live performances, and producing and recording multimedia dance productions. Involves students in ppropriate lass/public performance activities and media productions. Students are expected to participate and produce at least one quality event/project at least every 6 weeks. Attendance at all rehearsals and performances equired. <u>nstructional Material</u> : Experiencing Dance Teacher Web Resource 2nd Edition, Human Kinetics, 9781492504733: Experiencing Dance-2nd Edition-From Student to Dance Artist, Human Kinetics, 9781450421904 <u>Prerequisites</u> : Any Dance Course <u>Mhat's Next?</u> Taken in sequence <u>Course is only available at Arlington Heights an I.M. Terrell Academy</u> . HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS I ABH HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3 tor. Tier I 1517 AB - 03834500 1519 AB - 03834600 nt sizes Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III eed 5 is 1518 ABH - 03834500 1520 ABH - 03834500 1520 ABH - 03834600
nstruction and participation in ballet technique. <u>nstructional Material:</u> NA <u>WISD Prerequisites:</u> Parental permission; taken in sequence <u>What's Next?</u> N/A <u>Course taught by an approved District or adjunct instruct</u> <u>DANCE I, DANCE AND MEDIA COMMUNICATIONS I AB</u> <u>DANCE II, DANCE AND MEDIA COMMUNICATIONS II AB</u> Builds on Dance I- IV AB TEKS and incorporates multi-media and production curriculum. Designed for the stude who plans to study dance and or media productions/communications at the college and or career level. Emphase classical ballet and modern dance, while continuing the study of jazz, tap, and world dance with multi-media elements. Expands the students' experiences with choreography, musical theatre, dance, and media communications/productions. Focuses on auditioning, rehearsal, performance techniques and media communications/productions. Prepares students for auditions into college dance and or media production programs. Class activities and assessment projects are unique to this section including a dance program combin with instruction on media productiong and recording multimedia dance productions. Involves students in appropriate lass/public performance activities and media productions. Students are expected to participate and produce at least one quality event/project at least every 6 weeks. Attendance at all rehearsals and performances required. <u>nstructional Material:</u> Experiencing Dance Teacher Web Resource 2nd Edition, Human Kinetics, 9781492504733: <u>Experiencing Dance-2nd Edition-From Student to Dance Artist, Human Kinetics</u> , 9781450421904 <u>Prerequisites:</u> Any Dance Course	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3 tor. Tier I 1517 AB - 03834500 1519 AB - 03834600 nt sizes Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III Hed 1518 ABH - 03834500 1520 ABH - 03834500 1520 ABH - 03834500
nstruction and participation in ballet technique. nstructional Material: NA WISD Prerequisites: Parental permission; taken in sequence What's Next? N/A Course taught by an approved District or adjunct instruct DANCE I, DANCE AND MEDIA COMMUNICATIONS I AB DANCE II, DANCE AND MEDIA COMMUNICATIONS II AB Sounds on Dance I-IV AB TEKS and incorporates multi-media and production curriculum. Designed for the stude who plans to study dance and or media productions/communications at the college and or career level. Empha: lassical ballet and modern dance, while continuing the study of jazz, tap, and world dance with multi-media elements. Expands the students' experiences with choreography, musical theatre, dance, and media communications/productions. Focuses on auditioning, rehearsal, performance techniques and media communications/productions. Prepares students for auditions into college dance and or media production orograms. Class activities and assessment projects are unique to this section including a dance program combin with instruction on media productiong and recording multimedia dance productions. Involves students in papropriate lass/public performance activities and media productions. Students are expected to participate and oroduce at least one quality event/project at least every 6 weeks. Attendance at all rehearsals and performances equired. <u>Nat's Next?</u> Taken in sequence <u>Curse is only available at Arlington Heights an I.M. Terrell Academy.</u> HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS I ABH <u>HONORS DANCE II, DANCE AND MEDIA COMMUNICATIONS II ABH</u> <u>HONORS DANCE II, DANCE AND MEDIA CO</u>	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3 tor. Tier I 1517 AB - 03834500 1519 AB - 03834600 nt sizes Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III ned 1518 ABH - 03834500 1520 A
nstruction and participation in ballet technique.  nstruction and participation in ballet technique.  nstructional Material: NA  WISD Prerequisites; Parental permission; taken in sequence  Mhat's Next? N/A  Course taught by an approved District or adjunct instruct  DANCE I, DANCE AND MEDIA COMMUNICATIONS I AB DANCE II, DANCE AND MEDIA COMMUNICATIONS II AB Davids on Dance I- IV AB TEKS and incorporates multi-media and production curriculum. Designed for the stude who plans to study dance and or media productions/communications at the college and or career level. Emphasi classical ballet and modern dance, while continuing the study of jazz, tap, and world dance with multi-media rements. Expands the students' experiences with choreography, musical theatre, dance, and media communications/productions. Focuses on auditioning, rehearsal, performance techniques and media communications/productions. Prepares students for auditions into college dance and or media production orograms. Class activities and assessment projects are unique to this section including a dance program combir with instruction on media productions. Activities will include professional, world-of-work contexts including evaluating live performances, and producing and recording multimedia dance productions. Involves students in appropriate lass/public performance activities and media productions. Students are expected to participate and produce at least one quality event/project at least every 6 weeks. Attendance at all rehearsals and performances equired. <u>nstructional Material</u> ; Experiencing Dance Teacher Web Resource 2nd Edition, Human Kinetics, 9781492504733: Experiencing Dance-2nd Edition-From Student to Dance Artist, Human Kinetics, 9781450421904 <u>Prerequisites</u> ; Any Dance Course <u>Mhat's Next?</u> Taken in sequence <u>Course is only available at Arlington Heights an I.M. Terrell Academy</u> . HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS I ABH HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS I ABH HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS I ABH HONO	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3 tor. Tier I 1517 AB - 03834500 1519 AB - 03834600 nt sizes Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III ned 1518 ABH - 03834500 1520 A
nstruction and participation in ballet technique. nstructional Material; NA WISD Prerequisites; Parental permission; taken in sequence Mhat's Next? N/A DANCE 1, DANCE AND MEDIA COMMUNICATIONS I AB DANCE 1, DANCE AND MEDIA COMMUNICATIONS I AB DANCE 1, DANCE AND MEDIA COMMUNICATIONS II AB Builds on Dance I- IV AB TEKS and incorporates multi-media and production curriculum. Designed for the stude who plans to study dance and or media productions/communications at the college and or career level. Emphase classical ballet and modern dance, while continuing the study of jazz, tap, and world dance with multi-media elements. Expands the students' experiences with choreography, musical theatre, dance, and media communications/productions. Focuses on auditioning, rehearsal, performance techniques and media communications/productions. Prepares students for auditions into college dance and or media production programs. Class activities and assessment projects are unique to this section including a dance program combir with instruction on media producting and recording multimedia dance productions. Involves students in papropriate lass/public performance activities and media productions. Students are expected to participate and produce at least one quality event/project at least every 6 weeks. Attendance at all rehearsals and performances equired. nstructional Material; Experiencing Dance Teacher Web Resource 2nd Edition, Human Kinetics, 9781492504733: Experiencing Dance-2nd Edition-From Student to Dance Artist, Human Kinetics, 9781450421904 Prerequisites; Any Dance Course Mat's Next? Taken in sequence Course is only available at Arlington Heights an I.M. Terrell Academy. HONORS DANCE 1, DANCE AND MEDIA COMMUNICATIONS 1 ABH HONORS DANCE 1, DANCE AND MEDIA COMMUNICATIONS 1 ABH EXENDS and builds on Dance IV AB TEKS and incorporates multi-media and production curriculum. Designed for tudent who plans to study dance and or media productions at the college and career level. Emphasizes classica baliet a	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3 tor. Tier I 1517 AB - 03834500 1519 AB - 03834600 nt sizes Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III ned 1518 ABH - 03834500 1520 A
nstruction and participation in ballet technique.  Instruction and participation in ballet technique.  Instructional Material; NA  WISD Prerequisites: Parental permission; taken in sequence  Mat's Next? N/A  Course taught by an approved District or adjunct instruct DANCE I, DANCE AND MEDIA COMMUNICATIONS I AB DANCE II, DANCE AND MEDIA COMMUNICATIONS II AB  Suilds on Dance I - IV AB TEKS and incorporates multi-media and production curriculum. Designed for the stude who plans to study dance and or media productions/communications at the college and or career level. Emphasi alassical ballet and modern dance, while continuing the study of jazz, tap, and world dance with multi-media alements. Expands the students' experiences with choreography, musical theatre, dance, and media communications/productions. Prepares students for auditions into college dance and or media production programs. Class activities and assessment projects are unique to this section including a dance program combin with instruction on media productions. Activities will include professional, world-of-work contexts including propriate lass/public performances, and producing and recording multimedia dance productions. Involves students in propriate lass/public performance activities and media productions. Students are expected to participate and produce at least one quality event/project at least every 6 weeks. Attendance at all rehearsals and performances equired. <u>nstructional Material:</u> Experiencing Dance Teacher Web Resource 2nd Edition, Human Kinetics, 9781492504733: Experiencing Dance-2nd Edition-From Student to Dance Artist, Human Kinetics, 9781492504733: Experiencing Dance Course What's Next? Taken in sequence <u>Course is only available at Arlington Heights an I.M. Terrell Academy</u> . HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS I ABH HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS I ABH HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS I ABH HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS I ABH HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS I	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3 tor. Tier I 1517 AB - 03834500 1519 AB - 03834600 nt sizes Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III ned 1518 ABH - 03834500 1520 A
nstruction and participation in ballet technique.  Instruction and participation in ballet technique.  Instructional Material: NA WISD Prerequisites: Parental permission; taken in sequence Vhat's Next? N/A Course taught by an approved District or adjunct instruct DANCE I, DANCE AND MEDIA COMMUNICATIONS I AB DANCE II, DANCE AND MEDIA COMMUNICATIONS II AB DANCE II, DANCE AND MEDIA COMMUNICATIONS, Propares students for auditions, preformance techniques and media communications/productions. Focuses on auditioning, rehearsal, performance techniques and media communications/productions. Prepares students for auditions into college dance and or media production roorgarms. Class activities and assessment projects are unique to this section including a dance program combin with instruction on media productions. Activities will include professional, world-of-work contexts including pipropriate lass/public performance activities and media productions. Students are expected to participate and produce at least one quality event/project at least every 6 weeks. Attendance at all rehearsals and performances equired. <u>nstructional Material:</u> Experiencing Dance Teacher Web Resource 2nd Edition, Human Kinetics, 9781492504733: Experiencing Dance Course What's Next? Taken in sequence Course is only available at Arlington Heights an I.M. Terrell Academy. HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS I ABH HONORS DANCE I, DANCE AND MEDIA COMMUNICATIONS I ABH HONORS DANCE I	ECHS Grade level: 9-12 Grade level: 9 - 12 Credit(s): 1 College Hour(s): 3 tor. Tier I 1517 AB - 03834500 1519 AB - 03834600 nt sizes Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III ned 1518 ABH - 03834500 1520 A

media production experts. Activities will include professional and world-of-work contexts including evaluating live performances, and producing quality media arts productions. Involves students in appropriate class/public performance activities. Students will be involved with choreographing, directing dance concerts, as well as, producing quality media communications of Dance events. Requires successful completion of at least one special project per six weeks approved and monitored by the teacher. Students will also work with at least one off-campus dance and or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards. Attendance at all rehearsals and performances is required.

Instructional Material: Experiencing Dance Teacher Web Resource 2nd Edition, Human Kinetics, 9781492504733: Experiencing Dance-2nd Edition-From Student to Dance Artist, Human Kinetics, 9781450421904 Prerequisites: Any Dance Course

What's Next? Taken in sequence

Course is only available at Arlington Heights and I.M. Terrell Academy.

Course is only available at Arlington Heights and I.M. Terrell Academy.	
FINE ARTS, LEVEL IV, VPA CAPSTONE AB	VPA1000 AB
The aim of this course is to provide opportunity for students to explore college preparation and professional	84500XXX
applications of their VPA craft. Advanced credit with college and career readiness focused assignments and special	
projects will be approved and monitored by the instructor. Students will document their four years of VPA work	
hrough the completion of their portfolio in the first semester. Students will receive opportunities to job shadow	
nd/or participate in unpaid practicums, networking, preparation of interview and audition requirements, and be	
ble to creatively advocate their art to peers and members of the arts community. Students will investigate careers	Grade level: 12
the arts, develop problem solving skills and apply their art to a service learning action project. Students will	Credit(s): Local Credit
ctively prepare their capstone project to be presented in the spring semester (recital, gallery exhibit, direction of	College Hour(s): NA
lay, or project).	
istructional Material: N/A	
rerequisites: Level I-III of a Fine Arts Content	
<u>'hat's Next?</u> N/A	
nis is for local credit only and only available at I.M. Terrell Academy for STEM & VPA.	
HEATRE I, THEATRE ARTS I AB	3731 AB
troduces students to the basic concepts of acting technique, history of theatre, introduction to Technical Theatre,	03250100
ice, diction, and articulation for the stage. Also covers basic costuming, make-up, careers in Theatre, and audience	
iquette.	Grade level: 9 - 12
structional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Credit(s): 1
story Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	College Hour(s): NA
809310544002	Tier III
erequisites: None	
<u>'hat's Next?</u> Theatre Arts II AB	
ONORS THEATRE I, THEATRE ARTS I ABH	3729 ABH
tends the Theatre I requirements into a rigorous in-depth focus. Students will develop a portfolio that will include	03250100
n original short play for submission in a local contest, such as Circle Theatre Playwriting Contest, Stage West	
aywriting Contest, etc.	Grade level: 9 - 12
structional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Credit(s): 1
story Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	College Hour(s): NA
7809310544002	Tier II
rerequisites: None	
<u>'hat's Next?</u> Theatre Arts II AB	2720.4
UAL CREDIT THEATRE I, THEATRE ARTS I A	3730 A
CC Course: Introduction to Theatre (DRAM 1310)	03250100
irvey of theater including its history, dramatic works, stage techniques, production procedures, and relation to	ECHS Grade level: 9-12
her art forms. Participation in production may be required.	Grade level: 9 - 12
structional Material: NA	Credit(s): 1
VISD & TCC Prerequisites: None	College Hour(s): 3
hat's Next? N/A	Tier I
purse taught by an approved District or adjunct instructor.	
UAL CREDIT THEATRE I, THEATRE ARTS I B	3730 B
CC Course: Acting I (DRAM 1351)	03250100
n introduction to the fundamental principles and tools of acting as used in auditions, rehearsals, and performances.	
is may include ensemble performing, character and script analysis, and basic theater terminology. This exploration	ECHS Grade level: 9-12
Il emphasize the development of the actor's instrument: voice, body and imagination.	Grade level: 9 - 12
structional Material: NA	Credit(s): 0.5
VISD & TCC Prerequisites: None	College Hour(s): 3
hat's Next? N/A	Tier I
purse taught by an approved District or adjunct instructor.	
HEATRE II, THEATRE ARTS II AB	3733 AB
ontinues theatrical studies including molding individual creativity into cooperative group efforts. Provides for the	03250200
ender werde efter her witten er ender der bestenden der der delte er ein ditte einen under eine bereiten er der	

Continues theatrical studies including molding individual creativity into cooperative group efforts. Provides for the development of playwriting, acting, and technical production skills such as auditioning, rehearsal, and performance techniques. Explores theatrical genres throughout history.

Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	Grade level: 10 – 12 Credit(s): 1
History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002	College Hour(s): NA
Prerequisites: Theatre Arts I AB	Tier III
<u>Nhat's Next?</u> Theatre Arts III AB	
HONORS THEATRE II, THEATRE ARTS II ABH	3745 ABH
Extends the Theatre I requirements into a rigorous in-depth focus. Examines and evaluates theatrical genres for character/script analysis, technical design, directing, and historical and cultural influences on theatrical styles. Focuses on career opportunities in theatre, film, television, and other electronic media. Includes activities and assessment projects that involve conflict-based playwriting, effective voice training, construction and operation of	03250200
technical elements, and creating appropriate in-class/public performances. Students will develop a portfolio that will include an original short play for submission in a local contest, such as Circle Theatre Playwriting Contest, Stage West Playwriting Contest, etc.	Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Tier II
History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002	
Prerequisites: Theatre Arts I AB	
What's Next? Theatre Arts III AB	2725 AR
THEATRE III, THEATRE ARTS III AB Advanced theatrical studies including the advanced development of playwriting, acting, and production skills such	<b>3735 AB</b> 03250300
as auditioning, rehearsal, make-up, costuming and performance techniques.	
Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002	Grade level: 11 - 12 Credit(s): 1 Collogo Hour(c): NA
Prerequisites: Theatre Arts II AB	College Hour(s): NA <b>Tier III</b>
What's Next? Theatre Arts IV AB HONORS THEATRE III, THEATRE ARTS III ABH	3747 ABH
Examines and evaluates theatrical genres for character/script analysis, technical design, directing, and historical and	03250300
cultural influences on theatrical styles. Focuses on career opportunities in theatre, film, television, and other electronic media. Includes activities and assessment projects that involve conflict-based playwriting, effective voice training, construction and operation of technical elements, and creating appropriate in-class/public performances. Students will develop a portfolio that will include an original short play for submission in a local contest, such as Circle Theatre Playwriting Contest, Stage West Playwriting Contest, etc. Participation in one extra-curricular competition, performance, and/or production is required.	Grade level: 11 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b>
Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Theatre Arts II AB	
What's Next? Theatre Arts IV AB	
THEATRE IV, THEATRE ARTS IV AB	3773 AB
Focuses on a variety of advanced theatrical production skills such as playwriting, script and character analysis for acting and technical purposes, evaluation of directors, actors, designers, and technician's production responsibilities and their effective execution. Examines career and vocational opportunities in theatre, film, television, and other	03250400 Grade level: 11 – 12
electronic media.	Credit(s): 1
Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Perroavisites: Theatro Acts III AR	College Hour(s): NA <b>Tier III</b>
Prerequisites: Theatre Arts III AB HONORS THEATRE IV, THEATRE ARTS IV AB	3749 ABH
Students will provide an advanced demonstration of all Theatre aspects, such as character/script analysis, technical design, directing, and historical and cultural influences on theatrical styles. Students will focus on career opportunities in theatre, film, television, and other electronic media. Activities will include assessment projects that	03250400
involve conflict-based playwriting, effective voice training, construction and operation of technical elements, and creating appropriate in-class/public performances. Participation in two extra-curricular competitions, performances, and/or productions is required.	Grade level: 11 – 12 Credit(s): 1
Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Decreasivities: Theorem Acts III AB	College Hour(s): NA <b>Tier II</b>
Prerequisites: Theatre Arts III AB THEATRE I, THEATRE AND MEDIA COMMUNICATIONS I AB	3736 AB
Precedes all other high school Theatre Arts courses. Students will learn how to bridge traditional stagecraft with current technology applications to create new media such as animation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student work will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage to address a problem within the community or to effect a change. These projects (minimum of two) will afford students an opportunity to learn and practice	03251300

nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Grade level: 9 – 12
listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	Credit(s): 1
7809310544002	College Hour(s): NA
i <u>rerequisites:</u> None <u>Vhaťs Next?</u> N/A	Tier III
Not available at all campuses	
IONORS THEATRE I, THEATRE AND MEDIA COMMUNICATIONS I ABH	3737 ABH
recedes all other high school Theatre Arts courses. Students will learn how to bridge traditional stagecraft with urrent technology applications to create new media such as animation, digital images, multimedia presentation,	03251300
igital video, websites, and interactive performances. Student work will culminate in a capstone project that	
ivestigates an issue relevant to the student and uses a digital stage to address a problem within the community or o effect a change. These projects (minimum of two) will afford students an opportunity to learn and practice	Grade level: 9 – 12 Credit(s): 1
reative research skills, develop a narrative, engage an audience, and connect an online community to their projects.	College Hour(s): NA
tudents will also attend at least one off-campus theatre and or media production per semester. Students will also reate and produce a portfolio appropriate for college and career standards.	Tier II
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	
listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 17809310544002	
Prerequisites: None	
Vhaťs Next? N/A	
Not available at all campuses	2720 40
<b>HEATRE II, THEATRE AND MEDIA COMMUNICATIONS II AB</b> tudents will practice stage movement techniques, develop skills to express thoughts and feelings, and learn how to	<b>3738 AB</b> 03251400
nalyze characters in scripts. Students will define roles in collaborative relationships (between playwright, director,	
ctor, technician, audience); develop an understanding of the value and purpose of listening, observation,	
oncentration, and emotional and sensory recall; demonstrate safe use of the body; and employ effective	
echniques, as well as be able to define creativity related to personal expression (voice thoughts and feelings).	
tudents will create original scripts; operate technical elements; and perform roles such as actor, director, editor,	
esigner, technician, etc. Historical and cultural influences will be used and portray different times, places, and	
ultures. Students will identify US contributions to the performing arts and the impact of theatre, film, television, and lectronic media on contemporary society, as well as analyze and apply appropriate behavior during live	Grade level: 9 – 12
performances. Their work will culminate in a capstone project that investigates an issue relevant to the student and	Credit(s): 1
ses a digital stage to address a problem within the community or to effect a change. These projects (minimum of	College Hour(s): NA
wo) will afford students an opportunity to learn and practice creative research skills, develop a narrative, engage an	Tier III
udience, and connect an online community to their projects.	
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	
listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	
17809310544002 Prereguisites: Theatre Arts and Media Communications I AB	
Vhat's Next? N/A	
Not available at all campuses	
	3739 ABH
IONORS THEATRE II, THEATRE AND MEDIA COMMUNICATIONS II ABH	
HONORS THEATRE II, THEATRE AND MEDIA COMMUNICATIONS II ABH itudents will bridge traditional stagecraft with current technology applications to create new media such as	03251400
HONORS THEATRE II, THEATRE AND MEDIA COMMUNICATIONS II ABH itudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student	
<b>HONORS THEATRE II, THEATRE AND MEDIA COMMUNICATIONS II ABH</b> itudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student vork will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage	
<b>HONORS THEATRE II, THEATRE AND MEDIA COMMUNICATIONS II ABH</b> itudents will bridge traditional stagecraft with current technology applications to create new media such as mimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student work will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage o address a problem within the community or to effect a change. These projects (minimum of two) will afford	03251400
<b>HONORS THEATRE II, THEATRE AND MEDIA COMMUNICATIONS II ABH</b> itudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student work will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage o address a problem within the community or to effect a change. These projects (minimum of two) will afford tudents an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and	03251400 Grade level: 9 – 12
<b>IDENTIFY and SET UP: IDENTIFY and PROVIDE ADD MEDIA COMMUNICATIONS II ABH</b> tudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student vork will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage o address a problem within the community or to effect a change. These projects (minimum of two) will afford tudents an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and onnect an online community to their projects. Students will also attend at least one off-campus theatre and or	03251400 Grade level: 9 – 12 Credit(s): 1
<b>HONORS THEATRE II, THEATRE AND MEDIA COMMUNICATIONS II ABH</b> itudents will bridge traditional stagecraft with current technology applications to create new media such as mimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student work will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage o address a problem within the community or to effect a change. These projects (minimum of two) will afford	03251400 Grade level: 9 – 12
<b>IDENTIFY and SET UP:</b> The ATRE AND MEDIA COMMUNICATIONS II ABH tudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student work will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage to address a problem within the community or to effect a change. These projects (minimum of two) will afford tudents an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and onnect an online community to their projects. Students will also attend at least one off-campus theatre and or nedia production per semester. Students will also create and produce a portfolio appropriate for college and career tandards. <u>nestructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	03251400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
<b>HONORS THEATRE II, THEATRE AND MEDIA COMMUNICATIONS II ABH</b> itudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student vork will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage o address a problem within the community or to effect a change. These projects (minimum of two) will afford tudents an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and onnect an online community to their projects. Students will also attend at least one off-campus theatre and or nedia production per semester. Students will also create and produce a portfolio appropriate for college and career tandards. <u>nstructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of <i>History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:</i>	03251400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
tudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student vork will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage o address a problem within the community or to effect a change. These projects (minimum of two) will afford tudents an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and onnect an online community to their projects. Students will also attend at least one off-campus theatre and or nedia production per semester. Students will also create and produce a portfolio appropriate for college and career tandards. <a href="https://www.nstructional_Material:">https://www.nstructional_Material:</a> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of 17809310544002	03251400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
tudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student vork will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage o address a problem within the community or to effect a change. These projects (minimum of two) will afford tudents an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and onnect an online community to their projects. Students will also attend at least one off-campus theatre and or nedia production per semester. Students will also create and produce a portfolio appropriate for college and career tandards. <u>nstructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 15BN: 17809310544002	03251400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
tudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student vork will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage to address a problem within the community or to effect a change. These projects (minimum of two) will afford tudents an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and onnect an online community to their projects. Students will also attend at least one off-campus theatre and or nedia production per semester. Students will also create and produce a portfolio appropriate for college and career tandards. <u>nstructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of <i>Iistory Perfection Learning ISBN:</i> 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of <i>Iistory Perfection Learning ISBN:</i> 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of <i>Iistory Perfection Learning ISBN:</i> 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of <i>Iistory Perfection Learning ISBN:</i> 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of <i>Iistory Perfection Learning ISBN:</i> 9780789163325; Creative Communication Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of <i>Iistory Perfection Learning ISBN:</i> 9780789163325; Creative Communication Perfection Learning ISBN: 9780789163325; Creative	03251400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
<b>IDENDING THEATRE II, THEATRE AND MEDIA COMMUNICATIONS II ABH</b> tudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student vork will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage to address a problem within the community or to effect a change. These projects (minimum of two) will afford tudents an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and onnect an online community to their projects. Students will also attend at least one off-campus theatre and or nedia production per semester. Students will also create and produce a portfolio appropriate for college and career tandards. <u>nestructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of <i>Ilistory Perfection Learning ISBN:</i> 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 <u>rerequisites:</u> Honors Theatre Art and Media Communications I AB <u>Vhat's Next?</u> N/A Not available at all campuses	03251400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b>
tudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student vork will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage o address a problem within the community or to effect a change. These projects (minimum of two) will afford tudents an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and onnect an online community to their projects. Students will also attend at least one off-campus theatre and or nedia production per semester. Students will also create and produce a portfolio appropriate for college and career tandards. <u>nstructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of <i>History Perfection Learning ISBN:</i> 9780789163325; Creative Communication Perfection Learning ISBN: 15872789789789163325; Creative Communication Perfection Learning ISBN: 158727897897897897897897897897897897897897897	03251400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>3751 AB</b>
HONORS THEATRE II, THEATRE AND MEDIA COMMUNICATIONS II ABH         tudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage o address a problem within the community or to effect a change. These projects (minimum of two) will afford tudents an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and onnect an online community to their projects. Students will also attend at least one off-campus theatre and or nedia production per semester. Students will also create and produce a portfolio appropriate for college and career tandards.         nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 17809310544002         trerequisites:       Honors Theatre Art and Media Communications I AB         Vhat's Next? N/A       N/A         Not available at all campuses       TECHNICAL THEATRE I AB         tudies the technical side of theatre by providing instruction in a laboratory setting in makeup, costuming, stage	03251400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>3751 AB</b> 03250500
tudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student vork will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage o address a problem within the community or to effect a change. These projects (minimum of two) will afford tudents an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and onnect an online community to their projects. Students will also attend at least one off-campus theatre and or nedia production per semester. Students will also create and produce a portfolio appropriate for college and career tandards. <u>nstructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of <i>History Perfection Learning ISBN:</i> 9780789163325; Creative Communication Perfection Learning ISBN: 128N: 12	03251400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>3751 AB</b>
IONORS THEATRE II, THEATRE AND MEDIA COMMUNICATIONS II ABH tudents will bridge traditional stagecraft with current technology applications to create new media such as nimation, digital images, multimedia presentation, digital video, websites, and interactive performances. Student ork will culminate in a capstone project that investigates an issue relevant to the student and uses a digital stage to address a problem within the community or to effect a change. These projects (minimum of two) will afford tudents an opportunity to learn and practice creative research skills, develop a narrative, engage an audience, and onnect an online community to their projects. Students will also attend at least one off-campus theatre and or nedia production per semester. Students will also create and produce a portfolio appropriate for college and career tandards. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of <i>listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:</i> 7809310544002 rerequisites: Honors Theatre Art and Media Communications I AB <u>Vhat's Next?</u> N/A Not available at all campuses <b>ECHNICAL THEATRE I AB</b> tudies the technical side of theatre by providing instruction in a laboratory setting in makeup, costuming, stage ghting, sound production, set design/construction, house management, and other technical areas needed for play	03251400 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>3751 AB</b> 03250500 Grade level: 9 - 12

HONORS TECHNICAL THEATER I ABH	3752 ABH
Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and	03250500
construction, lighting and sound design, house management, and other technical areas needed for theatrical and	05250500
performing arts productions. This course examines careers in theatre and other performing arts, as well as	
emphasizes studies and practical application of the technical side of theatre. This course requires successful	
completion of at least one classroom/public performance, writing activity, or technical project per semester	
approved and monitored by the teacher.	
Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Grade level: 9 – 12
History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	Credit(s): 1
97809310544002	College Hour(s): NA
Prerequisites: N/A	Tier II
<u>What's Next?</u> Technical Theatre II AB	
DUAL CREDIT TECHNICAL THEATER I AB	3750 AB
	03250500
TCC Course: Stagecraft I (DRAM 1330)	
Study and application of the methods and components of theatrical production, which may	Grade level: 9 – 12
include one or more of the following: theater facilities, scenery construction and painting, properties, lighting,	ECHS Grade level: 9-12
costume, makeup, sound, and theatrical management.	Credit(s): 0.5
Instructional Material: NA	College Hour(s): 3
Prerequisites: Technical Theatre I and Technical Theatre II	Tier I
<u>What's Next?</u> N/A	
Course taught by an approved District or adjunct instructor.	
TECHNICAL THEATRE II AB	3754 AB
Provides advanced instruction in a laboratory and practical setting in makeup, costuming design, set design and	03250600
construction, lighting and sound design, house management, and other technical areas needed for theatrical and	
performing arts productions.	
The student can earn PE credit for Technical Theatre IIAB as a TEKS-based course that meets the requirement of 100	
minutes of moderate to vigorous physical activity per week if it is not being used to satisfy another graduation	
requirement. The teacher does not have to be certified in PE. See Health & Physical Education section for course #.	
Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Grade level: 10 – 12
History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	Credit(s): 1
97809310544002	College Hour(s): NA
	Tier III
Prerequisites: Technical Theatre I AB; taken in sequence	Tier III
<u>Prerequisites:</u> Technical Theatre I AB; taken in sequence <u>What's Next?</u> Technical Theatre III AB	-
<u>Prerequisites:</u> Technical Theatre I AB; taken in sequence <u>What's Next?</u> Technical Theatre III AB <b>HONORS TECHNICAL THEATER II ABH</b>	3753 ABH
<u>Prerequisites:</u> Technical Theatre I AB; taken in sequence <u>What's Next?</u> Technical Theatre III AB <b>HONORS TECHNICAL THEATER II ABH</b> Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and	-
<u>Prerequisites:</u> Technical Theatre I AB; taken in sequence <u>What's Next?</u> Technical Theatre III AB <b>HONORS TECHNICAL THEATER II ABH</b> Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and	3753 ABH
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions	<b>3753 ABH</b> 03250600
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances.	<b>3753 ABH</b> 03250600 Grade level: 10 – 12
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	<b>3753 ABH</b> 03250600 Grade level: 10 – 12 Credit(s): 1
Prerequisites: Technical Theatre I AB; taken in sequence <u>What's Next?</u> Technical Theatre III AB <b>HONORS TECHNICAL THEATER II ABH</b> Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	<b>3753 ABH</b> 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002	<b>3753 ABH</b> 03250600 Grade level: 10 – 12 Credit(s): 1
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Technical Theatre I AB; taken in sequence	<b>3753 ABH</b> 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB	<b>3753 ABH</b> 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b>
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions	<b>3753 ABH</b> 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b>
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre II AB DUAL CREDIT TECHNICAL THEATER II AB TCC Course: Stagecraft II (DRAM 2331)	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB DUAL CREDIT TECHNICAL THEATER II AB TCC Course: Stagecraft II (DRAM 2331) Continued study and application of the methods and components of theatrical production which may include one	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre II AB DUAL CREDIT TECHNICAL THEATER II AB TCC Course: Stagecraft II (DRAM 2331) Continued study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup,	<b>3753 ABH</b> 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>3767 AB</b> 03250600 Grade level: 9 – 12
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB DUAL CREDIT TECHNICAL THEATER II AB TCC Course: Stagecraft II (DRAM 2331) Continued study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. Topics will alternate with DRAM 1330.	<b>3753 ABH</b> 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>3767 AB</b> 03250600 Grade level: 9 – 12 ECHS Grade level: 9-12
Prerequisites: Technical Theatre I AB; taken in sequence What's Next2 Technical Theatre III AB Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre I I AB DUAL CREDIT TECHNICAL THEATER II AB TCC Course: Stagecraft II (DRAM 2331) Continued study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. Topics will alternate with DRAM 1330. Instructional Material: <i>NA</i>	<b>3753 ABH</b> 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>3767 AB</b> 03250600 Grade level: 9 – 12 ECHS Grade level: 9–12 Credit(s): 0.5
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB DUAL CREDIT TECHNICAL THEATER II AB TCC Course: Stagecraft II (DRAM 2331) Continued study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. Topics will alternate with DRAM 1330. Instructional Material: NA Prerequisites: Technical Theatre I and Technical Theatre II; and Dual Credit Technical Theatre I AB	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB 03250600 Grade level: 9 – 12 ECHS Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): 3
Pererequisites:       Technical Theatre I AB; taken in sequence         What's Next?       Technical Theatre III AB         Deffers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and berforming arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances.         Instructional Material:       Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 978078910544002         Perequisites:       Technical Theatre I AB; taken in sequence         Mhat's Next?       Technical Theatre I AB; taken in sequence         Mhat's Next?       Technical Theatre II AB         DUAL CREDIT TECHNICAL THEATER II AB       Technical Theatre III AB         DCC Course:       Stagecraft II (DRAM 2331)         Continued study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. Topics will alternate with DRAM 1330.         nstructional Material: NA       Pererequisites:         Pererequisites:       Technical Theatre I and Technical Theatre I; and Dual Credit Technic	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB 03250600 Grade level: 9 – 12 ECHS Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): 3 Tier II
Pererequisites:       Technical Theatre I AB; taken in sequence         Mhat's Next?       Technical Theatre III AB         Defers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances.         Instructional Material:       Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002         Pererequisites:       Technical Theatre I AB; taken in sequence Mhat's Next?         Technical Theatre III AB       Dual CREDIT TECHNICAL THEATER II AB         TCC Course:       Stagecraft II (DRAM 2331)         Continued study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. Topics will alternate with DRAM 1330.         nstructional Material:       NA         Perequisites:       Technical Theatre I and Technical Theatre II; and Dual Credit Technical Theatre I AB         Mat's Next?       N/A         Course taught by an approved District or adjunct instructor.         TECHNICAL THEATER III AB	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB 03250600 Grade level: 9 – 12 ECHS Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): 3 Tier II 3757 AB
Perequisites:       Technical Theatre I AB; taken in sequence         What's Next2       Technical Theatre III AB         HONORS TECHNICAL THEATER II ABH       Differs a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and berforming arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances.         nstructional Material:       Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB 03250600 Grade level: 9 – 12 ECHS Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): 3 Tier II
Perequisites: Technical Theatre I AB; taken in sequence  Mhat's Next? Technical Theatre III AB  OUTORS TECHNICAL THEATER II ABH  Differs a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances.  Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Perequisites: Technical Theatre I AB; taken in sequence Nhat's Next? Technical Theatre II AB  DUAL CREDIT TECHNICAL THEATER II AB  DUAL CREDIT TECHNICAL THEATER II AB  DCOLL CREDIT T	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB 03250600 Grade level: 9 – 12 ECHS Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): 3 Tier II 3757 AB
Pererequisites: Technical Theatre I AB; taken in sequence <u>Mhat's Next?</u> Technical Theatre III AB  Differs a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and beerforming arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. <u>Instructional Material;</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 27809310544002  Pererequisites: Technical Theatre I AB; taken in sequence <u>What's Next?</u> Technical Theatre I AB; taken in sequence <u>What's Next?</u> Technical Theatre II AB  DUAL CREDIT TECHNICAL THEATER II AB  TCC Course: Stagecraft II (DRAM 2331) Continued study and application of the methods and components of theatrical production which may include one for more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. Topics will alternate with DRAM 1330.  nstructional Material; NA  Pererequisites: Technical Theatre I and Technical Theatre II; and Dual Credit Technical Theatre I AB  What's Next? N/A  Course taugh by an approved District or adjunct instructor.  FECHNICAL THEATER III AB  Provides advanced instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions.	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB 03250600 Grade level: 9 – 12 ECHS Grade level: 9 – 12 ECHS Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): 3 Tier II 3757 AB 03251100
Pererequisites: Technical Theatre I AB; taken in sequence <u>What's Next?</u> Technical Theatre III AB Differs a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and beerforming arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. <u>Instructional Material</u> : Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Technical Theatre I AB; taken in sequence <u>What's Next?</u> Technical Theatre II AB DUAL CREDIT TECHNICAL THEATER II AB TCC Course: Stagecraft II (DRAM 2331) Continued study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. Topics will alternate with DRAM 1330. Instructional Material: NA Prerequisites: Technical Theatre I and Technical Theatre II; and Dual Credit Technical Theatre I AB What's Next? N/A Course taught by an approved District or adjunct instructor. TECHNICAL THEATER III AB Provides advanced instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Students and performing and performance Perfection Learning ISBN: 9781680644050; Stages of Students advanced instruction in a laboratory and practical setting in makeup, costuming design, set design and	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB 03250600 Grade level: 9 – 12 ECHS Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): 3 Tier II 3757 AB 03251100 Grade level: 11 – 12
Perequisites: Technical Theatre I AB; taken in sequence What's Next2 Technical Theatre III AB HONORS TECHNICAL THEATER II ABH Deffors a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Perequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre II AB DUAL CREDIT TECHNICAL THEATER II AB DUAL CREDIT TECHNICAL THEATER II AB DUAL CREDIT TECHNICAL THEATER II AB CC Course: Stagecraft II (DRAM 2331) Continued study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. Topics will alternate with DRAM 1330. Instructional Material: NA Prerequisites: Technical Theatre I and Technical Theatre II; and Dual Credit Technical Theatre I AB What's Next? N/A Course taught by an approved District or adjunct instructor. TECHNICAL THEATER III AB Provides advanced instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9781680644050;	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB 03250600 Grade level: 9 – 12 ECHS Grade level: 9–12 Credit(s): 0.5 College Hour(s): 3 Tier II 3757 AB 03251100 Grade level: 11 – 12 Credit(s): 1
Perequisites: Technical Theatre I AB; taken in sequence <u>Mhat's Next2</u> Technical Theatre III AB  HONORS TECHNICAL THEATER II ABH  Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances.  Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002  Perequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB  DUAL CREDIT TECHNICAL THEATER II AB  TCC Course: Stagecraft II (DRAM 2331)  Continued study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. Topics will alternate with DRAM 1330.  Instructional Material; NA  Perequisites: Technical Theatre I and Technical Theatre II; and Dual Credit Technical Theatre I AB  What's Next? N/A  Course taught by an approved District or adjunct instructor.  FECHNICAL THEATER III AB  Provides advanced instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions.  Instructional Material; Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB 03250600 Grade level: 9 – 12 ECHS Grade level: 9 – 12 ECHS Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): 3 Tier II 3757 AB 03251100 Grade level: 11 – 12 Credit(s): 1 College Hour(s): NA
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Technical Theatre II AB DUAL CREDIT TECHNICAL THEATER II AB TCC Course: Stagecraft II (DRAM 2331) Continued study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. Topics will alternate with DRAM 1330. Instructional Material: NA Prerequisites: Technical Theatre I and Technical Theatre II; and Dual Credit Technical Theatre I AB What's Next? N/A Course taught by an approved District or adjunct instructor. TECHNICAL THEATER III AB Provides advanced instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning testics Provides advanced instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house managem	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB 03250600 Grade level: 9 – 12 ECHS Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): 3 Tier II 3757 AB 03251100 Grade level: 11 – 12 Credit(s): 1
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material; Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites; Technical Theatre I AB; taken in sequence What's Next? Technical Theatre I AB; taken in sequence What's Next? Technical Theatre II AB DUAL CREDIT TECHNICAL THEATER II AB TCC Course: Stagecraft II (DRAM 2331) Continued study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. Topics will alternate with DRAM 1330. Instructional Material; NA Prerequisites; Technical Theatre I and Technical Theatre II; and Dual Credit Technical Theatre I AB What's Next? N/A Course taught by an approved District or adjunct instructor. TECHNICAL THEATRE III AB Provides advanced instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions. Instructional Material; Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites; Technical Theatre Level II A	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB 03250600 Grade level: 9 – 12 ECHS Grade level: 9 – 12 ECHS Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): 3 Tier II 3757 AB 03251100 Grade level: 11 – 12 Credit(s): 1 College Hour(s): NA Tier III
Prerequisites: Technical Theatre I AB; taken in sequence What's Next? Technical Theatre III AB Offers a more intensive instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions and their performances. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: Technical Theatre II AB DUAL CREDIT TECHNICAL THEATER II AB TCC Course: Stagecraft II (DRAM 2331) Continued study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. Topics will alternate with DRAM 1330. Instructional Material: NA Prerequisites: Technical Theatre I and Technical Theatre II; and Dual Credit Technical Theatre I AB What's Next? N/A Course taught by an approved District or adjunct instructor. TECHNICAL THEATER III AB Provides advanced instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning testics Provides advanced instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house managem	3753 ABH 03250600 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 3767 AB 03250600 Grade level: 9 – 12 ECHS Grade level: 9 – 12 ECHS Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): 3 Tier II 3757 AB 03251100 Grade level: 11 – 12 Credit(s): 1 College Hour(s): NA

productions. Students will be expected to participate in all behind-the-scenes action of productions and their	
performances.	Grade level: 11 - 12
Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Credit(s): 1
History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002	College Hour(s): NA <b>Tier II</b>
Prerequisites: Technical Theatre II AB	
<u>What's Next?</u> Technical Theatre IV AB	
FECHNICAL THEATRE IV AB	3759 AB
Provides advanced instruction in a laboratory and practical setting in makeup, costuming design, set design and construction, lighting and sound design, house management, and other technical areas needed for theatrical and performing arts productions. Students will be expected to participate in all behind-the-scenes action of productions.	03251200
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Grade level: 11 – 12
History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	Credit(s): 1
17809310544002	College Hour(s): NA
<u>rerequisites:</u> Technical Theatre III AB	Tier III
Vhaťs Next? N/A	
IONORS TECHNICAL THEATRE IV ABH	3760 ABH
dvanced instruction in makeup, costuming design, set design and construction, lighting and sound design, house	03251200
nanagement, and other technical areas needed for theatrical and performing arts productions. Students will be xpected to participate in all behind-the-scenes action of productions and their performances.	
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Grade level: 11 – 12
listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	Credit(s): 1
7809310544002	College Hour(s): NA
rerequisites: Technical Theatre III AB	Tier II
<u>/hat's Next?</u> N/A	
INE ARTS, LEVEL IV, VPA CAPSTONE AB	VPA1000 AB
he aim of this course is to provide opportunity for students to explore college preparation and professional	84500XXX
pplications of their VPA craft. Advanced credit with college and career readiness focused assignments and special	
rojects will be approved and monitored by the instructor. Students will document their four years of VPA work	
nrough the completion of their portfolio in the first semester. Students will receive opportunities to job shadow	
nd/or participate in unpaid practicums, networking, preparation of interview and audition requirements, and be	
ble to creatively advocate their art to peers and members of the arts community. Students will investigate careers	Grade level: 12
the arts, develop problem solving skills and apply their art to a service learning action project. Students will	Credit(s): Local Credit
ctively prepare their capstone project to be presented in the spring semester (recital, gallery exhibit, direction of lay, or project).	College Hour(s): NA
nstructional Material: N/A	
Prerequisites: Level I-III of a Fine Arts Content	
Vhaťs Next? N/A	
This is for local credit only and only available at I.M. Terrell Academy for STEM & VPA.	
THEATRE PRODUCTION I AB	3755 AB
ractical hands-on experience in acting and stagecraft through the preparation and public performance of plays.	
	03250700
structional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Grade level: 9 – 12
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	Grade level: 9 – 12 Credit(s): 0.5
<u>nstructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA
<u>istructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of istory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 r <u>erequisites:</u> Theatre Arts I AB and Teacher Recommendation	Grade level: 9 – 12 Credit(s): 0.5
<u>nstructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 <u>rerequisites:</u> Theatre Arts I AB and Teacher Recommendation <u>/hat's Next?</u> Theatre Production II AB	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b>
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Iistory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 rerequisites: Theatre Arts I AB and Teacher Recommendation <u>/hat's Next?</u> Theatre Production II AB <b>IONORS THEATRE PRODUCTION I ABH</b>	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b>
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 rerequisites: Theatre Arts I AB and Teacher Recommendation <u>Vhat's Next?</u> Theatre Production II AB <b>IONORS THEATRE PRODUCTION I ABH</b> ractical hands-on experience in acting and stagecraft through the preparation and public performance of plays.	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b>
Astructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Tistory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 rerequisites: Theatre Arts I AB and Teacher Recommendation <u>/hat's Next?</u> Theatre Production II AB <b>IONORS THEATRE PRODUCTION I ABH</b> ractical hands-on experience in acting and stagecraft through the preparation and public performance of plays. tudents are required to participate in all productions on their campus as either a performer or technician. Students	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b>
Astructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Tistory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 Tereequisites: Theatre Arts I AB and Teacher Recommendation <u>/hat's Next?</u> Theatre Production II AB <b>IONORS THEATRE PRODUCTION I ABH</b> Tractical hands-on experience in acting and stagecraft through the preparation and public performance of plays. tudents are required to participate in all productions on their campus as either a performer or technician. Students ill be required to read plays and/or see a determined number of local productions.	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b> 03250700
Astructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 rerequisites: Theatre Arts I AB and Teacher Recommendation <u>Ahat's Next?</u> Theatre Production II AB <b>IONORS THEATRE PRODUCTION I ABH</b> ractical hands-on experience in acting and stagecraft through the preparation and public performance of plays. tudents are required to participate in all productions on their campus as either a performer or technician. Students vill be required to read plays and/or see a determined number of local productions. <u>Instructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b> 03250700 Grade level: 9 – 12
Astructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Tistory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 rerequisites: Theatre Arts I AB and Teacher Recommendation <u>/hat's Next?</u> Theatre Production II AB <b>IONORS THEATRE PRODUCTION I ABH</b> ractical hands-on experience in acting and stagecraft through the preparation and public performance of plays. tudents are required to participate in all productions on their campus as either a performer or technician. Students till be required to read plays and/or see a determined number of local productions. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Tistory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781780789163325; Creative Communication Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 978078916	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b> 03250700 Grade level: 9 – 12 Credit(s): 0.5
Astructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 rerequisites: Theatre Arts I AB and Teacher Recommendation <u>Vhat's Next?</u> Theatre Production II AB <b>IONORS THEATRE PRODUCTION I ABH</b> ractical hands-on experience in acting and stagecraft through the preparation and public performance of plays. tudents are required to participate in all productions on their campus as either a performer or technician. Students <i>i</i> III be required to read plays and/or see a determined number of local productions. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of <i>listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 978078916</i>	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b> 03250700 Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA
Astructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 rerequisites: Theatre Arts I AB and Teacher Recommendation <u>Vhat's Next?</u> Theatre Production II AB <b>IONORS THEATRE PRODUCTION I ABH</b> ractical hands-on experience in acting and stagecraft through the preparation and public performance of plays. tudents are required to participate in all productions on their campus as either a performer or technician. Students <i>i</i> III be required to read plays and/or see a determined number of local productions. <u>nstructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of <i>listory Perfection Learning ISBN:</i> 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 rerequisites: Theatre Arts I AB and Teacher Recommendation	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b> 03250700 Grade level: 9 – 12 Credit(s): 0.5
Astructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 17809310544002 Perequisites: Theatre Arts I AB and Teacher Recommendation <u>Vhat's Next?</u> Theatre Production II AB <b>IONORS THEATRE PRODUCTION I ABH</b> Practical hands-on experience in acting and stagecraft through the preparation and public performance of plays. tudents are required to participate in all productions on their campus as either a performer or technician. Students vill be required to read plays and/or see a determined number of local productions. <u>Instructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of <i>History Perfection Learning ISBN:</i> 9780789163325; Creative Communication Perfection Learning ISBN: 17809310544002 <u>Pereequisites:</u> Theatre Arts I AB and Teacher Recommendation <u>Vhat's Next?</u> Theatre Production II AB	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b> 03250700 Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier II</b>
Astructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 17809310544002 Perequisites: Theatre Arts I AB and Teacher Recommendation <u>Vhat's Next?</u> Theatre Production II AB <b>IONORS THEATRE PRODUCTION I ABH</b> Practical hands-on experience in acting and stagecraft through the preparation and public performance of plays. tudents are required to participate in all productions on their campus as either a performer or technician. Students <i>vill</i> be required to read plays and/or see a determined number of local productions. <i>Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of <i>History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of</i> <i>History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of</i> <i>History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of</i> <i>History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97807891634002</i> Perequisites: Theatre Arts I AB and Teacher Recommendation <u>Vhat's Next?</u> Theatre Production II AB <b>THEATRE PRODUCTION II AB</b></i>	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b> 03250700 Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA
Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 17809310544002 Pererequisites: Theatre Arts I AB and Teacher Recommendation <u>What's Next?</u> Theatre Production II AB <b>HONORS THEATRE PRODUCTION I ABH</b> Practical hands-on experience in acting and stagecraft through the preparation and public performance of plays. Students are required to participate in all productions on their campus as either a performer or technician. Students will be required to read plays and/or see a determined number of local productions. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 17809310544002 Prerequisites: Theatre Arts I AB and Teacher Recommendation <u>What's Next?</u> Theatre Production II AB <b>THEATRE PRODUCTION II AB</b> Madvanced hands-on experience in acting and stagecraft through the preparation and public performance of plays.	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b> 03250700 Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier II</b> <b>3761 AB</b>
Astructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Iistory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 rerequisites: Theatre Arts I AB and Teacher Recommendation <u>Vhat's Next?</u> Theatre Production II AB <b>IONORS THEATRE PRODUCTION I ABH</b> ractical hands-on experience in acting and stagecraft through the preparation and public performance of plays. tudents are required to participate in all productions on their campus as either a performer or technician. Students <i>i</i> ll be required to read plays and/or see a determined number of local productions. <i>i</i> structional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of <i>listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:</i> 7809310544002 rerequisites: Theatre Arts I AB and Teacher Recommendation <u>Vhat's Next?</u> Theatre Production II AB <b>HEATRE PRODUCTION II AB</b> dvanced hands-on experience in acting and stagecraft through the preparation and public performance of plays. articipation in public performance is required (one per semester).	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b> 03250700 Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier II</b> <b>3761 AB</b>
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 7809310544002 rerequisites: Theatre Arts I AB and Teacher Recommendation What's Next? Theatre Production II AB <b>IONORS THEATRE PRODUCTION I ABH</b> ractical hands-on experience in acting and stagecraft through the preparation and public performance of plays. tudents are required to participate in all productions on their campus as either a performer or technician. Students <i>istructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of</i> <i>listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of</i> <i>listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of</i> <i>listory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:</i> <i>7809310544002</i> rerequisites: Theatre Arts I AB and Teacher Recommendation <i>Vhat's Next</i> ? Theatre Production II AB <b>THEATRE PRODUCTION II AB</b> dvanced hands-on experience in acting and stagecraft through the preparation and public performance of plays. articipation in public performance is required (one per semester). nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of <i>structional Material: Drama for Reading and Performance Perfection Learning ISBN:</i> 9781680644050; Stages of <i>structional Material: Drama for Reading and Performance Perfection Learning ISBN:</i> 9781680644050; Stages of <i>structional Material: Drama for Reading and Performance Perfection Learning ISBN:</i> 9781680644050; Stages of <i>structional Material: Drama for Reading and Performance Perfection Learning ISBN:</i> 9781680644050; Stages of	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b> 03250700 Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier II</b> <b>3761 AB</b> 03250800
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Pererequisites: Theatre Arts I AB and Teacher Recommendation What's Next? Theatre Production II AB <b>HONORS THEATRE PRODUCTION I ABH</b> Practical hands-on experience in acting and stagecraft through the preparation and public performance of plays. Students are required to participate in all productions on their campus as either a performer or technician. Students will be required to read plays and/or see a determined number of local productions. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Pereequisites: Theatre Arts I AB and Teacher Recommendation <u>What's Next?</u> Theatre Production II AB <b>THEATRE PRODUCTION II AB</b> Advanced hands-on experience in acting and stagecraft through the preparation and public performance of plays. Participation in public performance is required (one per semester). Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9781680644050; Stages of distory Perfection I public performance is required (one per semester). Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: Participation in public performance is required (one per semester).	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b> 03250700 Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier II</b> <b>3761 AB</b> 03250800 Grade level: 10 – 12
Participation in public performance is required (one per semester). Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Pererequisites: Theatre Arts I AB and Teacher Recommendation What's Next? Theatre Production II AB Practical hands-on experience in acting and stagecraft through the preparation and public performance of plays. Students are required to participate in all productions on their campus as either a performer or technician. Students vill be required to read plays and/or see a determined number of local productions. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Pereequisites: Theatre Arts I AB and Teacher Recommendation What's Next? Theatre Production II AB Praceusing is the are the termined number of local productions. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Pereequisites: Theatre Arts I AB and Teacher Recommendation What's Next? Theatre Production II AB Praceusites: Theatre Production	Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier III</b> <b>3756 ABH</b> 03250700 Grade level: 9 – 12 Credit(s): 0.5 College Hour(s): NA <b>Tier II</b> <b>3761 AB</b> 03250800 Grade level: 10 – 12 Credit(s): 0.5-1.0

	3762 ABH
Practical hands-on experience in acting and stagecraft through the preparation and public performance of plays.	03250800
Students are required to participate in all productions on their campus either as a performer or technician. Students	
will also attend at least one off-campus theatre and/or media production per semester. Students will also create and	
produce a portfolio appropriate for college and career standards.	Cuarda Javah 10 12
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	Grade level: 10 – 12 Credit(s): 0.5-1.0
13007 Perfection Learning ISBN: 9780789785323, Creative Communication Perfection Learning ISBN: 97809310544002	College Hour(s): NA
Prerequisites: Theatre Production I AB and Teacher Recommendation	Tier II
<u>What's Next?</u> Theatre Production III AB	
	3763 AB
Advanced hands-on experience in acting and stagecraft through the preparation and public performance of plays.	03250900
Participation in public performance is required (one per semester).	00200000
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Grade level: 11 – 12
History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	Credit(s): 0.5-1.0
97809310544002	College Hour(s): NA
Prerequisites: Theatre Production II AB and Teacher Recommendation	Tier III
<u>Nhat's Next?</u> Theatre Production IV AB	
HONORS THEATRE PRODUCTION III ABH	3764 ABH
lands-on experience in acting and stagecraft through the preparation and public performance of plays.	03250900
Students are required to participate in all productions on their campus either as a performer or technician. Students	
will also attend at least one off-campus theatre and/or media production per semester. Students will also create and	
produce a portfolio appropriate for college and career standards.	
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Grade level: 11 – 12
istory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	Credit(s): 0.5-1.0
07809310544002	College Hour(s): NA
Prerequisites: Theatre Productions II AB and Teacher Recommendation	Tier II
<u>What's Next?</u> Theatre Production IV AB	2765 45
ITHEATRE PRODUCTION IV AB	3765 AB
Advanced hands-on experience in acting and stagecraft through the preparation and public performance of plays.	03251000
Participation in public performance is required (one per semester). <u>nstructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	Grada loval: 11 12
nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	Grade level: 11 – 12 Credit(s): 0.5-1.0
History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002	College Hour(s): NA
	-
Prerequisites. Theatre Production III AB and Teacher Recommendation	Tior III
•	Tier III
<u>Vhaťs Next?</u> N/A	Tier III 3766 ABH
<u>What's Next?</u> N/A HONORS THEATRE PRODUCTION IV ABH	-
<u>What's Next?</u> N/A <b>IONORS THEATRE PRODUCTION IV ABH</b> Iands-on experience in acting and stagecraft through the preparation and public performance of plays.	3766 ABH
<u>What's Next?</u> N/A <b>HONORS THEATRE PRODUCTION IV ABH</b> Hands-on experience in acting and stagecraft through the preparation and public performance of plays. Students are required to participate in all productions on their campus either as a performer or technician. Students	3766 ABH
<u>What's Next?</u> N/A <b>IONORS THEATRE PRODUCTION IV ABH</b> Hands-on experience in acting and stagecraft through the preparation and public performance of plays. Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and	3766 ABH
What's Next?       N/A <b>IONORS THEATRE PRODUCTION IV ABH</b> Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material:       Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of	3766 ABH
Prerequisites: Theatre Production III AB and Teacher Recommendation <u>What's Next?</u> N/A HONORS THEATRE PRODUCTION IV ABH Hands-on experience in acting and stagecraft through the preparation and public performance of plays. Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards. <u>Instructional Material:</u> Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	<b>3766 ABH</b> 03251000
What's Next?       N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material:       Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	<b>3766 ABH</b> 03251000 Grade level: 11 – 12
What's Next?       N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material:       Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 17809310544002         Pereequisites:       Theatre Production III AB and Teacher Recommendation	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0
What's Next?       N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         itudents are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002         Pereequisites:       Theatre Production III AB and Teacher Recommendation         What's Next?       N/A	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA <b>Tier II</b>
What's Next?       N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and boroduce a portfolio appropriate for college and career standards.         Instructional Material:       Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 07809310544002         Prerequisites:       Theatre Production III AB and Teacher Recommendation         What's Next?       N/A         MUSICAL THEATRE I AB	3766 ABH 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA Tier II 1484 AB
What's Next?       N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         nstructional Material:       Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 978078916325; Creative Communication Perfection Learning ISBN: 978078916325; Creative Communication Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 978078916325; Creative Communication Perfecti	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA <b>Tier II</b>
What's Next? N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 978078916325; Creative Communication Perfection Learning ISBN: 9780789163054	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA <b>Tier II</b> <b>1484 AB</b> 03251900
What's Next? N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 07809310544002         Prerequisites: Theatre Production III AB and Teacher Recommendation         What's Next? N/A         MUSICAL THEATRE I AB         Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. The course will also provide an atmosphere in which tudents benefit from a teaching and learning experience in these performance disciplines of musical theatre.	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA <b>Tier II</b> <b>1484 AB</b> 03251900 Grade level: 9 – 12
What's Next? N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         itudents are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97807891634002         Prerequisites:       Theatre Production III AB and Teacher Recommendation         What's Next?       N/A         Musical Theatre will expose	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA <b>Tier II</b> <b>1484 AB</b> 03251900 Grade level: 9 – 12 Credit(s): 1
What's Next? N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         itudents are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 0780789163325; Creative Communication Perfection Learning ISBN: 07807891630644050; Stages of 07507891630644050; Stages of 07507891630644050; Stages of 07507891630644050; Stages of 075078916306440	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA <b>Tier II</b> <b>1484 AB</b> 03251900 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
What's Next? N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 07809310544002         Perequisites: Theatre Production III AB and Teacher Recommendation         What's Next? N/A         MUSICAL THEATRE I AB         Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. The course will also provide an atmosphere in which tudents benefit from a teaching and learning experience in these performance disciplines of musical theatre.         Participation in public performance is required (one per semester).         nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA <b>Tier II</b> <b>1484 AB</b> 03251900 Grade level: 9 – 12 Credit(s): 1
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What's Next?       N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material:       Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 0002         Pererequisites:       Theatre Production III AB and Teacher Recommendation         What's Next?       N/A         MUSICAL THEATRE I AB       Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. The course will also provide an atmosphere in which tudents benefit from a teaching and learning experience in these performance disciplines of musical theatre.         Participation in public performance is required (one per semester).         Instructional Material:       Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 0781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 07809310544002         Perfection Learning ISBN: 9780789163325; Creative Communication Perfection L	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA <b>Tier II</b> <b>1484 AB</b> 03251900 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
What's Next? N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002         Prerequisites: Theatre Production III AB and Teacher Recommendation         What's Next? N/A         MUSICAL THEATRE I AB         Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. The course will also provide an atmosphere in which tudents benefit from a teaching and learning experience in these performance disciplines of musical theatre.         Participation in public performance is required (one per semester).         nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfect	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA <b>Tier II</b> <b>1484 AB</b> 03251900 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
What's Next? N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002         Prerequisites: Theatre Production III AB and Teacher Recommendation         What's Next? N/A         MUSICAL THEATRE I AB         Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. The course will also provide an atmosphere in which tudents benefit from a teaching and learning experience in these performance disciplines of musical theatre.         Participation in public performance is required (one per semester).         nstructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learni	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA <b>Tier II</b> <b>1484 AB</b> 03251900 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
What's Next? N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97807809310544002         Prerequisites: Theatre Production III AB and Teacher Recommendation         What's Next? N/A         MUSICAL THEATRE I AB         Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. The course will also provide an atmosphere in which tudents benefit from a teaching and learning experience in these performance disciplines of musical theatre.         Participation in public performance is required (one per semester).         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Is performance is required (one per semester).         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA <b>Tier II</b> <b>1484 AB</b> 03251900 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
What's Next? N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 000000000000000000000000000000000000	<b>3766 ABH</b> 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA <b>Tier II</b> <b>1484 AB</b> 03251900 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b>
What's Next? N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002         Pererequisites: Theatre Production III AB and Teacher Recommendation         What's Next? N/A         MUSICAL THEATRE I AB         Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. The course will also provide an atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of musical theatre.         Participation in public performance is required (one per semester).         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9787680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9787680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfectio	3766 ABH 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA Tier II 1484 AB 03251900 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III ABB 1485 ABH
What's Next?       N/A         HONORS THEATRE PRODUCTION IV ABH         Hands-on experience in acting and stagecraft through the preparation and public performance of plays.         Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards.         nstructional Material:       Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of distory Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 978078916325; Creative Communication Perfection Learning ISBN: 978078916325; Creative Communication Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 978078916325; Creative Communication Perfecti	3766 ABH 03251000 Grade level: 11 – 12 Credit(s): 0.5-1.0 College Hour(s): NA Tier II 1484 AB 03251900 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III ABB 1485 ABH

Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites: 9th Grade Students: Must have one year of 8th grade choir, theatre, or dance and audition/instructor

College Hour(s): NA Tier II

Prerequisites: 9th Grade Students: Must have one year of 8th grade choir, theatre, or dance and audition/instructor approval.

10<sup>th</sup> - 12th Grade Students: Must have one year of high school choir, theatre, or dance; audition/instructor approval. What's Next? Musical Theatre II AB

performance, vocal performance, and dance performance. Participation in public performance is required (one per semester), The student can earn PE credit for Musical Theatre IIAB as a TEKS-based course that meets the requirement of 100 minutes of moderate to vigorous physical activity per week if it is not being used to satisfy another graduation requirement. The teacher does not have to be certified in PE. See Healt & Physical Education section for course #. Instructional Material; Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites; Musical Theatre I AB and audition Mhar's Net2Y Musical Theatre II AB HONORS MUSICAL THEATRE II ABH Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus either as a performer or technician. Students are required to participate in all productions on their campus either as a performer or technician. Students are required to participate for college and career standards. Continued development of on-stage performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97809310544002 Prerequisites; Musical Theatre II AB and audition Mhar's Net2Y Musical Theatre III AB MUSICAL THEATRE III AB Continued development to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance, Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 978078071630544050; Stages of History Perfection Learning ISBN: 97807807163054002 Prerequisites; Musical Theatre II AB and audition Mhar's Net2Y Musical Theatre II AB and audition Mhar's Net2Y Musical Theatre II AB and audition Mhar's Net2Y Music	
semester),       Intervention         The student can earn PE credit for Musical Theatre IIAB as a TEXS-based course that meets the requirement of 100       Intervention         The student can earn PE credit for Musical Theatre IIAB as a TEXS-based course that meets the requirement of 100       Intervention         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 978078054002       Stages of History Perfection Learning ISBN: 9780780740325; Creative Communication Perfection Learning ISBN: 978078074002         Prerequisites; Musical Theatre II AB and audition       What's Next? Musical Theatre III AB         HONORS MUSICAL THEATRE II ABH       Intervention         Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students will also create and produce a portfolio appropriate for college and career standards.       Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 978078074054002         Prerequisite; Nusical Theatre II AB and audition       What's Next? Musical Theatre II AB and audition         What's Next? Musical Theatre II AB and audition       Musical Theatre III AB         MUSICAL THEATRE II AB and audition       Musical Theatre III AB         MUSICAL THEATRE II AB and audition       Musical Theatre III AB         MUSICAL THEATRE III AB       Incommence disciplines, including acting, performance, vocal performance, Participation in public performance is required (one per semester).         Instructional Material: Dro	03252000
The student can earn PE credit for Musical Theatre IIAB as a TEXS-based course that meets the requirement of 100 continuities of moderate to vigorous physical activity per week if it is not being used to suisfy another graduation requirement. The teacher does not have to be certified in PE-see Health & Physical Education section for course #. Instructional Material; Drama for Reading and Performance Perfection Learning ISBN: 97807804050; Stages of History Perfection Learning ISBN: 97807804002 Prerequisites; Musical Theatre I AB and audition MMat's Next? Musical Theatre II AB H Addition MMat's Next? Musical Theatre II AB H Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and Cance performance. Students III AB H Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and Cance performance. Students are required to participate in all productions on their campus either as a performer or technician. Students will also create and produce a portfolio appropriate for college and career standards. Continued development for Ange Material; Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Contection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9780780402 Prerequisites; Musical Theatre II AB and audition Mhat's Next? Musical Theatre II AB and audition Minat's Next? Musical Theatre II AB and audition Minat's Next? Musical Theatre II AB and audition Perfection Learning ISBN: 9781680644050; Stages of Constructional Material; Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Constructional Material; Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Constructional Material; Drama for Reading and Performance Refection Learning ISBN: 9781680644050; Stages of Constructional Material; Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Constructional M	<b>.</b>
minutes of moderate to vigorous physical activity per week if it is not being used to satisfy another graduation requirement. The teacher does not have to be certified in PE. See Health & Physical Education section for course #. Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 97807807163325; Creative Communication Perfection Learning ISBN: 9780780716325; Creative Communication on their campus either as a performance, and dance performance. Students will also attend at least one off-campus theatre and/or media production per semester. Classificational Material; Drama for Reading and Performance Perfection Learning ISBN: 978078054050; Stages of History Perfection Learning ISBN: 9780780644050; Stages of Mistory Perfection Learning	Grade level: 10 – 12
requirement. The teacher does not have to be certified in PE. See Health & Physical Education section for course #. [1] Instructional Material; Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97803310544002 Perereguistes; Musical Theatre II AB and audition What's Next? Musical Theatre II ABH Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus either as a performer or technician. Students will also attend at least one off-campus theatre and/or media production per semester. Constructional Material; Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 978078040620 Pereguistes; Musi	Credit(s): 1
Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97803910544002 Pereguisites; Musical Theatre II AB and audition What's Next? Ausical Theatre II AB H HONORS MUSICAL THEATRE II ABH Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also attend at least one off-campus theatre and/or media production per semester. Students will also create and produce a portfolio appropriate for college and career standards. Torninued development to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Participation in public performance is required (one per semester). Instructional Material. Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Centinued development to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Participation in public performance is required (one per semester). Instructional Material. Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of Centinued development to a wide range of creative Communication Perfection Learning ISBN: 9781680644050; Stages of Centibory Perfection Learning ISBN: 9781680644050; Stages of	College Hour(s): NA
History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:       97803310544002         Prerequisites; Musical Theatre II AB and audition       11         What's Next? Musical Theatre III ABH       11         Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus either as a performer or technician. Students will also create and produce a portfolio appropriate for college and career standards.       11         Instructional Material, Droma for Reading and Performance Perfection Learning ISBN: 97816806644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97816806644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97816806644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97816806644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97816806644050; Stages of History Perfection Learning ISBN: 97816806644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97816806644050; Stages of Continued development of on-stage performance disciplines, including acting, performance, vocal performance, sudata te least one off-campus theatre and/or media production per semeste	Tier III
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What's Next?       Musical Theatre IV AB       1         MUSICAL THEATRE IV AB       1         Continued development to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Participation in public performance is required (one per semester).       0         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of       0         History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:       0         97809310544002       0         Prerequisites: Musical Theatre III AB and audition       1         HONORS MUSICAL THEATRE IV ABH       1         Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus as either a performance or       0	
MUSICAL THEATRE IV AB       1         Continued development to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Participation in public performance is required (one per semester).       0         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of       0         History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:       9780789105325; Creative Communication Perfection Learning ISBN:         97809310544002       0         Prerequisites: Musical Theatre III AB and audition       1         HONORS MUSICAL THEATRE IV ABH       1         Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus as either a performance or       0	
Continued development to a wide range of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Participation in public performance is required (one per semester).       Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN: 97807891634002         Prerequisites: Musical Theatre III AB and audition       1         HONORS MUSICAL THEATRE IV ABH       1         Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus as either a performer or	
performance, and dance performance. Participation in public performance is required (one per semester).         Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of         History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:         97809310544002         Prerequisites: Musical Theatre III AB and audition         HONORS MUSICAL THEATRE IV ABH         Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus as either a performer or	1476 AB
Instructional Material: Drama for Reading and Performance Perfection Learning ISBN: 9781680644050; Stages of       O         History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:       O         97809310544002       O         Prerequisites: Musical Theatre III AB and audition       I         HONORS MUSICAL THEATRE IV ABH       I         Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus as either a performer or       O	03252200
History Perfection Learning ISBN: 9780789163325; Creative Communication Perfection Learning ISBN:       0         97809310544002       0         Prerequisites: Musical Theatre III AB and audition       1         HONORS MUSICAL THEATRE IV ABH       1         Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus as either a performer or       0	
97809310544002 Prerequisites: Musical Theatre III AB and audition HONORS MUSICAL THEATRE IV ABH Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus as either a performer or	Grade level: 11 – 12
Prerequisites:       Musical Theatre III AB and audition       T         HONORS MUSICAL THEATRE IV ABH       1         Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus as either a performer or       0	Credit(s): 1
HONORS MUSICAL THEATRE IV ABH         1           Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus as either a performer or         0	College Hour(s): NA
Continued development of on-stage performance disciplines, including acting, performance, vocal performance, and dance performance. Students are required to participate in all productions on their campus as either a performer or	Tier III
dance performance. Students are required to participate in all productions on their campus as either a performer or	1488 ABH
	03252200
technician. Students will also attend at least one off compute theatre and/or modia production per competer	
	Grade level: 11 – 12
	Credit(s): 1
· · · ·	College Hour(s): NA Tier II

Prerequisites: Musical Theatre III AB and audition

# WORLD LANGUAGES

# WORLD LANGUAGES GRADUATION REQUIREMENTS

# ALL STUDENTS ARE REQUIRED to take 2 Credits of the SAME Language

If a student, in completing the first credit of LOTE, demonstrates that the student is unlikely to be able to complete the second credit, the student may substitute another appropriate course as follows:

- Special Topics in Language and Culture
- Another credit from a different language
- Computer programming languages

FOUNDATION PLANS

The determination regarding a student's ability to complete the second credit of LOTE must be agreed on by:

- The teacher of the first LOTE course, the principal or designee, and the student's parent
- The ARD or 504 committee, if applicable

A student, who due to a disability, is unable to complete 2 credits in the same LOTE, may substitute a combination of 2 credits from ELA, math, science or soical studies or 2 credits in CTE or Technology Applications for the LOTE requirement. (Cannot combine a credit from the ELA, math, science, and social studies areas with a credit from the CTE / technology applications area.) The determination regarding the student's ability to complete the LOTE requirement will be made by the ARD or 504 committee, as applicable.

## Students now have the oppportunity to:

- Earn a performance acknowledgement in bilingualism and biliteracy. Students must demonstrate proficiency in two or more languages through completion of a <u>minimum of 3 credits</u> in the same language other than English with a minimum GPA of the equivalent of 80 on a scale of 100;
- Meet the admissions requirements of many state, national, public, and private universities which include a <u>minimum of</u> <u>3 years</u> of study of a language other than English.

All students, therefore, are strongly encouraged to study <u>a minimum of 3 years</u> of a LOTE.

# **Possible Endorsement Opportunities:**

- Arts & Humanities
- For specific Endorsement Requirements, see the FOUNDATION PROGRAM section of Bulletin 100.

A student who successfully completes a dual language immersion/two-way or dual language immersion/one-way program at an elementary school may satisfy one credit of the two credits required in a language other than English.

# To successfully complete a dual language immersion program, a student must:

- 1. Have participated in a dual language immersion program for at least five consecutive school years;
- 2. Achieve high levels of academic competence, as demonstrated by performance of meets or masters grade level on the STAAR in English or Spanish, as applicable; and
- 3. Achieve proficiency in both English and a language other than English as demonstrated by scores of proficient or higher in reading and speaking domains on language proficiency achievement tests in both languages.

The second credit of a language other than English must be in the same language as the successfully completed dual language immersion program. TEC §28.0051 and TAC §74.12(b)(5)(F)

World Languages Frequently Asked Questions (FAQs)

# LOTE (Languages Other Than English)

# 1. Can a student combine different levels from different languages to meet the LOTE requirement to graduate on the foundation high school program? \*

Two levels of the *same* language are required for graduation on the Foundation High School Program (unless an appropriate course substitution has been approved). Students may also meet the LOTE requirement by earning two credits in computer programming languages selected from Computer Science I, II, and III, AP Computer Science A, AP Computer Science Principles, IB Computer Science Standard Level, and IB Computer Science Higher Level.

# 2. What options do we have for a junior/senior who has recently enrolled in our district and does not have any credits for LOTE or has taken a language that our district does not offer?\*

Juniors/Seniors who have language experience in a language our district does not offer may take a credit-by-exam or national language proficiency test approved by the district (see Director of World Languages). Although there is no exemption for world language credit, FWISD offers the option of enrolling in a district-approved web-based program as well as summer school.

# 3. Can a student be enrolled in two different levels of the same language at the same time?

Any LOTE course that requires a prerequisite course as listed in Bulletin 100 must be taken in sequence. For example, a student may not be enrolled in a Level I and Level II LOTE course at the same time.

# 4. What options does a student have if they fail a LOTE course?

A student who fails a LOTE course can recover the credit by re-taking the course, enrolling in a district-approved web-based program, taking a credit-by-exam, or through summer school.

# 5. A student failed Level 1A of a language, but passed Level 1B. Do they have to re-take 1A before they can be enrolled in 2A?

Students who failed Level 1A but who passed Level 1B with an 80 or above may be enrolled in Level 2A.

# 6. What is the process for the Spanish placement test?

A counselor or language teacher may refer a student to the World Language Department Chair on campus for placement testing. The district placement test team member will conduct the placement test, score it, and share results with the Director of World Languages and the placement test team. The department chair or placement test team member is responsible for providing the counselor with the documentation for the recommended course in a timely manner.

\*These LOTE FAQs and more can be found on TEA's site at: https://tea.texas.gov/academics/subject-areas/languages-other-than-english

# World Languages

SPECIAL TOPICS IN LANGUAGE AND CULTURE AB	4065 AB
Students gain an understanding of two basic aspects of human existence: the nature of communication and the complexity of culture. Students become aware of multiple perspectives and means of expression, which lead to an appreciation of difference and diversity.	11410000
appreciation of difference and diversity. This course cannot be considered a part of the coherent sequence of languages other than English (LOTE) courses	
required for any endorsement. This course will not count as a level II LOTE course. Students who desire to continue	Grade level: 9 – 12
with LOTE study will need to take level II or higher LOTE courses. This course may be substituted for a level II LOTE	Credit(s): 1
course upon approval by the student's level I LOTE classroom teacher, the principal or designee, and the student's	College Hour(s): NA
parent who determine that the student is not likely to be successful in a level II LOTE course.	Tier III
Instructional Material: Contact Content Director	
Prerequisites: Any Level I LOTE Course	
AMERICAN SIGN LANGUAGE I AB	4402 AB
Introduces communication skills in American Sign Language, including both receptive and expressive signing, as well	03980100
as interactive communication. Explores History of the language and the culture of deaf people.	Grade level: 9 - 12
Instructional Material: Signing Naturally Level I - Dawn Sign Press Media, Units 1-6 ISBN: 9781581212105 & Units 7-	Credit(s): 1
12 ISBN: 9781581212211	College Hour(s): NA
Prerequisites: Taken in sequence	Tier III
<u>What's Next?</u> American Sign Language II AB	-
DUAL CREDIT AMERICAN SIGN LANGUAGE I AB	4414 AB
TCC Course: American Sign Language (SGNL 1401)	
An introduction to the basic skills in production and comprehension of American Sign Language (ASL). Includes the	03980100
manual Alphabet and numbers. Develops conversational abilities, culturally appropriate behaviors, and exposes	Grade level: HS: 11-12
students to ASL grammar.	ECHS: 9-12
Instructional Material: NA	Credit(s): 1
Prerequisites: Taken in sequence	College Hour(s): 4 hours
What's Next?         SGNL 1402         Course taught by an approved adjunct instructor.	Tier I
AMERICAN SIGN LANGUAGE II AB	4404 AB
The communication skills acquired in Level I are extended to include distinguishing between variations in signs and	03980200
non-manual communication. More in-depth study of deaf culture will be explored. Students will be provided	
opportunities to express and receive signed information in a variety of situations.	Grade level: 9 – 12
Instructional Material: Signing Naturally Level II. Dawn Sign Press Media, ISBN: 9781581211313	Credit(s): 1
Prerequisites: American Sign Language I; taken in sequence	College Hour(s): NA
What's Next? American Sign Language III AB or Honors American Sign Language III AB	Tier III
HONORS AMERICAN SIGN LANGUAGE II AB	4405 AB
The honors course is designed for ninth grade students who have completed two years of languages in middle	03980200
school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned	
during their first language course. Students will be expected to participate in daily aural and written activities and	Grade level: 9 – 12
conduct classroom conversations to create an immersion-type experience. Students in this course are required to	Credit(s): 1
complete an approved Global Citizen project at the end of the year.	College Hour(s): NA
Instructional Material: Signing Naturally Level II. Dawn Sign Press Media, ISBN: 9781581211313	Tier II
Prerequisites: American Sign Language I; taken in sequence	
What's Next? American Sign Language III AB or Honors American Sign Language III AB	4446.40
DUAL CREDIT AMERICAN SIGN LANGUAGE II AB	4416 AB
TCC Course: American Sign Language (SGNL 1402)	02000200
Develops receptive and expressive ability and allows recognition and demonstration of more sophisticated	03980200
grammatical features of American Sign Language (ASL). Increases fluency and accuracy in finger spelling and	Grade level: HS: 11-12
numbers. Encourages opportunities for interaction with the deaf community. Taken with SLNG 1215.	ECHS: 9-12
Instructional Material: NA	Credit(s): 1
FWISD Prerequisites: SGNL1401	College Hour(s): 4 hours
What's Next?         SGNL 2301         Course taught by an approved adjunct instructor.           DUAL CREDIT CONVERSATIONAL SIGN LANGUAGE IN THE WORKPLACE AB	Tier I 4422 AB
DUAL CREDIT CONVERSATIONAL SIGN LANGUAGE IN THE WORKPLACE AB	4422 AD
TCC Courses Conservational Constant in the Michael Street (CINIC 4202)	04600333
TCC Course: Conversational Sign Language in the Workplace (SLNG 1202)	84600XXX
Development of basic conversational skills through practice designed to improve communication with clients/co-	
Development of basic conversational skills through practice designed to improve communication with clients/co- workers who are deaf.	Grade level: HS: 11-12
Development of basic conversational skills through practice designed to improve communication with clients/co- workers who are deaf. Instructional Material: Per TCC	Grade level: HS: 11-12 ECHS: 9-12
Development of basic conversational skills through practice designed to improve communication with clients/co- workers who are deaf.	Grade level: HS: 11-12

HONORS AMERICAN SIGN LANGUAGE III AB	4408 AB
Focuses on increasing manual and non-manual communication, while extending the study of both receptive and expressive signing. Emphasizes the acquisition of skills of creative self-expression in both sign and non-manual	03980300
communication, and understanding of deaf culture. Includes direction of regional variations in signs and idioms	Grade level: 9 – 12
used in given conversation. Additional independent research and service projects are required of Honors class	
	Credit(s): 1
students. <u>nstructional Material:</u> Signing Naturally Level III. Dawn Sign Press Media, ISBN: 9781581211351	College Hour(s): NA Tier II
Prerequisites: American Sign Language II; taken in sequence, student interest	Ther II
<u>What's Next?</u> Honors American Sign Language IV AB	0000 T
DUAL CREDIT VISUAL & GESTURAL COMMUNICATION T	9003 T
TCC Course: American Sign Language (SLGN 1215)	
Development of skills in non-verbal communication. Emphasizes the use and understanding of facial expression,	84600XXX
gestures, pantomime, and body language.	Grade level: HS: 11-12
nstructional Material: NA	ECHS: 9-12
FWISD Prerequisites: SGNL 1402	Credit(s): 1
<u>What's Next?</u> SGNL 2301	College Hour(s): 4 hours
Course taught by an approved adjunct instructor.	Tier I
Offered only at WLI	
DUAL CREDIT DEAF CULTURE AB	4424 AB
TCC Course: Deaf Culture (SLNG 1347)	0.46003000
Historical and contemporary perspective of American Deaf culture using a sociocultural model. Includes cultural	84600XXX
dentity and awareness, values, group norms, communication, language, and significant contributions made by deaf	Grade level: HS: 11-12
people to the world.	ECHS: 9-12
nstructional Material: Per TCC	Credit(s): 0.5
FWISD Prerequisites: SGNL 2301 & SLNG 1215	College Hour(s): 3 hours
<u>What's Next?</u> NA	Tier I
Offered only at WLI	
DUAL CREDIT AMERICAN SIGN LANGUAGE III AB	4418 AB
TCC Course: American Sign Language (SGNL 2301)	
The first semester covers Visual and Gestural Communication. Integrates and refines expressive and receptive skills	03980300
n American Sign Language (ASL), including recognition of sociolinguistic variation. A practiced oriented approach to	Grade level: HS: 11-12
anguage acquisition.	ECHS: 9-12
nstructional Material: NA	WLI: 10-12
EWISD Prerequisites: SGNL 1402 & SLNG 1215	Credit(s): 0.5
<u>What's Next?</u> NA	College Hour(s): 4 hours
Course taught by an approved adjunct instructor.	Tier I
HONORS AMERICAN SIGN LANGUAGE IV AB	4412 AB
The focus is on manual and non-manual communication, while extending the study of both receptive and expressive	03980400
signing. Other skills emphasized include creative self-expression in both signs and non-manual communication, and	
understanding of deaf culture. Encourages participation in connected discourse in straightforward situations, as well	Grade level: 9 – 12
as fostering cultural and linguistic accuracy in communication. Additional independent research and service projects	Credit(s): 1
are required of Honors class students.	College Hour(s): NA
Instructional Material: Signing Naturally Level III. Dawn Sign Press Media, ISBN: 9781581211351	Tier II
Prerequisites: Honors American Sign Language III, student interest	
What's Next? NA         Course taught by locally certified gifted teacher.	4420.45
DUAL CREDIT AMERICAN SIGN LANGUAGE IV AB	4420 AB
TCC Course: American Sign Language (SGNL 2302)	00000155
ntegration of expressive and receptive skills in American Sign Language (ASL) with emphasis on grammar,	03980400
inguistics, literature, and discourse styles at an intermediate level. Provides students with information linguistic and	Grade level: HS: 11-12
cultural variations.	ECHS: 9-12
Instructional Material: NA	Credit(s): 0.5
FWISD Prerequisites: SGNL 2301	College Hour(s): 4 hours
Course taught by an approved adjunct instructor.	Tier I
DUAL CREDIT OTHER FOREIGN LANGUAGES LEVEL 1 AB	4351 AB
TCC Course: Beginning American Sign Language (SGNL 1401)	
	03993200
Students become aware of multiple perspectives and means of expression, which lead to an appreciation of	
Students become aware of multiple perspectives and means of expression, which lead to an appreciation of difference and diversity. Further benefits of foreign language study include stronger cognitive development,	
Students become aware of multiple perspectives and means of expression, which lead to an appreciation of difference and diversity. Further benefits of foreign language study include stronger cognitive development, ncreased creativity, and divergent thinking. Students who effectively communicate in more than one language, with	Grade level: 9 - 12
Students become aware of multiple perspectives and means of expression, which lead to an appreciation of difference and diversity. Further benefits of foreign language study include stronger cognitive development, ncreased creativity, and divergent thinking. Students who effectively communicate in more than one language, with an appropriate understanding of cultural context, are globally literate and possess the attributes of successful	Grade level: 9 - 12 Credit(s): 1
Students become aware of multiple perspectives and means of expression, which lead to an appreciation of difference and diversity. Further benefits of foreign language study include stronger cognitive development, ncreased creativity, and divergent thinking. Students who effectively communicate in more than one language, with	

<u>Instructional Material:</u> *IBL* <u>TCC Prerequisites:</u> None <u>What's Next?</u> SGNL 1402

Course taught by an approved adjunct instructor.

DUAL CREDIT OTHER FOREIGN LANGUAGES LEVEL 2 AB FCC Course: Beginning American Sign Language (SGNL 1402)	4353 AB
Students become aware of multiple perspectives and means of expression, which lead to an appreciation of difference and diversity. Further benefits of foreign language study include stronger cognitive development,	03993300
ncreased creativity, and divergent thinking. Students who effectively communicate in more than one language, with	Grade level: 9 - 12
an appropriate understanding of cultural context, are globally literate and possess the attributes of successful	Credit(s): 1
participants in the world community. At the high school level, students shall be awarded one credit for successful	College Hour(s): 4 hours
completion of this course.	Tier I
nstructional Material: TBD	
I <u>CC Prerequisites:</u> SGNL1401	
<u>What's Next?</u> SGNL 2301	
Course taught by an approved adjunct instructor.	
DUAL CREDIT OTHER FOREIGN LANGUAGES LEVEL 3 AB	4355 AB
TCC Course: Intermediate American Sign Language I (SGNL 2301)	02002400
Students become aware of multiple perspectives and means of expression, which lead to an appreciation of	03993400
difference and diversity. Further benefits of foreign language study include stronger cognitive development,	
ncreased creativity, and divergent thinking. Students who effectively communicate in more than one language, with	Grade level: 9 - 12
an appropriate understanding of cultural context, are globally literate and possess the attributes of successful	Credit(s): 1
participants in the world community. At the high school level, students shall be awarded one credit for successful completion of this course.	College Hours(s): 3 hour
nstructional Material: TBD	Tier I
<u>FCC Prerequisites:</u> SGNL 1401 and SGNL 1402	
What's Next? NA	
Course taught by an approved adjunct instructor.	
CHINESE I AB	4356 AB
Offers everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers	03490100
practice in using learned material to carry on very simple conversations and to read and write familiar material.	
osters awareness in Mandarin Chinese culture and of the importance of accuracy expression. This course may also	Grade level: 9 – 12
pe broadcasted by the FWISD; students in all high schools have the opportunity to participate.	Credit(s): 1
nstructional Material: 1614- Zhēn Bàng! Level I, EMC Publishing ISBN: 9781533815200	College Hour(s): NA
Prerequisites: Taken in sequence	Tier III
<u>What's Next?</u> Chinese II AB	(0.50.4.5
CHINESE II AB	4358 AB
Expands oral and written skills into more challenging constructions, increased proficiency with the Chinese character	03490200
system, increased reading comprehension and a variety of cultural experiences in the Chinese speaking world. Offers	
practice in Pinyan (Chinese pronunciation code), understanding and producing sentence-length utterances, and prief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and	Grade level: 9 – 12
anguage components in communication.	Credit(s): 1
nstructional Material: 1615- Zhēn Bàng! Level II, EMC Publishing ISBN: 9781533815217	College Hour(s): NA
instructional Material. 1015 Zhen Bung: Levern, Ener abushing 15bh. 5701555015217	5
Prerequisites: Chinese I: taken in sequence	Tier III
<u>Prerequisites:</u> Chinese I; taken in sequence What's Next? Honors Chinese III AB	Tier III
<u>What's Next?</u> Honors Chinese III AB	
What's Next? Honors Chinese III AB HONORS CHINESE II AB	Tier III 4359 AB 03490200
<u>What's Next?</u> Honors Chinese III AB	4359 AB
<u>What's Next?</u> Honors Chinese III AB HONORS CHINESE II AB The honors course is designed for ninth grade students who have completed two years of languages in middle	4359 AB
<u>What's Next?</u> Honors Chinese III AB HONORS CHINESE II AB The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned	<b>4359 AB</b> 03490200
<u>What's Next?</u> Honors Chinese III AB HONORS CHINESE II AB The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. Students in this course are required to complete an approved Global Citizen project at the end of the year.	<b>4359 AB</b> 03490200 Grade level: 9 – 12
What's Next? Honors Chinese III AB         HONORS CHINESE II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material:       1615- Zhēn Bàng! Level II, EMC Publishing ISBN: 9781533815217	<b>4359 AB</b> 03490200 Grade level: 9 – 12 Credit(s): 1
What's Next? Honors Chinese III AB         HONORS CHINESE II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material:       1615- Zhēn Bàng! Level II, EMC Publishing ISBN: 9781533815217         Pererequisites:       Chinese I; taken in sequence	<b>4359 AB</b> 03490200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
What's Next? Honors Chinese III AB         HONORS CHINESE II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material:       1615- Zhēn Bàng! Level II, EMC Publishing ISBN: 9781533815217         Prerequisites:       Chinese I; taken in sequence         What's Next?       Honors Chinese III AB	<b>4359 AB</b> 03490200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
What's Next? Honors Chinese III AB         HONORS CHINESE II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material: 1615- Zhēn Bàng! Level II, EMC Publishing ISBN: 9781533815217         Prerequisites: Chinese I; taken in sequence         What's Next? Honors Chinese III AB         Course taught by locally certified gifted teacher or AP trained teacher	<b>4359 AB</b> 03490200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b>
What's Next? Honors Chinese III AB         HONORS CHINESE II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material: 1615- Zhēn Bàng! Level II, EMC Publishing ISBN: 9781533815217         Prerequisites: Chinese I; taken in sequence         What's Next? Honors Chinese III AB         Course taught by locally certified gifted teacher or AP trained teacher         HONORS CHINESE III AB	<b>4359 AB</b> 03490200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>4362 AB</b>
What's Next? Honors Chinese III AB         HONORS CHINESE II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material:       1615- Zhēn Bàng! Level II, EMC Publishing ISBN: 9781533815217         Prerequisites:       Chinese I; taken in sequence         What's Next? Honors Chinese III AB       Course taught by locally certified gifted teacher or AP trained teacher         HONORS CHINESE III AB       Emphasizes creative self-expression in spoken language. Expands aural comprehension to improve guessing from	<b>4359 AB</b> 03490200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b>
What's Next? Honors Chinese III AB         HONORS CHINESE II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material:       1615- Zhēn Bàng! Level II, EMC Publishing ISBN: 9781533815217         Prerequisites:       Chinese I; taken in sequence         What's Next? Honors Chinese III AB       Course taught by locally certified gifted teacher or AP trained teacher         HONORS CHINESE III AB       Emphasizes creative self-expression in spoken language. Expands aural comprehension to improve guessing from context. Includes short passages from both adapted and authentic literature, in the reading practice and some	<b>4359 AB</b> 03490200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>4362 AB</b> 03490300
What's Next? Honors Chinese III AB         HONORS CHINESE II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material:       1615- Zhēn Bàng! Level II, EMC Publishing ISBN: 9781533815217         Pereequisites:       Chinese I; taken in sequence         What's Next?       Honors Chinese III AB         Course taught by locally certified gifted teacher or AP trained teacher         HONORS CHINESE III AB         Emphasizes creative self-expression in spoken language. Expands aural comprehension to improve guessing from context. Includes short passages from both adapted and authentic literature, in the reading practice and some creative writing. Promotes increased knowledge of the Chinese culture and components of the language.	<b>4359 AB</b> 03490200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>4362 AB</b> 03490300 Grade level: 9 - 12
What's Next? Honors Chinese III AB         HONORS CHINESE II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material:       1615- Zhēn Bàng! Level II, EMC Publishing ISBN: 9781533815217         Pereequisites: Chinese I; taken in sequence         What's Next? Honors Chinese III AB         Course taught by locally certified gifted teacher or AP trained teacher         HONORS CHINESE III AB         Emphasizes creative self-expression in spoken language. Expands aural comprehension to improve guessing from context. Includes short passages from both adapted and authentic literature, in the reading practice and some creative writing. Promotes increased knowledge of the Chinese culture and components of the language.         nstructional Material:       1616- Zhēn Bàng! Level III, EMC Publishing, ISBN 9781533815224	<b>4359 AB</b> 03490200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>4362 AB</b> 03490300 Grade level: 9 - 12 Credit(s): 1
What's Next? Honors Chinese III AB         HONORS CHINESE II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material; 1615- Zhēn Bàng! Level II, EMC Publishing ISBN: 9781533815217         Pereequisites: Chinese I; taken in sequence         What's Next? Honors Chinese III AB         Course taught by locally certified gifted teacher or AP trained teacher         HONORS CHINESE III AB         Emphasizes creative self-expression in spoken language. Expands aural comprehension to improve guessing from         context. Includes short passages from both adapted and authentic literature, in the reading practice and some         creative writing. Promotes increased knowledge of the Chinese culture and components of the language.         nstructional Material; 1616- Zhēn Bàng! Level III, EMC Publishing, ISBN 9781533815224         Pereequisites: Chinese II, taken in sequence	4359 AB         03490200         Grade level: 9 – 12         Credit(s): 1         College Hour(s): NA         Tier II         4362 AB         03490300         Grade level: 9 - 12         Credit(s): 1         College Hour(s): NA
What's Next? Honors Chinese III AB         HONORS CHINESE II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material: 1615- Zhēn Bàng! Level II, EMC Publishing ISBN: 9781533815217         Pereequisites: Chinese I; taken in sequence         Mhat's Next? Honors Chinese III AB         Course taught by locally certified gifted teacher or AP trained teacher         HONORS CHINESE III AB         Emphasizes creative self-expression in spoken language. Expands aural comprehension to improve guessing from         context. Includes short passages from both adapted and authentic literature, in the reading practice and some         creative writing. Promotes increased knowledge of the Chinese culture and components of the language.         nstructional Material: 1616- Zhēn Bàng! Level III, EMC Publishing, ISBN 9781533815224         Pereequisites: Chinese II, taken in sequence         Mhat's Next? AP Chinese Language and culture AB or Honors Chinese IV AB	<b>4359 AB</b> 03490200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>4362 AB</b> 03490300 Grade level: 9 - 12 Credit(s): 1
What's Next? Honors Chinese III AB         HONORS CHINESE I AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material:       1615- Zhén Bàng! Level II, EMC Publishing ISBN: 9781533815217         Pereequisites:       Chinese III AB         Course taught by locally certified gifted teacher or AP trained teacher         HONORS CHINESE III AB         Emphasizes creative self-expression in spoken language. Expands aural comprehension to improve guessing from         context. Includes short passages from both adapted and authentic literature, in the reading practice and some         creative writing. Promotes increased knowledge of the Chinese culture and components of the language.         nstructional Material:       1616- Zhén Bàng! Level III, EMC Publishing, ISBN 9781533815224         Pererequisites:       Chinese III agu agu and culture AB or Honors Chinese IV AB         Course taught by locally certified gifted teacher or AP trained teacher	4359 AB         03490200         Grade level: 9 – 12         Credit(s): 1         College Hour(s): NA         Tier II         4362 AB         03490300         Grade level: 9 - 12         Credit(s): 1         College Hour(s): NA
What's Next? Honors Chinese III AB         HONORS CHINESE I AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material: 1615- Zhen Bàng! Level II, EMC Publishing ISBN: 9781533815217         Pereequisites: Chinese I; taken in sequence         What's Next? Honors Chinese III AB         Course taught by locally certified gifted teacher or AP trained teacher         HONORS CHINESE III AB         Emphasizes creative self-expression in spoken language. Expands aural comprehension to improve guessing from         context. Includes short passages from both adapted and authentic literature, in the reading practice and some         creative writing. Promotes increased knowledge of the Chinese culture and components of the language.         nstructional Material; 1616- Zhen Bàng! Level III, EMC Publishing, ISBN 9781533815224         Pererequisites: Chinese II, taken in sequence         What's Next? AP Chinese Language and culture AB or Honors Chinese IV AB         Course taught by locally certified gifted	4359 AB         03490200         Grade level: 9 – 12         Credit(s): 1         College Hour(s): NA         Tier II         4362 AB         03490300         Grade level: 9 - 12         Credit(s): 1         College Hour(s): NA         Tier II
What's Next? Honors Chinese III AB         HONORS CHINESE I AB         The honors course is designed for ninth grade students who have completed two years of languages in middle         school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned         during their first language course. Students will be expected to participate in daily aural and written activities and         conduct classroom conversations to create an immersion-type experience. Students in this course are required to         complete an approved Global Citizen project at the end of the year.         nstructional Material:       1615- Zhén Bàng! Level II, EMC Publishing ISBN: 9781533815217         Pereequisites:       Chinese III AB         Course taught by locally certified gifted teacher or AP trained teacher         HONORS CHINESE III AB         Emphasizes creative self-expression in spoken language. Expands aural comprehension to improve guessing from         context. Includes short passages from both adapted and authentic literature, in the reading practice and some         creative writing. Promotes increased knowledge of the Chinese culture and components of the language.         nstructional Material:       1616- Zhén Bàng! Level III, EMC Publishing, ISBN 9781533815224         Pererequisites:       Chinese III agu agu and culture AB or Honors Chinese IV AB         Course taught by locally certified gifted teacher or AP trained teacher	4359 AB         03490200         Grade level: 9 – 12         Credit(s): 1         College Hour(s): NA         Tier II         4362 AB         03490300         Grade level: 9 - 12         Credit(s): 1         College Hour(s): NA

Instructional Material: No state adopted materials/ Contact Content Director	Credit(s): 1
Prerequisites: Honors Chinese III, taken in sequence	College Hour(s): NA
What's Next? Chinese V AB	Tier II
Course taught by locally certified gifted teacher.	
AP CHINESE LANGUAGE AND CULTURE IV AB	4364 AB
AP Chinese Language and Culture covers material corresponding to an intermediate-level college course in Chinese.	A3490400
Students cultivate their understanding of Chinese language and culture by applying the interpersonal, interpretive,	Grade level: 9 - 12
and presentational modes of communication in real-life situations as they explore concepts related to family and	Credit(s): 1
community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and	College Hour(s): NA
global challenges.	Tier I
Instructional Material: No state adopted materials/ Contact Content Director	
Prerequisites: Honors Chinese III, taken in sequence	
<u>What's Next?</u> Honors Chinese V	
Course taught by an AP trained teacher.	4260 A.D.
HONORS CHINESE V ABH	4369 AB
Affords an opportunity for students to carry on connected discourse in straightforward situations, to produce oral	03490500
presentations and written reports on a variety of topics, and interpret text from various genres and subject areas.	Grade level: 10 - 12
Fosters cultural and linguistic accuracy in communication.	Credit(s): 1
Instructional Material: No state adopted materials/ Contact Content Director <u>Prereguisites:</u> AP Chinese Language and Cultural	College Hour(s): NA
<u>Prerequisites:</u> AP Chinese Language and Cultural What's Next? NA	Tier I
Course taught by locally certified gifted teacher.	
FRENCH I AB	4131 AB
Offers everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers	03410100
practice in using learned material to carry on very simple conversations and through and writing material.	
Fosters awareness of the variety of French-Speaking cultures and of the importance of accuracy of expression.	Grade level: 9 – 12
Instructional Material: 1603- Bien Dit! 1 Houghton, Mifflin, Harcourt, ISBN: 9781328682628	Credit(s): 1
Prerequisites: Taken in sequence	College Hour(s): NA
What's Next? French II AB	Tier III
DUAL CREDIT FRENCH I AB	4127 AB
TCC Course: Beginning French I (FREN 1411)	
Fundamental skills in listening comprehension, speaking, reading, and writing. Includes acquisition of language	03410100
functions, basic vocabulary, grammatical structures, and culture through contextualized presentations, interactive	Grade level: HS: 11-12
activities, and extensive laboratory practice.	ECHS: 9-12
Instructional Material: NA	Credit(s): 1
FWISD Prerequisites: Taken in sequence	College Hour(s): 4 hours
What's Next? FREN 1412	Tier I
Course taught by an approved adjunct instructor.	
FRENCH II AB	4133 AB
Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety	03410200
of cultural experiences in the French-speaking world. Offers practice in understanding and producing sentence-	
length utterances and brief, connected texts using re-combinations of learned material. Promotes recognition of the	Grade level: 9 – 12
role of culture and language components in communication.	Credit(s): 1
Instructional Material: 1604 - Bien Dit! II Houghton, Mifflin, Harcourt, ISBN: 9781328682635	College Hour(s): NA
Prerequisites: French I, taken in sequence	Tier III
What's Next? Honors French III AB	
HONORS FRENCH II AB	4134 AB
The honors course is designed for ninth grade students who have completed two years of languages in middle	03410200
	Creade Javiel 0, 12
school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned	Grade level: 9 – 12
during their first language course. Students will be expected to participate in daily aural and written activities and	
during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. <i>Students in this course are required to</i>	Credit(s): 1
during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. <i>Students in this course are required to complete an approved Global Citizen project at the end of the year.</i>	Credit(s): 1 College Hour(s): NA
during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. <i>Students in this course are required to complete an approved Global Citizen project at the end of the year.</i> Instructional Material: 1604 - Bien Dit! II Houghton, Mifflin, Harcourt, ISBN: 9781328682635	Credit(s): 1
during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. <i>Students in this course are required to</i> <i>complete an approved Global Citizen project at the end of the year.</i> <u>Instructional Material:</u> 1604 - Bien Dit! II Houghton, Mifflin, Harcourt, ISBN: 9781328682635 <u>Prerequisites:</u> French I, taken in sequence	Credit(s): 1 College Hour(s): NA
during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. <i>Students in this course are required to</i> <i>complete an approved Global Citizen project at the end of the year.</i> <u>Instructional Material:</u> 1604 - Bien Dit! II Houghton, Mifflin, Harcourt, ISBN: 9781328682635 <u>Prerequisites:</u> French I, taken in sequence <u>What's Next?</u> Honors French III AB	Credit(s): 1 College Hour(s): NA <b>Tier II</b>
during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. <i>Students in this course are required to</i> <i>complete an approved Global Citizen project at the end of the year.</i> <u>Instructional Material:</u> 1604 - Bien Dit! II Houghton, Mifflin, Harcourt, ISBN: 9781328682635 <u>Prerequisites:</u> French I, taken in sequence <u>What's Next?</u> Honors French III AB <b>DUAL CREDIT FRENCH II AB</b>	Credit(s): 1 College Hour(s): NA
during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. <i>Students in this course are required to</i> <i>complete an approved Global Citizen project at the end of the year.</i> Instructional Material: 1604 - Bien Dit! II Houghton, Mifflin, Harcourt, ISBN: 9781328682635 Prerequisites: French I, taken in sequence What's Next? Honors French III AB DUAL CREDIT FRENCH II AB TCC Course: Beginning French II (FREN 1412)	Credit(s): 1 College Hour(s): NA Tier II 4129 AB
during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. <i>Students in this course are required to</i> <i>complete an approved Global Citizen project at the end of the year.</i> Instructional Material: 1604 - Bien Dit! II Houghton, Mifflin, Harcourt, ISBN: 9781328682635 Prerequisites: French I, taken in sequence What's Next? Honors French III AB DUAL CREDIT FRENCH II AB TCC Course: Beginning French II (FREN 1412) Continuation of FREN-1411 with emphasis on conversation. Laboratory practice. This is a regular college-level	Credit(s): 1 College Hour(s): NA Tier II 4129 AB 03410200
during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. <i>Students in this course are required to</i> <i>complete an approved Global Citizen project at the end of the year.</i> Instructional Material: 1604 - Bien Dit! II Houghton, Mifflin, Harcourt, ISBN: 9781328682635 Prerequisites: French I, taken in sequence What's Next? Honors French III AB <b>DUAL CREDIT FRENCH II AB</b> <b>TCC Course: Beginning French II (FREN 1412)</b> Continuation of FREN-1411 with emphasis on conversation. Laboratory practice. This is a regular college-level French course in which dual credit will be awarded for college French and high school French II.	Credit(s): 1 College Hour(s): NA Tier II 4129 AB 03410200 Grade level: HS: 11-12
during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. <i>Students in this course are required to</i> <i>complete an approved Global Citizen project at the end of the year.</i> Instructional Material: 1604 - Bien Dit! II Houghton, Mifflin, Harcourt, ISBN: 9781328682635 Prerequisites: French I, taken in sequence What's Next? Honors French III AB <b>DUAL CREDIT FRENCH II AB</b> <b>TCC Course: Beginning French II (FREN 1412)</b> Continuation of FREN-1411 with emphasis on conversation. Laboratory practice. This is a regular college-level French course in which dual credit will be awarded for college French and high school French II. Instructional Material: <i>NA</i>	Credit(s): 1 College Hour(s): NA Tier II 4129 AB 03410200 Grade level: HS: 11-12 ECHS: 9-12
during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. <i>Students in this course are required to</i> <i>complete an approved Global Citizen project at the end of the year.</i> Instructional Material: 1604 - Bien Dit! II Houghton, Mifflin, Harcourt, ISBN: 9781328682635 Prerequisites: French I, taken in sequence What's Next? Honors French III AB <b>DUAL CREDIT FRENCH II AB</b> <b>TCC Course: Beginning French II (FREN 1412)</b> Continuation of FREN-1411 with emphasis on conversation. Laboratory practice. This is a regular college-level French course in which dual credit will be awarded for college French and high school French II.	Credit(s): 1 College Hour(s): NA Tier II 4129 AB 03410200 Grade level: HS: 11-12

HONORS FRENCH III AB	4137 AB
Emphasizes creative self-expression in the spoken language. Expands aural comprehension to improve guessing	03410300
from context. Includes short passages of literature in the reading practice and some creative writing. Promotes	
increased knowledge of the French culture and components of the language	Grade level: 9 – 12
Instructional Material: 1605 - Bien Dit! III Houghton, Mifflin, Harcourt, ISBN: 9781942400349	Credit(s): 1
Prerequisites: French II; novice-high proficiency in speaking; intermediate-low proficiency in listening, reading and	College Hour(s): NA
writing, student interest; taken in sequence	Tier II
What's Next? AP French Language and Culture or Honors French IV AB	
Course taught by locally certified gifted or AP trained teacher HONORS FRENCH IV ABH	4222 AD
	<b>4332 AB</b> 03410400
Affords an opportunity for students to participate fully in connected discourse; to communicate successfully in problematic situations; to explain, narrate, and describe in present, past, and future time; to analyze and interpret iterary texts; and to write original compositions on a variety of topics. Fosters accuracy of expression and cultural	03410400
behavior and the use of French for future careers and personal enrichment	Grade level: 9 – 12
nstructional Material: 1606 – APprenons, French IV Wayside Publishing, ISBN: 9781938026911	Credit(s): 1
Prerequisites: Honors French III	College Hour(s): NA
<u>What's Next?</u> 4141 – AP French Language and Culture; or 4143 Honors French V	Tier II
Course taught by locally certified gifted teacher.	
AP FRENCH LANGUAGE AND CULTURE AB	4141 AB
P French Language and Culture covers material corresponding to an intermediate-level college course in French.	A3410100
tudents cultivate their understanding of French language and culture by applying the interpersonal, interpretive,	
and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and	Grade level: 9 – 12
global challenges.	
Instructional Material: 1606 – APprenons, French IV Wayside Publishing, ISBN: 9781938026911	Credit(s): 1
Prerequisites: Honors French III	College Hour(s): NA
<u>Nhat's Next?</u> Honors French V AB	Tier I
HONORS FRENCH V AB	4143 AB
Affords an opportunity for students to participate fully in connected discourse; to communicate successfully in	03410500
problematic situations; to explain, narrate, and describe in present, past, and future time; to analyze and interpret	
iterary texts; and to write original compositions on a variety of topics. Fosters accuracy of expression and cultural	Grade level: 9 - 12
behavior and the use of French for future careers and personal enrichment <u>nstructional Material:</u> 1606 –Contact Content Director	Credit(s): 1 College Hour(s): NA
Prerequisites: AP French, Language & Culture	Tier I
What's Next? Honors French VI AB	
HONORS FRENCH VI AB	4145 AB
Affords an opportunity for students to participate fully in connected discourse; to communicate successfully in	03410600
problematic situations; to explain, narrate, and describe in present, past, and future time; to analyze and interpret	Grade level: 9 – 12
iterary texts; and to write original compositions on a variety of topics. Fosters accuracy of expression and cultural	Credit(s): 1
behavior and the use of French for future careers and personal enrichment	College Hour(s): NA
nstructional Material: 1606 – Contact Content Director	Tier I
Prerequisites: Honors French V; taken in sequence	
What's Next? N/A	
GERMAN I AB	4191 AB
Offers everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers	03420100
practice in using learned material to carry on very simple conversations and to read and write familiar material.	Grade level: HS: 9-12
Fosters awareness of German culture and of the importance of accuracy of expression	Credit(s): 1
Instructional Material: 1670 - Portfolio Deutsch Level I, Klett-USA; ISBN: 9783126000024 Prereguisites: Taken in seguence	College Hour(s): NA
<u>Prerequisites:</u> Taken in sequence <u>What's Next?</u> German II AB	Tier III
	4107 40
DUAL CREDIT GERMAN I AB	4187 AB
FCC Course:         Beginning German I (GERM 1411)	02420462
Fundamental skills in listening comprehension, speaking, reading, and writing. Includes acquisition of language	03420100
	Grade level: HS: 11-12
	ECHS: 9-12
activities, and extensive laboratory practice.	
activities, and extensive laboratory practice.	Credit(s): 1
activities, and extensive laboratory practice. <u>nstructional Material:</u> NA <u>Prerequisites:</u> Taken in sequence	College Hour(s): 4 hours
activities, and extensive laboratory practice. <u>nstructional Material:</u> NA <u>Prerequisites:</u> Taken in sequence <u>What's Next?</u> GERM 1412 Course taught by an approved adjunct instructor.	College Hour(s): 4 hours <b>Tier I</b>
activities, and extensive laboratory practice. Instructional Material: NA Prerequisites: Taken in sequence What's Next? GERM 1412 GERMAN II AB	College Hour(s): 4 hours Tier I 4193 AB
GERMAN II AB Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety	College Hour(s): 4 hours <b>Tier I</b>
activities, and extensive laboratory practice. Instructional Material: NA Prerequisites: Taken in sequence What's Next? GERM 1412 GERMAN II AB	College Hour(s): 4 hours Tier I 4193 AB

Instructional Material: 1671 - Portfolio Deutsch Level II, Klett-USA; ISBN: 9783126000130	College Hour(s): NA
Prerequisites: German I; taken in sequence	Tier III
<u>Vhat's Next?</u> Honors German III AB	
HONORS GERMAN II AB	4194 AB
he honors course is designed for ninth grade students who have completed two years of languages in middle	03420200
chool or highly motivated language learners. These students will expand and strengthen the linguistic skills learned	03-20200
luring their first language course. Students will be expected to participate in daily aural and written activities and	Grade level: 9 – 12
conduct classroom conversations to create an immersion-type experience. Students in this course are required to	Credit(s): 1
omplete an approved Global Citizen project at the end of the year.	College Hour(s): NA
nstructional Material: 1671 - Portfolio Deutsch Level II, Klett-USA; ISBN: 9783126000130	Tier II
<u>Prerequisites:</u> German I; taken in sequence	
<u>Vhat's Next?</u> Honors German III AB	
	4100 40
DUAL CREDIT GERMAN II AB	<b>4189 AB</b> 03420200
CC Course: Beginning German II (GERM 1412)	
ontinuation of GERM 1411 with emphasis on conversation.	Grade level: HS: 11-12 ECHS: 9-12
istructional Material: NA	Credit(s): 1
WISD & TCC Prerequisites: GERM-1411	College Hour(s): 4 hours
ourse taught by an approved adjunct instructor.	Tier I
IONORS GERMAN III AB	4197 AB
mphasizes creative self-expression in the spoken language. Expands aural comprehension to improve guessing	03420300
om context. Includes short passages of literature for reading practice and some creative writing. Promotes	
ncreased knowledge of the German culture and components of the language	Grade level: 9 – 12
nstructional Material: 1672 - Portfolio Deutsch Level III, Klett-USA; ISBN: 97831260000208	Credit(s): 1
rerequisites: German II; novice-high proficiency in speaking; intermediate-low proficiency in listening, reading, and	College Hour(s): NA
riting; student interest; taken in sequence	Tier II
Vhat's Next? Honors German IV AB or AP German Language and Culture IV AB	
IONORS GERMAN IV AB	4338 AB
ffords an opportunity for students to participate fully in connected discourse; to communicate successfully in	03420400
roblematic situations; to explain, narrate, and describe in present, past, and future time; to analyze and interpret	
terary texts; and to write original compositions on a variety of topics. Fosters accuracy of expression and cultural	Grade level: 9 – 12
ehavior and the use of French for future careers and personal enrichment	Credit(s): 1
nstructional Material: Portfolio Deutsch Level IV, Klett-USA; ISBN: 9783126000260	College Hour(s): NA
r <u>erequisites:</u> Honors German III	Tier II
Vhat's Next? AP German Language and Culture V AB	
P GERMAN LANGUAGE AND CULTURE AB	4201 AB
P German Language and Culture covers material corresponding to an intermediate-level college course in German.	A3420100
tudents cultivate their understanding of German language and culture by applying the interpersonal, interpretive,	
nd presentational modes of communication in real-life situations as they explore concepts related to family and	Grade level: 9 – 12
ommunity, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and	Credit(s): 1
lobal challenges.	
nstructional Material: Portfolio Deutsch Level IV, Klett-USA; ISBN: 9783126000260	College Hour(s): NA
rerequisites: Honors German III	Tier I
<u>/hat's Next?</u> Honors German V AB	
IONORS GERMAN V AB	4203 AB
ffords an opportunity for students to participate fully in connected discourse; to communicate successfully in	03420500
roblematic situations; to explain, narrate, and describe in present, past, and future time; to analyze and interpret	
terary texts; and to write original compositions on a variety of topics. Fosters accuracy of expression and cultural	Grade level: 9 – 12
ehavior and the use of French for future careers and personal enrichment	Credit(s): 1
nstructional Material: No state-adopted instructional material(s)/Deutschen Gramatick, 2nd Edition, Houghton	College Hour(s): NA
Iifflin/Contact Content Director	Tier I
r <u>erequisites:</u> AP German Language & Culture	
<u>/hat's Next?</u> NA	
IONORS GERMAN VI AB	4205 AB
ffords an opportunity for students to participate fully in connected discourse; to communicate successfully in	03420600
roblematic situations; to explain, narrate, and describe in present, past, and future time; to analyze and interpret	
terary texts; and to write original compositions on a variety of topics. Fosters accuracy of expression and cultural	Grade level: 9 – 12
ehavior and the use of German for future careers and personal enrichment	Credit(s): 1
nstructional Material: No state-adopted instructional material(s)/Deutschen Gramatick, 2nd Edition, Houghton	College Hour(s): NA
1ifflin/Contact Content Director	Tier I
<u>Prereguisites:</u> AP German Language and Culture; taken in sequence	

Prerequisites: AP German Language and Culture; taken in sequence

offers everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers ractice in using learned material to carry on very simple conversations and to read and write familiar material. osters awareness of Italian culture and of the importance of accuracy of expression structional Material: <i>Chiarissimo I - Wayside Publishing; ISBN: 9781942400370</i> rerequisites: N/A <i>Vhat's Next2</i> Italian II AB <b>TALIAN II AB</b> Toural experiences in the Italian-speaking world. Offers practice in understanding and producing sentence- ength utterances and brief, connected texts using re-combinations of learned material. Promotes recognition of the ble of culture and language components in communication <u>structional Material</u> : <i>Chiarissimo II - Wayside Publishing; ISBN: 9781942400394</i> <u>rerequisites;</u> Italian I, taken in sequence <i>Vhat's Next2</i> Honors Italian III AB <b>CONORS ITALIAN II AB</b> the honors course is designed for ninth grade students who have completed two years of languages in middle chool or highly motivated language learners. These students will expand and strengthen the linguistic skills learned uring their first language course. Students will be expected to participate in daily aural and written activities and onduct classroom conversations to create an immersion-type experience. <i>Students in this course are required to omplete an approved Global Citizen project at the end of the year.</i> <b>structional Material:</b> <i>Chiarission II - Wayside Publishing; ISBN: 9781942400394</i> <b>rerequisites;</b> Italian I, taken in sequence <i>Vhat's Next2</i> Honors Italian III AB <b>DONORS ITALIAN II AB Monors traction</b> to create an immersion-type experience. <i>Students in this course are required to omplete an approved Global Citizen project at the end of the year.</i> <b>structional Material:</b> <i>Chiarission II - Wayside Publishing; ISBN: 9781942400394</i> <b>rerequisites;</b> Italian I, taken in sequence <i>Vhat's Next2</i> Honors Italian III AB <b>DONORS ITALIAN II AB DONORS ITALIAN II AB DONORS ITALIAN II AB DONORS ITAL</b>	03400100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 4250 AB 03400200 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier III 4251 AB 03400200 Grade level: 10 – 12 Credit(s): 1 College Hour(s): NA Tier II 4252 AB 03400300 Grade level: 11 – 12
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nd study of art, history, music, and geography <u>istructional Material:</u> Sentieri - Vista Higher Learning. ISBN: 9781626808058	Grade level: 11 – 12
nstructional Material: Sentieri - Vista Higher Learning. ISBN: 9781626808058	Grade level: 11 – 12
	Grade level: 11 – 12
rerequisites: Italian II; novice-high proficiency in speaking; intermediate-low proficiency in listening, reading, and	Credit(s): 1
riting; student interest; taken in sequence	College Hour(s): NA
Vhat's Next? Honors Italian IV AB or AP Italian Language and Culture AB	Tier II
IONORS ITALIAN IV ABH	4255 AB
ffords an opportunity for students to participate fully in connected discourse; to communicate successfully in	03400400
roblematic situations; to explain, narrate, and describe in present, past, and future time; to analyze and interpret	
terary texts; and to write original compositions on a variety of topics. Fosters accuracy of expression and cultural	
ehavior and the use of French for future careers and personal enrichment	Grade level: 9 – 12
nstructional Material: Immagina - Vista Higher Learning; ISBN: 978-1-62680-905-5	Credit(s): 1
rerequisites: Honors Italian III; student interest; taken in sequence	College Hour(s): NA
<u>Vhat's Next?</u> NA	Tier II
P ITALIAN LANGUAGE AND CULTURE AB	4256 AB
P Italian Language and Culture covers material corresponding to an intermediate-level college course in Italian.	A3400400
tudents cultivate their understanding of Italian language and culture by applying the interpersonal, interpretive,	Grade level: 9 – 12
nd presentational modes of communication in real-life situations as they explore concepts related to family and	Credit(s): 1
ommunity, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and	College Hour(s): NA
lobal challenges.	
nstructional Material: Immagina - Vista Higher Learning; ISBN: 978-1-62680-905-5	Tier I
rerequisites: Honors Italian III; student interest; taken in sequence	-
APANESE I AB	4280 AB
AFAILESE TAB Iffers everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers	03120100
ractice in using learned material to carry on very simple conversations and to read and write familiar material.	03120100
	Grada loval: 0 12
oster's awareness of Japanese culture and of the importance of accuracy of expression.	Grade level: 9 - 12
nstructional Material: 1622 — Genki, Level I, Cheng & Tsui, Co. Inc., ISBN: 9784789014403	Credit(s): 1
rerequisites: Taken in sequence	College Hour(s): NA
<u>/hat's Next?</u> Japanese II AB	Tier III
APANESE II AB	4282 AB
xpands oral and written skills into more challenging constructions, increased reading comprehension, and a variety	03120200
f cultural experiences. Offers practice in understanding and producing sentence-length utterances and brief,	
onnected texts using recombination's of learned material. Promotes recognition of the role of culture and language	Grade level: 9 – 12
omponents in communication. This course is also broadcast by the FWISD; students in all high schools have the	Credit(s): 1
pportunity to participate	College Hour(s): NA
nstructional Material: 1623 — Genki, Level II, Cheng & Tsui, Co. Inc., ISBN: 9784789014434	Tier III

HONORS JAPANESE II AB	4283 AB
The honors course is designed for ninth grade students who have completed two years of languages in middle	03120200
school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned	
during their first language course. Students will be expected to participate in daily aural and written activities and	Grade level: 9 – 12
conduct classroom conversations to create an immersion-type experience. Students in this course are required to	Credit(s): 1
complete an approved Global Citizen project at the end of the year.	College Hour(s): NA
Instructional Material: 1623 — Genki, Level II, Cheng & Tsui, Co. Inc., ISBN: 9784789014434	Tier II
Prerequisites: Japanese I; taken in sequence	
What's Next? Honors Japanese III AB	1200 AD
HONORS JAPANESE III AB	4288 AB
Emphasizes creative self-expression in the spoken language. Expands aural comprehension to improve guessing	03120300
from context Includes short passages of literature adapted from Kanji in the reading practice and some creative	
writing. Promotes increased knowledge of the Japanese culture and components of the language	Creade Javach 0 12
Instructional Material: 1624 — Tobira, Level III Gateway to Advanced Japanese, Cheng & Tsui, Co. Inc., ISBN: 9784874244470	Grade level: 9 – 12 Gradit(c): 1
	Credit(s): 1
Prerequisites: Japanese II; demonstrated proficiency at the intermediate-low level in speaking and writing and the	College Hour(s): NA <b>Tier II</b>
intermediate-mid level in listening and reading; student interest	lier li
What's Next? AP Japanese Language & Culture HONORS JAPANESE IV A	4290 A
	4289 A
Emphasizes creative self-expression in the spoken language. Offers practice in understanding and producing oral	03120400
and written passages on a variety of topics. Prepares students to increase level of proficiency in the Japanese language across the three communicative modes: (Interpersonal, Interpretive, and Presentational) and the via goal	
areas of the national and state standards: (Communication, Cultures, Connections, Comparisons, and Communities).	Grade level: 10 – 12
Authentic sources support acquisition of both linguistic and cultural skills. Course fosters accuracy of expression and	Credit(s): 1
cultural behavior and the use of Japanese for future careers and personal enrichment.	College Hour(s): NA
Instructional Material: Tobira: Level IV Power Up Your Kanji, Cheng & Tsui, Co. Inc., ISBN: 9784874244876	Tier II
<u>Prerequisites:</u> Honors Japanese III, taken in sequence <u>What's Next?</u> JAPNB/H 4289B	
	420C AD
AP JAPANESE LANGUAGE AND CULTURE AB	4286 AB
AP Japanese Language and Culture covers material corresponding to an intermediate-level college course in	A3120400
Japanese. Students cultivate their understanding of Japanese language and culture by applying the interpersonal,	Grade level: 9 – 12
interpretive, and presentational modes of communication in real-life situations as they explore concepts related to	Credit(s): 1
family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary	College Hour(s): NA
life, and global challenges. Instructional Material: Tobira: Level IV Power Up Your Kanji, Cheng & Tsui, Co. Inc., ISBN: 9784874244876	Tier I
Prerequisites: Honors Japanese III, taken in sequence	
<u>Prerequisites:</u> Honors Japanese III, taken in sequence <u>What's Next?</u> NA	Λ211 ΔΡ
<u>Prerequisites:</u> Honors Japanese III, taken in sequence <u>What's Next?</u> NA <b>LATIN I AB</b>	<b>4211 AB</b>
Prerequisites: Honors Japanese III, taken in sequence <u>What's Next?</u> NA <b>LATIN I AB</b> Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture	03430100
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language	03430100 Grade level: 9 – 12
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199	03430100 Grade level: 9 – 12 Credit(s): 1
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence What's Next? Latin II AB	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b>
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence What's Next? Latin II AB LATIN II AB	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 4213 AB
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence What's Next? Latin II AB LATIN II AB Builds skills in reading comprehension, complemented by listening, speaking, and writing practice. Promotes	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4213 AB</b> 03430200
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence What's Next? Latin II AB LATIN II AB Builds skills in reading comprehension, complemented by listening, speaking, and writing practice. Promotes recognition of the role of Roman culture and language components in communication	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4213 AB</b> 03430200 Grade level: 9 – 12
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Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence What's Next? Latin II AB Builds skills in reading comprehension, complemented by listening, speaking, and writing practice. Promotes recognition of the role of Roman culture and language components in communication Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 9781316646290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB HONORS LATIN II AB The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. Students in this course are required to complete an approved Global Citizen project at the end of the year.	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4213 AB</b> 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4214 AB</b> 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence What's Next? Latin II AB Builds skills in reading comprehension, complemented by listening, speaking, and writing practice. Promotes recognition of the role of Roman culture and language components in communication Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB HONORS LATIN II AB The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. Students in this course are required to complete an approved Global Citizen project at the end of the year. Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 97813166462290	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4213 AB</b> 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4214 AB</b> 03430200 Grade level: 9 – 12 Credit(s): 1
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Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence What's Next? Latin II AB Builds skills in reading comprehension, complemented by listening, speaking, and writing practice. Promotes recognition of the role of Roman culture and language components in communication Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB HONORS LATIN II AB The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. Students in this course are required to complete an approved Global Citizen project at the end of the year. Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4213 AB</b> 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4214 AB</b> 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>Tier II</b>
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence What's Next? Latin II AB LATIN II AB Builds skills in reading comprehension, complemented by listening, speaking, and writing practice. Promotes recognition of the role of Roman culture and language components in communication Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. Students in this course are required to complete an approved Global Citizen project at the end of the year. Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB HONORS LATIN II AB	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4213 AB</b> 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4214 AB</b> 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence What's Next? Latin II AB Builds skills in reading comprehension, complemented by listening, speaking, and writing practice. Promotes recognition of the role of Roman culture and language components in communication Instructional Material: 1625 - Elevate Level II, Unit II Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. Students in this course are required to complete an approved Global Citizen project at the end of the year. Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB The Noors Latin III AB HONORS LATIN III AB The nonors course is designed for ninth grade students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. Students in this course are required to complete an approved Global Citizen project at the end of the year. Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 97813166462290 Prerequis	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 4213 AB 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 4214 AB 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 4215 AB 03430300
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence What's Next? Latin II AB Builds skills in reading comprehension, complemented by listening, speaking, and writing practice. Promotes recognition of the role of Roman culture and language components in communication Instructional Material: 1625 - Elevate Level II, Unit II Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB HONORS LATIN II AB The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. Students in this course are required to complete an approved Global Citizen project at the end of the year. Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB HONORS LATIN II AB	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 4213 AB 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 4214 AB 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 4215 AB
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence What's Next? Latin II AB Builds skills in reading comprehension, complemented by listening, speaking, and writing practice. Promotes recognition of the role of Roman culture and language components in communication Instructional Material: 1625 - Elevate Level II, Unit II Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. Students in this course are required to complete an approved Global Citizen project at the end of the year. Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB The Noors Latin III AB HONORS LATIN III AB The nonors course is designed for ninth grade students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. Students in this course are required to complete an approved Global Citizen project at the end of the year. Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 97813166462290 Prerequis	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 4213 AB 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 4214 AB 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 4215 AB 03430300
Prerequisites: Honors Japanese III, taken in sequence What's Next? NA LATIN I AB Introduces the reading of Latin, reinforced by listening, speaking, and writing. Fosters awareness of Roman culture and of components of the language Instructional Material: 1625 - Elevate Level I, Unit I & Unit II Cambridge University Press, ISBN: 9781316646199 Prerequisites: Taken in sequence What's Next? Latin II AB Builds skills in reading comprehension, complemented by listening, speaking, and writing practice. Promotes recognition of the role of Roman culture and language components in communication Instructional Material: 1625 - Elevate Level II, Unit II Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB HONORS LATIN II AB The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct classroom conversations to create an immersion-type experience. Students in this course are required to complete an approved Global Citizen project at the end of the year. Instructional Material: 1625 - Elevate Level II, Unit III Cambridge University Press ISBN: 97813166462290 Prerequisites: Latin I; taken in sequence What's Next? Honors Latin III AB HONORS LATIN II AB	03430100 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 4213 AB 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III 4214 AB 03430200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier II 4215 AB 03430300 Grade level: 9 – 12

AP LATIN IV AB	4221 AB
AP Latin is equivalent to an intermediate level college course in Latin focusing on the in-depth study of selections	A3430100
from two of the greatest works in Latin literature: Vergil's Aeneid and Caesar's Gallic War. Students cultivate their	<b>_</b>
understanding of classics through preparing and translating readings and considering themes in the context of	Grade level: 9 - 12
ancient literature as they explore concepts like literary techniques, Roman values, war and empire, leadership, views	
of non-Romans, history and memory, and human beings and the gods.	Credit(a): 1
Instructional Material: Vergil's Aeneid. Bolchazy-Carducci Publishers ISBN: 9780865167650 & Caesar ISBN: 9780865167780	Credit(s): 1
Prereguisites: Honors Latin III; taken in sequence	College Hour(s): NA
<u>What's Next?</u> NA	Tier I
HONORS LATIN V AB	4223 AB
Affords an opportunity for students to analyze and interpret selections of prose and poetry from a variety of sources	03430500
and periods. Fosters the use of Latin for future careers and personal enrichment	Grade level: 9 - 12
Instructional Material: Latin of New Spain. Bolchazy-Carducci Publishers; ISBN: 9780865168053	Credit(s): 1
Prerequisites: AP Latin Vergil AB; taken in sequence	College Hour(s): NA
<u>What's Next?</u> NA	Tier I
HONORS LATIN VI AB	4225 AB
Affords an opportunity for students to analyze and interpret selections of prose and poetry from a variety of sources	03430600
and periods. Fosters the use of Latin for future careers and personal enrichment. Prepares students for AP Latin	-
examination	Grade level: 11 – 12
Instructional Material: Not state adopted/ Contact Content Director	Credit(s): 1
Prerequisites: Honors Latin V	College Hour(s): NA
<u>What's Next?</u> NA	Tier I
SPANISH I AB	4071 AB
Offers everyday conversational patterns in culturally authentic situations and introduces reading and writing. Offers	03440100
practice in using learned material to carry on very simple conversations and to read and write familiar material.	
Fosters awareness of Spanish culture and of the importance of accuracy of expression	Grade level: 9 - 12
Instructional Material: 1645 - Texas Auténtico I, Pearson Education, Inc.; ISBN: 9780328905461	Credit(s): 1
Prerequisites: Taken in sequence	College Hour(s): NA
<u>What's Next?</u> Spanish II AB	Tier III
TCC Course: Beginning Spanish I (SPAN 1411)	4067 AB
DUAL CREDIT SPANISH I AB TCC Course: Beginning Spanish I (SPAN 1411) TWU Course: Spanish 1 (SPN 1341) Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner	<b>4067 AB</b> 03440100
TCC Course: Beginning Spanish I (SPAN 1411) TWU Course: Spanish 1 (SPN 1341) Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner	
TCC Course: Beginning Spanish I (SPAN 1411) TWU Course: Spanish 1 (SPN 1341) Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will	03440100
TCC Course: Beginning Spanish I (SPAN 1411) TWU Course: Spanish 1 (SPN 1341) Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations,	03440100 Grade level: ECHS: 9 – 12
TCC Course: Beginning Spanish I (SPAN 1411) TWU Course: Spanish 1 (SPN 1341) Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1
TCC Course: Beginning Spanish I (SPAN 1411) TWU Course: Spanish 1 (SPN 1341) Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice. Instructional Material: <i>NA</i> <u>FWISD Prerequisites:</u> Taken in sequence <u>TWU Prerequisites:</u> Only offered at Dunbar	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b>
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> 4073 AB
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b>
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> 4073 AB
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> 4073 AB 03440200
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> 4073 AB 03440200 Grade level: 9 - 12
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412       Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: 1646 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> 4073 AB 03440200 Grade level: 9 - 12 Credit(s): 1
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will         acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner         level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: 1646 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish I; taken in sequence         What's Next? Honors Spanish III AB         HONORS SPANISH II AB	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> 4073 AB 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: 1646 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish I; taken in sequence	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> 4073 AB 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b>
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will         acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner         level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: 1646 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish I; taken in sequence         What's Next? Honors Spanish III AB         HONORS SPANISH II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> 4073 AB 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> 4072 AB
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of culture and language components in communication         Instructional Material: 1646 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish II AB         HONORS SPANISH II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language clearners. These students will expand and strengthen the linguistic skills learned	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> <b>4073 AB</b> 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4072 AB</b> 03440200
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: 1646 - Texas Auténtica II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish I; taken in sequence         What's Next? Honors Spanish III AB         HONORS SPANISH II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> 4073 AB 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> 4072 AB 03440200 Grade level: 9 – 12
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next2 TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: 1646 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish I; taken in sequence         What's Next?         HONORS SPANISH II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to p	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> <b>4073 AB</b> 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4072 AB</b> 03440200 Grade level: 9 – 12 Credit(s): 1
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: <i>NA</i> FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: 7646 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish II AB         HONORS SPANISH II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> <b>4073 AB</b> 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4072 AB</b> 03440200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: 1646 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish II AB         HONORS SPANISH II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct c	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> <b>4073 AB</b> 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4072 AB</b> 03440200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: 1646 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish I; taken in sequence         What's Next? Honors Spanish III AB         The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and wri	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> <b>4073 AB</b> 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4072 AB</b> 03440200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: 1646 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish I; taken in sequence         What's Next? Honors Spanish III AB         The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and wri	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours Tier I 4073 AB 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA Tier III 4072 AB 03440200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III Tier II
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: 1646 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish II AB         HONORS SPANISH II AB         The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily aural and written activities and conduct c	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours Tier I 4073 AB 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA Tier III 4072 AB 03440200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III Tier II
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites: Taken in sequence         TWU Prerequisites: To Prerequisites: To Prerequisites: To CS PAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: To46 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish II taken in sequence         What's Next?         What's Next? Honors Spanish III AB         The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned during their first language course. Students will be expected to participate in daily	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours Tier I 4073 AB 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA Tier III 4072 AB 03440200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA Tier III Tier II
TCC Course: Beginning Spanish I (SPAN 1411)         TWU Course: Spanish 1 (SPN 1341)         Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. Includes acquisition of language functions, basic vocabulary, and culture through contextualized presentations, interactive activities, and extensive laboratory practice.         Instructional Material: NA         FWISD Prerequisites; Taken in sequence         TWU Prerequisites; Only offered at Dunbar         What's Next? TCC SPAN 1412         Course taught by an approved adjunct instructor.         SPANISH II AB         Expands oral and written skills into more challenging constructions, increased reading comprehension, and a variety of cultural experiences in the Spanish-speaking world. Offers practice in understanding and producing sentence-length utterances and brief, connected texts using recombination's of learned material. Promotes recognition of the role of culture and language components in communication         Instructional Material: 1646 - Texas Auténtico II, Pearson Education, Inc.; ISBN: 032890547X         Prerequisites: Spanish I; taken in sequence         What's Next? Honors Spanish III AB         The honors course is designed for ninth grade students who have completed two years of languages in middle school or highly motivated language learners. These students will expand and strengthen the linguistic skills learned conduct classroom conversations to create an immersion-type experience. Students in this course are	03440100 Grade level: ECHS: 9 – 12 Credit(s): 1 College Hour(s): 4 hours <b>Tier I</b> <b>4073 AB</b> 03440200 Grade level: 9 - 12 Credit(s): 1 College Hour(s): NA <b>Tier III</b> <b>4072 AB</b> 03440200 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>4069 AB</b>

Instructional Material: NA	Credit(s): 1
FWISD & TCC Prerequisites: SPAN-1411	College Hour(s): 4 hours
TWU Prerequisites: SPN 1341; Only offered at Dunbar	Tier I
What's Next? TCC SPAN 2311	
Course taught by an approved adjunct instructor. HONORS SPANISH III AB	4077 A.D.
Emphasizes creative self-expression in the spoken language. Expands aural comprehension to improve guessing	<b>4077 AB</b> 03440300
from context. Includes short passages of literature in the reading practice and some creative writing. Promotes	03440300
increased knowledge of the Spanish culture and components of the language	
Instructional Material: 1647 - Texas Auténtico III, Pearson Education, Inc.; ISBN: 9780328905539	Grade level: 9 – 12
<u>Prerequisites:</u> Spanish II; novice-high proficiency in speaking; intermediate-low proficiency in listening, reading, and	Credit(s): 1
writing; student interest; taken in sequence	College Hour(s): NA
What's Next? Honors Spanish IV AB or AP Spanish Language AB	Tier II
DUAL CREDIT SPANISH III A	4078 A
TCC Course: Intermediate Spanish I (SPAN 2311)	
The consolidation of skills acquired at the introductory level. Further development of proficiency in listening,	03440300
speaking, reading and writing. Emphasis on comprehension, appreciation, and interpretation of the cultures of the	Grade level: HS: 11-12
Spanish-speaking world. Conversational practice based on selected readings and dialogues. Directed composition.	ECHS: 9-12
Class conducted largely in Spanish.	Credit(s): 0.5
Instructional Material: NA	College Hour(s): 3 hours
FWISD & TCC Prerequisites: SPAN-1412	Tier I
<u>What's Next?</u> SPAN 2312 Course taught by an approved adjunct instructor	
Course taught by an approved adjunct instructor. DUAL CREDIT SPANISH III B	4079 P
	<b>4078 B</b> 03440300
TCC Course: Intermediate Spanish II (SPAN 2312) Continuation of SPAN 2311	Grade level: HS: 11-12
	ECHS: 9-12
Instructional Material: NA	Credit(s): 0.5
FWISD & TCC Prerequisites: SPAN-2311	College Hour(s): 3 hours
Course taught by an approved adjunct instructor.	Tier I
HONORS SPANISH IV ABH	4326 AB
Affords an opportunity for students to participate fully in connected discourse; to communicate successfully in	03440400
problematic situations; to explain, narrate, and describe in present, past, and future time; to analyze and interpret	
literary texts; and to write original compositions on a variety of topics. Fosters accuracy of expression and cultural	Grade level: 9 – 12
behavior and the use of French for future careers and personal enrichment	Credit(s): 1
Instructional Material: 1650 – Triángulo Aprobado IV, Wayside Publishing, Inc.; ISBN: 9781938026621	College Hour(s): NA
Prerequisites: Honors Spanish III, taken in sequence	Tier II
<u>What's Next?</u> AP Spanish Language AB	
Course taught by locally certified gifted teacher.	
AP SPANISH LANGUAGE AND CULTURE AB	4081 AB
AP Spanish Language and Culture covers material corresponding to an intermediate-level college course in Spanish.	A3440100
Students cultivate their understanding of Spanish language and culture by applying the interpressonal, interpretive,	
and presentational modes of communication in real-life situations as they explore concepts related to family and	Grada loval: 0 12
community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges.	Grade level: 9 – 12
Instructional Material: 1650 – Triángulo Aprobado IV, Wayside Publishing, Inc.; ISBN: 9781938026621	Credit(s): 1
<u>Prerequisites:</u> SSSPAN III & IV or Honors Spanish III; taken in sequence	College Hour(s): NA
	Tier I
What's Next? AP Spanish Literature V AB	
<u>What's Next?</u> AP Spanish Literature V AB Course taught by an AP trained teacher	4328 AB
What's Next? AP Spanish Literature V AB Course taught by an AP trained teacher HONORS SPANISH V ABH	<b>4328 AB</b> 03440500
What's Next? AP Spanish Literature V AB           Course taught by an AP trained teacher           HONORS SPANISH V ABH           Affords an opportunity for students to carry on connected discourse in straightforward situations, to produce oral presentations and written reports on a variety of topics, and to interpret texts from various genres and subject areas.	
What's Next? AP Spanish Literature V AB           Course taught by an AP trained teacher           HONORS SPANISH V ABH           Affords an opportunity for students to carry on connected discourse in straightforward situations, to produce oral presentations and written reports on a variety of topics, and to interpret texts from various genres and subject areas.           Fosters cultural and linguistic accuracy in communication	03440500 Grade level: 9 – 12
What's Next? AP Spanish Literature V AB         Course taught by an AP trained teacher         HONORS SPANISH V ABH         Affords an opportunity for students to carry on connected discourse in straightforward situations, to produce oral presentations and written reports on a variety of topics, and to interpret texts from various genres and subject areas.         Fosters cultural and linguistic accuracy in communication         Instructional Material:       1651 – Azulejos V, Wayside Publishing, Inc.; ISBN: 9781942400301	03440500 Grade level: 9 – 12 Credit(s): 1
What's Next? AP Spanish Literature V AB         Course taught by an AP trained teacher <b>HONORS SPANISH V ABH</b> Affords an opportunity for students to carry on connected discourse in straightforward situations, to produce oral presentations and written reports on a variety of topics, and to interpret texts from various genres and subject areas.         Fosters cultural and linguistic accuracy in communication         Instructional Material: 1651 – Azulejos V, Wayside Publishing, Inc.; ISBN: 9781942400301         Prerequisites: Spanish IV	03440500 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA
What's Next? AP Spanish Literature V AB         Course taught by an AP trained teacher <b>HONORS SPANISH V ABH</b> Affords an opportunity for students to carry on connected discourse in straightforward situations, to produce oral presentations and written reports on a variety of topics, and to interpret texts from various genres and subject areas.         Fosters cultural and linguistic accuracy in communication         Instructional Material: 1651 – Azulejos V, Wayside Publishing, Inc.; ISBN: 9781942400301         Prerequisites: Spanish IV         What's Next? NA	03440500 Grade level: 9 – 12 Credit(s): 1
What's Next? AP Spanish Literature V AB         Course taught by an AP trained teacher <b>HONORS SPANISH V ABH</b> Affords an opportunity for students to carry on connected discourse in straightforward situations, to produce oral presentations and written reports on a variety of topics, and to interpret texts from various genres and subject areas.         Fosters cultural and linguistic accuracy in communication         Instructional Material: 1651 – Azulejos V, Wayside Publishing, Inc.; ISBN: 9781942400301         Prerequisites: Spanish IV         What's Next? NA         Course taught by locally certified gifted teacher.	03440500 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b>
What's Next? AP Spanish Literature V AB         Course taught by an AP trained teacher         HONORS SPANISH V ABH         Affords an opportunity for students to carry on connected discourse in straightforward situations, to produce oral presentations and written reports on a variety of topics, and to interpret texts from various genres and subject areas.         Fosters cultural and linguistic accuracy in communication         Instructional Material: 1651 – Azulejos V, Wayside Publishing, Inc.; ISBN: 9781942400301         Prerequisites: Spanish IV         What's Next? NA         Course taught by locally certified gifted teacher.         AP SPANISH LITERATURE AND CULTURE AB	03440500 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>4083 AB</b>
What's Next? AP Spanish Literature V AB         Course taught by an AP trained teacher         HONORS SPANISH V ABH         Affords an opportunity for students to carry on connected discourse in straightforward situations, to produce oral presentations and written reports on a variety of topics, and to interpret texts from various genres and subject areas.         Fosters cultural and linguistic accuracy in communication         Instructional Material: 1651 – Azulejos V, Wayside Publishing, Inc.; ISBN: 9781942400301         Prerequisites: Spanish IV         What's Next? NA         Course taught by locally certified gifted teacher.         AP Spanish Literature is equivalent to a college level introductory survey course of literature written in Spanish.	03440500 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b>
What's Next? AP Spanish Literature V AB         Course taught by an AP trained teacher         HONORS SPANISH V ABH         Affords an opportunity for students to carry on connected discourse in straightforward situations, to produce oral presentations and written reports on a variety of topics, and to interpret texts from various genres and subject areas.         Fosters cultural and linguistic accuracy in communication         Instructional Material: 1651 – Azulejos V, Wayside Publishing, Inc.; ISBN: 9781942400301         Prerequisites: Spanish IV         What's Next? NA         Course taught by locally certified gifted teacher.         AP Spanish Literature is equivalent to a college level introductory survey course of literature written in Spanish.         Students continue to develop their interpretive, interpersonal, and presentational skills in Spanish language as well	03440500 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>4083 AB</b>
What's Next? AP Spanish Literature V AB         Course taught by an AP trained teacher         HONORS SPANISH V ABH         Affords an opportunity for students to carry on connected discourse in straightforward situations, to produce oral presentations and written reports on a variety of topics, and to interpret texts from various genres and subject areas.         Fosters cultural and linguistic accuracy in communication         Instructional Material: 1651 – Azulejos V, Wayside Publishing, Inc.; ISBN: 9781942400301         Prerequisites: Spanish IV         What's Next? NA         Course taught by locally certified gifted teacher.         AP Spanish Literature is equivalent to a college level introductory survey course of literature written in Spanish.         Students continue to develop their interpretive, interpersonal, and presentational skills in Spanish language as well as critical reading and analytical writing as they explore short stories, novels, plays, essays, and poetry from Spain,	03440500 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>4083 AB</b> A3440200
What's Next? AP Spanish Literature V AB         Course taught by an AP trained teacher         HONORS SPANISH V ABH         Affords an opportunity for students to carry on connected discourse in straightforward situations, to produce oral presentations and written reports on a variety of topics, and to interpret texts from various genres and subject areas.         Fosters cultural and linguistic accuracy in communication         Instructional Material: 1651 – Azulejos V, Wayside Publishing, Inc.; ISBN: 9781942400301         Prerequisites: Spanish IV         What's Next? NA         Course taught by locally certified gifted teacher.         AP Spanish Literature is equivalent to a college level introductory survey course of literature written in Spanish.         Students continue to develop their interpretive, interpersonal, and presentational skills in Spanish language as well	03440500 Grade level: 9 – 12 Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>4083 AB</b>

What's Next? Honors Spanish VI	Course taught by an AP trained teacher	Tier I
HONORS SPANISH VI AB		4085 AB
	ate fully in connected discourse; to communicate successfully in	03440600
	describe in present, past, and future time; to analyze and interpret	
	is on a variety of topics. Fosters accuracy of expression and cultural	Grade level: 9 – 12
behavior and the use of Spanish for future car		Credit(s): 1
Instructional Material: No state-adopted instructional		College Hour(s): NA
Prerequisites: AP Spanish course	•••	Tier I
What's Next? Honors Spanish VII		
Course taught by locally certified gifted teacher		
	LEGAL AND MEDICAL PERSONNEL VI AB	4089 AB
	sential vocabulary and language skills in Spanish needed to work in a	03440600
	rize students with basic processes and procedures involved in these	
fields. State elective credit	ize stadents with basic processes and procedures involved in these	Grade level: 11 - 12
Instructional Material: No state-adopted instructional	tional material(s)/Contact Content Director	Credit(s): 1
	nish IV AB or Spanish for Native Speakers III – IV	College Hour(s): NA
	e, if not previously taken or Honors Spanish VII	Tier I
	certified, with some work experience in one or more of the fields	
preferred. Course taught by locally certified gift		
SPANISH LEVEL I & II (FOR SPANISH S		4079A (SPANISH I AB)
SPAINIST LEVEL I & II (FUK SPAINISH S	FEMNENJ)	
		4079B (SPANISH IIAB)
	panish, focusing on reading, writing, and higher-level thinking skills.	03440110 & 03440220
	pulary. Includes the cultures of various Hispanic countries.	
	das Literarias, Pearson Education, Inc., ISBN: 9780131163553,	Grade level: 9 – 12
	das Literarias, Pearson Education, Inc., ISBN: 9780131163560	Credit(s): 1 – 2
	ficiency in Spanish and at least intermediate proficiency in	College Hour(s): NA
English; taken in sequence		Tier III
What's Next? Honors Spanish III AB or Spanish		
HONORS SPANISH LEVEL II (FOR SPAN		4076 (SPANISH II AB)
The honors course is designed for ninth grade	students who have completed two years of languages in middle	03440220
	These students will expand and strengthen the linguistic skills learned	
	ill be expected to participate in daily aural and written activities and	
	immersion-type experience. Students in this course are required to	Grade level: 9 – 12
complete an approved Global Citizen project at		Credit(s): 1
Instructional Material: 1654 - Abriendo Paso, P		College Hour(s): NA
	ficiency in Spanish and at least intermediate proficiency in English;	Tier II
taken in sequence		
What's Next? Spanish for Spanish Speakers III	AB & IV AB	
		4080A (SPANISH III AB)
		4080A (SPANISH III AB) 4080B (SPANISH IV AB)
SPANISH LEVEL III & IV (FOR SPANISH	SPEAKERS)	4080B (SPANISH IV AB)
SPANISH LEVEL III & IV (FOR SPANISH Emphasizes creative self-expression in the writ	SPEAKERS) ten language. This compacted and rigorous curriculum expands	
SPANISH LEVEL III & IV (FOR SPANISH Emphasizes creative self-expression in the writ reading and interpretation of texts from variou	SPEAKERS) ten language. This compacted and rigorous curriculum expands is literary genres and various Content areas. Provides extensive	<b>4080B (SPANISH IV AB)</b> 03440330 & 03440440
SPANISH LEVEL III & IV (FOR SPANISH Emphasizes creative self-expression in the writ reading and interpretation of texts from variou practice in the presentation of oral and writter	<b>SPEAKERS)</b> ten language. This compacted and rigorous curriculum expands is literary genres and various Content areas. Provides extensive in narratives and reports. Promotes understanding of cultural practices	<b>4080B (SPANISH IV AB)</b> 03440330 & 03440440 Grade level: 9 – 12
SPANISH LEVEL III & IV (FOR SPANISH Emphasizes creative self-expression in the writ reading and interpretation of texts from variou practice in the presentation of oral and writter and products, and fosters use of Spanish for fu	<b>SPEAKERS)</b> ten language. This compacted and rigorous curriculum expands is literary genres and various Content areas. Provides extensive in arratives and reports. Promotes understanding of cultural practices iture careers and personal enrichment	<b>4080B (SPANISH IV AB)</b> 03440330 & 03440440 Grade level: 9 – 12 Credit(s): 1 - 2
SPANISH LEVEL III & IV (FOR SPANISH Emphasizes creative self-expression in the writ reading and interpretation of texts from variou practice in the presentation of oral and writter and products, and fosters use of Spanish for fu Instructional Material: 1655- Primary – Encuen	SPEAKERS) ten language. This compacted and rigorous curriculum expands is literary genres and various Content areas. Provides extensive in narratives and reports. Promotes understanding of cultural practices iture careers and personal enrichment tros Maravilloso Gramática, Pearson Education, Inc., ISBN	<b>4080B (SPANISH IV AB)</b> 03440330 & 03440440 Grade level: 9 – 12 Credit(s): 1 - 2 College Hour(s): NA
SPANISH LEVEL III & IV (FOR SPANISH Emphasizes creative self-expression in the writ reading and interpretation of texts from variou practice in the presentation of oral and writter and products, and fosters use of Spanish for fu Instructional Material: 1655- Primary – Encuen 9780133693744 and Secondary- Abriendo Pase	SPEAKERS) ten language. This compacted and rigorous curriculum expands is literary genres and various Content areas. Provides extensive in arratives and reports. Promotes understanding of cultural practices iture careers and personal enrichment tros Maravilloso Gramática, Pearson Education, Inc., ISBN o, Pearson Education, Inc., ISBN: 9780133238006	<b>4080B (SPANISH IV AB)</b> 03440330 & 03440440 Grade level: 9 – 12 Credit(s): 1 - 2
SPANISH LEVEL III & IV (FOR SPANISH Emphasizes creative self-expression in the writ reading and interpretation of texts from variou practice in the presentation of oral and writter and products, and fosters use of Spanish for fu Instructional Material: 1655- Primary – Encuen 9780133693744 and Secondary- Abriendo Pase Prerequisites: Spanish for Spanish Speakers IIA	SPEAKERS) ten language. This compacted and rigorous curriculum expands is literary genres and various Content areas. Provides extensive in narratives and reports. Promotes understanding of cultural practices iture careers and personal enrichment tros Maravilloso Gramática, Pearson Education, Inc., ISBN o, Pearson Education, Inc., ISBN: 9780133238006 B or Honors Spanish for Spanish Speakers IIAB; taken in sequence	<b>4080B (SPANISH IV AB)</b> 03440330 & 03440440 Grade level: 9 – 12 Credit(s): 1 - 2 College Hour(s): NA
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Offered only at WLI	
HONORS SPANISH LEVEL III AB (FOR SPANISH SPEAKERS)	4075 AB (SPANISH III AB)
Emphasizes creative self-expression in the written language. This compacted and rigorous curriculum expands	03440330
reading and interpretation of texts from various literary genres and various Content areas. Provides extensive	
practice in the presentation of oral and written narratives and reports. Promotes understanding of cultural practices	Grade level: 9 – 12
and products, and fosters use of Spanish for future careers and personal enrichment.	Credit(s): 1
Instructional Material: 1655- Primary – Encuentros Maravilloso Gramática, Pearson Education, Inc., ISBN:	College Hour(s): NA
9780133693744 and Secondary- Abriendo Paso, Pearson Education, Inc., ISBN: 9780133238006	Tier II
Prerequisites: Spanish for Spanish Speakers IIAB or Honors Spanish for Spanish Speakers IIAB; taken in sequence	
What's Next? AP Spanish Language IV AB, AP Spanish Literature V AB, or Honors Spanish VI for Business, Legal &	

Medical Personnel

Offered only at WLI

# CAREER AND TECHNICAL EDUCATION

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# Public Notification of Non-Discrimination in Career and Technical Education Programs

The Fort Worth Independent School District offers CTE programs in the following Career Areas:

Agriculture, Food and Natural Resources; Architecture and Construction; Arts, Audio Video Technology, and Communications (*Arts A/V*); Business, Marketing, and Finance; Education and Training; Energy (*P-TECH Program only*); Engineering; Health Science; Hospitality and Tourism; Human Services; Information Technology; Law and Public Service; Manufacturing; Transportation, Distribution and Logistics.

Admission to the above programs is based on interest, lottery selection, age appropriateness, and class space availability.

It is the policy of Fort Worth ISD not to discriminate on the basis of race, color, religion, gender, national origin, age, sexual orientation, disability, gender identity and expression, military/veteran status, or any other basis prohibited by law in its vocational programs, services or activities and provides equal access to the Boy Scouts and other designated youth groups as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

Fort Worth ISD will take steps to assure that the lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

The Fort Worth Independent School District prohibits discrimination, including harassment, against any employee on the basis of race, color, religion, gender, national origin, age, sexual orientation, disability, gender identity and expression, military/veteran status, or any other basis prohibited by law. Retaliation against anyone involved in the complaint process is a violation of District policy. The following persons have been designated to handle inquiries regarding the non-discrimination policies: Patricia Sutton, Director of Special Services, 7060 Camp Bowie Blvd., Fort Worth, TX 76116, 817.814.2458, E-mail: <u>Patricia.Sutton@fwisd.org</u>. Cynthia Allen, Title IX Coordinator, 7060 Camp Bowie Blvd., Fort Worth, TX 76116, 817.814.1880, Email: <u>Cynthia.Allen1@fwisd.org</u>. Dr. Lisa Langston, Director of UIL Compliance, 1501 University Dr, Fort Worth, TX 76107, 817.815.7307, Email: <u>Lisa.Langston@fwisd.org</u>.

Fort Worth ISD Career & Technical Education (CTE) offers a variety of Programs of Study. Each Program of Study has a developed coherent sequence of courses to provide students with an option to receive an Endorsement with their high school diploma based on House Bill 5/Foundation Graduation Program Requirements. Each Program of Study begins with foundation courses that allow students to explore the careers and learn basic concepts and skills needed within that focus. As students move forward in the Program of Study, they will begin to take technical courses that provide them with advanced knowledge and skills in preparation for postsecondary education and/or for jobs in their chosen career field. Programs of Study also prepare students to complete industry certifications that will allow them to become more employable with higher starting wages and provide them with a Performance Acknowledgement in an Endorsement.

#### What is an endorsement?

Endorsements are made up of four courses for four or more credits taken in a coherent sequent providing advanced or more indepth knowledge and skills in a curriculum area. Middle school students should explore career information related to the endorsement areas listed below so they may begin to think about what areas they will want to take more in-depth course work during their educational career in high school.



Each endorsement requires students to complete a foundation of academic courses and a coherent sequence of courses within the endorsement area that lead to advanced studies. Endorsements are earned by successfully completing 26 credits including:

4 math4 science4 or more credits in a coherent sequencecreditscreditsaligned to their endorsement area

**2 additional elective** credits (can be part of the endorsement coherent sequence)

#### What is a Program of Study?

Did you know that there are thousands of different careers in the United States? To help organize the thousands of careers, the U.S. Department of Labor has organized them into career areas with occupations and broad industries that share certain features. In FWISD Career and Technical Education (CTE), the many available programs of study provide you with a developed coherent sequence that can lead to an endorsement with your high school diploma. Think of a program of study as being like a college major. Each program of study begins with foundation courses that allow you to explore the careers within the focus and to learn basic concepts and skills needed for careers within that program of study. As you move forward in the program of study, you will begin to take technical courses that provide you with advanced knowledge and skills in preparation for postsecondary training and/or for jobs in your chosen career field. Many programs of study will lead into a capstone experience junior or senior year, that allows you to graduate with a performance acknowledgement on your diploma. These experiences include earning dual credit, a level I or II college certificate, an industry-based certification, a work-based learning experience, and/or a paid internship opportunity. A CTE Capstone Experience will help you build industry relationships and prepare for the real-world which will, in turn, help you to become more employable in high-need, high-wage jobs of your interest. Additionally, you can use this opportunity to find a job that could help pay for college or post-secondary education.

#### **Business and Industry Endorsement**

Agriculture, Food & Natural Resources careers focus on the essential elements of life food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

**Architecture & Construction** careers focus on designing, planning, managing, building and maintaining the built environment.

**Arts, A/V Technology & Communications** careers focus on designing, producing, exhibiting, performing, writing, and publishing multimedia content. These focuses include visual and performing arts, design, journalism, and entertainment services. Careers in the AAVTC career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

**Business, Marketing & Finance** careers focus on planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

**Energy** careers focus on the designing, planning, maintaining, generating, transmission, and distribution of

traditional and alternative energy.

**Hospitality & Tourism** careers focus on the management, marketing and operations of restaurants, food/ beverage services, lodging, attractions, recreation events and travel related services. Students acquire knowledge and skills focusing on

communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success.

**Information Technology** careers focus on building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, and multimedia and systems integration services.

**Manufacturing** careers focus on planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

**Transportation, Distribution & Logistics** careers focus on planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment, and facility maintenance.

#### **Public Services Endorsement**

Education & Training careers focus on planning, managing and providing education and training services, and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training career cluster. Health Science careers focus on planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

**Human Services** careers focus on preparing individuals for employment in careers that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.

Law and Public Service careers focus on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and fire and emergency services.

#### **STEM Endorsement**

**Engineering** careers focus on the planning, designing, testing, building, and maintaining of machines, structures, materials, systems, and processes using empirical evidence and science, technology, and math principles.

Further details about specific programs of study and those with multiple endorsement opportunities can be found on the <u>CTE Programs of Study Alignment to Endorsements</u> page on the <u>http://tea.texas.gov</u> site.

## What is the difference between a program of study and an endorsement?

A program of study is a sequence of courses within a career cluster and link what students learn in school with the knowledge and skills they need for success in college and careers. *Endorsements* require that the students take four courses from basic skills to advanced courses in the sequence to receive the endorsement when the student graduates from high school.

### What is a coherent sequence?

A *coherent sequence* is a series of courses that relate to a student's career interest and program of study. A coherent sequence builds from foundation and/or exploratory courses to courses that include higher level skills and knowledge to courses that allow the student to practice the high-level skills they have learned either in a lab setting or in the workplace.

### Why is it important to offer a coherent sequence of courses?

A coherent sequence of courses helps students take various levels of courses throughout high school that prepares students for their secondary and postsecondary level career goals. The sequence lets students build their knowledge and skills from the basic level to a more technical and advanced level. The more advanced technical level courses provide students with the opportunity to take an industry-based certification offered within their program/career area as well as graduate high school with an industry endorsement.

### How do you know if you are in a coherent sequence?

A coherent sequence of courses builds from foundation-level to workplace-level skills and knowledge. If you follow one of the programs of study listed in this CTE section of the course catalog, you will be participating in a coherent sequence.

## Is a program of study flexible, if I decide to change?

Students should stay in the courses of their selected program of study in order to receive an endorsement when they graduate, but course curriculum can be flexible. Since there are a variety of jobs and positions at different levels within each occupational group, the courses students take for one career pathway may apply to a variety of different careers within the same pathway. Therefore, students have the opportunity to explore a variety of occupations within a chosen program of study and to learn a variety of skills that allows flexibility within students' education and career goals. For example, learning Business Entrepreneurship within their Culinary Program of Study.

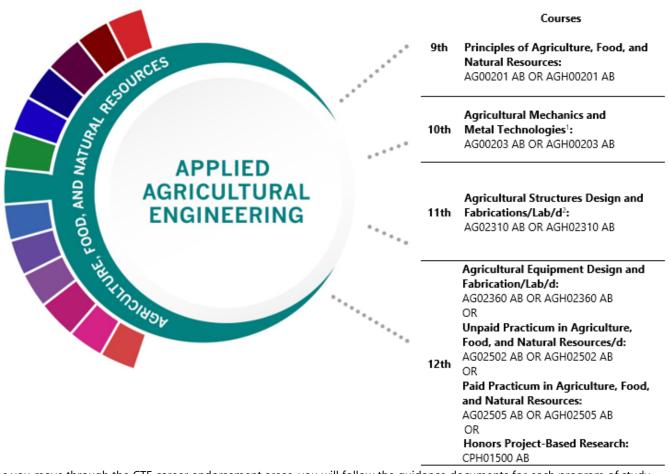
## What if you change your mind?

Students need to take the basic prerequisite courses to build the knowledge and skills before taking the higher-level courses. However, some courses are offered in other programs of study where the student can easily transfer. Additionally, some programs allow for students to switch programs of study after taking the first-level course within the sequence and without repeating the firstlevel course in the new program. The student will need to get guidance from their assigned counselor and CTE teacher, prior to changing. However, even if students start over at the basic course level, students really have not lost anything since they will have gained transferable knowledge and skills from the previous program of study that can used throughout life.

## What is a 4-year progression plan (graduation plan)?

A progression/graduation plan maps out a student's suggested high school coursework that will lead them to their chosen pathway. This helps students choose their future courses and helps guide in scheduling students correctly, which includes all core, elective, and coherent sequence of courses within their selected program of study. Progression plans identify whether students are on track for graduation as well as determine whether a student will graduate with a college and/or career preparedness measure and industry endorsement. Counselors review progression plans with each student annually and update as changes to courses or programs of study arise.

# **Guidance for Reading CTE Career Focus Charts**



As you move through the CTE career endorsement areas, you will follow the guidance documents for each program of study. The following is presented to guide you through understanding each chart.

The example above is taken from the Applied Agricultural Engineering program of study. You can see the grade level where certain courses are to be taken.

Notice that one of the courses offered for 11<sup>th</sup> grade is denoted with the abbreviation of 'd' (short for 'double blocked') in the course number. These courses are scheduled across two class periods and will allow students to earn 2.0 credits. Similarly, "t" stands for "triple blocked" and will allow students to earn 3.0 credits. "T" stands for "term", which is a one-semester only course and will allow students to earn 0.5 credit.

The other courses without a "/d" consist of both an 'A' and 'B' component that must be taken in order for the student to earn 1.0 credit. This is exactly how most students think of taking any core class like English or Math. These courses are **not** to be broken up into separate years of high school. If multiple courses are offered at a grade level but are not **all** required, the word "OR" will be used to demonstrate choice of courses.

Students qualify for certain Practicum Experiences as they near graduation. Each Endorsement will vary in the availability and content of these experiences.

Finally, we know the options can quickly become overwhelming. You are therefore urged to contact your campus counselor or the CTE office for any questions you may have at **817.814.1530**.

# **CTE Elective Courses**

CTE students are expected to follow a four-year coherent sequence of courses as designated in the CTE Career Programs of Study and Focus Charts. However, there are some courses that students are able to take as an elective or enrichment course, outside of a coherent sequence, which may also offer industry-based certification exam opportunities. The CTE elective courses and descriptions are listed below.

# **COURSE DESCRIPTIONS FOR CTE ELECTIVE CLASSES**

PROFESSIONAL COMMUNICATIONS T (PROFCOMM T)	AV09901T
Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research. This course is also offered at middle school campuses for high school speech and CTE credit. The credit is earned only if the middle school teacher was certified to teach the course at the time the student was enrolled.	13009900 Grade level: 8 - 12 HS Credit(s): 0.5
Instructional Material: Professional Communications, 2017 Edition, Goodheart-Willcox Co. Prerequisite(s): None Professional Communications can be taught by any teacher certified in speech or career and technical education who has been credentialled through the district to teach this course. Contact the CTE Dept. for credentialing and training information.	College Hour(s): NA Tier III
TOUCH SYSTEM DATA ENTRY T (TSDATAE T)	BA11301T
In Touch System Data Entry, students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry skills for production of business documents. This course is also offered at middle school campuses that can qualify for high school CTE credit. The credit is earned only if the middle school teacher was certified to teach the course at the time the student was enrolled.	13011300 Grade level: 8 - 10 HS Credit(s): 0.5
nstructional Material: Cashman Series: Microsoft Office 365 and Office 2016: Introductory, Cengage Learning, Inc. Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB)	BA11412AB
In Business Information Management I, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.	13011400 Grade level: 9 - 12 HS Credit(s): 1
Instructional Material: Cashman Series: Microsoft Office 365 and Office 2016: Introductory, Cengage Learning, Inc. Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
HONORS BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB/H)	BAH11412AB
In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.	13011400 Grade level: 9 – 12 HS Credit(s): 1
Instructional Material: Cashman Series: Microsoft Office 365 and Office 2016: Introductory, Cengage Learning, Inc. Prerequisite(s): None	College Hour(s): NA <b>Tier II</b>
MONEY MATTERS AB (MONEYM AB)	FN16201AB
In Money Matters, students will investigate money management from a personal financial perceptive. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain the knowledge and skills necessary to establish short-term and long-term financial goals. Students will examine various methods of achieving short-term and long-term financial goals through various methods such as investing, tax planning, asset allocating, risk management, retirement planning, and estate planning.	13016200 Grade level: 9 - 12 HS Credit(s): 1
Instructional Material: Dave Ramsey's Foundations of Personal Finance, High School Edition, 2014 <u>Prerequisite(s)</u> : None	College Hour(s): NA <b>Tier III</b>
HONORS MONEY MATTERS AB (MONEYM AB/H)	FNH16201AB
In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.	13016200 Grade level: 9 – 12 HS Credit(s): 1
Instructional Material: Dave Ramsey's Foundations of Personal Finance, High School Edition, 2014 Prerequisite(s): None	College Hour(s): NA Tier II

CHILD DEVELOPMENT AB (CHILDDEV AB)	HV24701AB
This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children. Students are equipped with child development skills necessary to promote the well-being and healthy development of children and to investigate careers related to the care and education of children. Students explore the principles and procedures for promoting the physical, emotional, social, and intellectual development of young children, including those with special needs. Topics include characteristics of quality childcare and career options related to the care and education of children.	13024700 Grade level: 9 - 12 HS Credit(s): 1
Instructional Material: Texas - Family & Consumer Science, iCEV <u>Prerequisite(s)</u> : None	College Hour(s): NA <b>Tier III</b>
HONORS CHILD DEVELOPMENT AB (CHILDDEV AB/H)	HVH24701AB
In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.	13024700 Grade level: 9 – 12 HS Credit(s): 1
Instructional Material: Texas - Family & Consumer Science, iCEV <u>Prerequisite(s)</u> : None	College Hour(s): NA <b>Tier II</b>
LIFETIME NUTRITION AND WELLNESS T (LNURTWEL T)	HV24501T
This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness. This course concentrates on nutrition, food choices, and food management skills. Students address nutrition and food preparation from the perspective of food habits and wellness, menu planning, special dietary needs, food costs and budgeting, consumer food-buying strategies, food safety and sanitation, preparation and storage practices. This course will help students gain the knowledge to	13024500 Grade level: 10 - 12 HS Credit(s): 0.5
pursue careers related to hospitality and tourism, education and training, human services, and health sciences. <u>Instructional Material</u> : <i>Guide to Good Food</i> , Goodheart-Willcox Co., <i>ISBN#</i> : 9781683111764	College Hour(s): NA
Prerequisite(s): None HONORS LIFETIME NUTRITION AND WELLNESS T (LNURTWEL T/H)	Tier III HVH24501T
In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.	13024500 Grade level: 10 – 12
Instructional Material: Guide to Good Food, Goodheart-Willcox Co., ISBN#: 9781683111764 Prerequisite(s): None	HS Credit(s): 0.5 College Hour(s): NA <b>Tier II</b>
CAREER PREPARATION GENERAL I AB (CPGEN1)	CP01300 AB
This course must be approved by the CTE Department before use on campus. This course is a paid capstone	12701111
experience for students who have found employment for the school year. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	Grade level: 11 - 12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION GENERAL II AB (CPGEN2)	CP01400 AB
This course must be approved by the CTE Department before use on campus. The Career Preparation II course is for those students who are taking a Career Preparation course for the second time and continue or have new employment during the duration of the course: working ten hours per week (or average of 20 hours across two weeks). This course provides the same opportunities and requirements as the Career Preparation General I course. This is a full year course.	12701112 Grade level: 12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION GENERAL I/EXTENDED I AB (EXCPGEN 1)	CP01302 AB
This course must be approved by the CTE Department before use on campus. This course is a paid capstone experience for students who have found employment for the school year. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for <u>fifteen hours per</u> week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701131 Grade level: 11-12 HS Credit(s): 3
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA

CAREER PREPARATION GENERAL II/EXTENDED (EXCPGEN2)	CP01402 AB
his course must be approved by the CTE Department before use on campus. The Career Preparation I/Extended	12701132
ourse is for those students who are taking a Career Preparation course for the second time and continue or have	Grade level: 12
ew employment during the duration of the course; working fifteen hours per week (or average of 30 hours across	HS Credit(s): 3
wo weeks). This course provides the same opportunities and requirements as the Career Preparation General	
Extended course. This is a full year course	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
<u>rerequisite(s)</u> : None	Tier III
UNDAMENTALS OF COMPUTER SCIENCE AB (TAFCS AB)	2140AB
undamentals of Computer Science is intended as a first course for those students just beginning the study of	03580140
omputer science. Students will learn about the computing tools that are used every day. Students will foster	Grade level: 9
heir creativity and innovation through opportunities to design, implement, and present solutions to real-world	HS Credit(s): 1
problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate	
nformation needed to solve problems. Students will learn the problem-solving and reasoning skills that are the	
oundation of computer science. By using computer science knowledge and skills that support the work of	
ndividuals and groups in solving problems, students will select the technology appropriate for the task,	
ynthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by	
esearching current laws and regulations and by practicing integrity and respect. Students will gain an	
nderstanding of the principles of computer science through the study of technology operations and concepts.	
nstructional Material: Texas - Fundamentals of Computer Science, CodeHS	College Hour(s): NA <b>Tier III</b>
erequisite(s): None	
ONORS FUNDAMENTALS OF COMPUTER SCIENCE AB/H (TAFCS AB/H)	2150AB
n addition to the regular course curriculum, students in this honors course will complete additional projects and	03580140
ctivities related to the program of study.	Grade level: 9 HS Credit(s): 1
nstructional Material: Texas - Fundamentals of Computer Science, CodeHS	College Hour(s): NA
rerequisite(s): None	Tier II
OMPUTER SCIENCE I AB (TACS 1AB)	2151AB
	*WL2151AB
tudents develop a solid foundation in computer terminology and programming, binary and hexadecimal	03580200
umber systems, computer ethics (including copyright laws and privacy), and structured programming and	Grade level: 9 -12
rogramming techniques on personal computers are emphasized. Students will study and write programs	HS Credit(s): 1
tilizing the high- level languages FORTRAN, Pascal, and/ or C++. Students may be awarded one *LOTE credit	
WL2151 AB) or one elective credit (2151 AB) for successful completion of this course.	
nstructional Material: Texas - Computer Science I, CodeHS	College Hour(s): NA
Prerequisite(s) (for those pursuing the course as an elective or following the Computer Science sequence): None	Tier III
Prerequisite(s) (for those following the Cybersecurity sequence): Principles of Information Technology or	
oundations of Cybersecurity	
IONORS COMPUTER SCIENCE I AB/H (TACS 1AB/H)	2141AB
	*WL2141AB
addition to the regular course curriculum, students will complete additional projects and activities related to the	03580200
rogram of study. Students may be awarded one *LOTE credit (WL2141 AB) or one elective credit (2141 AB) for	Grade level: 9 - 12
uccessful completion of this course.	HS Credit(s): 1
Instructional Material: Texas - Computer Science I, CodeHS	College Hour(s): NA
rerequisite(s) (for those pursuing the course as an elective or following the Computer Science sequence): None	Tier II
rerequisite(s) (for those following the Cybersecurity sequence): Principles of Information Technology or	
pundations of Cybersecurity	
COMPUTER SCIENCE II AB (TACS 2AB)	2153AB
	*WL2153AB
omputer Science II will foster students' creativity and innovation by presenting opportunities to design,	03580300
nplement, and present meaningful programs through a variety of media. Students will collaborate with one	Grade level: 10 – 12
nother, their instructor, and various electronic communities to solve the problems presented throughout the	HS Credit(s): 1
purse. Through data analysis, students will identify task requirements, plan search strategies, and use computer	
cience concepts to access, analyze, and evaluate information needed to solve problems. By using computer	
cience concepts to access, analyze, and evaluate information needed to solve problems. By using computer cience knowledge and skills that support the work of individuals and groups in solving problems, students will	
cience concepts to access, analyze, and evaluate information needed to solve problems. By using computer cience knowledge and skills that support the work of individuals and groups in solving problems, students will elect the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. It dents will learn digital citizenship by researching current laws and regulations and by practicing integrity and	
cience concepts to access, analyze, and evaluate information needed to solve problems. By using computer cience knowledge and skills that support the work of individuals and groups in solving problems, students will elect the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results.	
cience concepts to access, analyze, and evaluate information needed to solve problems. By using computer cience knowledge and skills that support the work of individuals and groups in solving problems, students will elect the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. tudents will learn digital citizenship by researching current laws and regulations and by practicing integrity and	
cience concepts to access, analyze, and evaluate information needed to solve problems. By using computer cience knowledge and skills that support the work of individuals and groups in solving problems, students will elect the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. tudents will learn digital citizenship by researching current laws and regulations and by practicing integrity and espect. Students will gain an understanding of computer science through the study of technology operations,	
tience concepts to access, analyze, and evaluate information needed to solve problems. By using computer tience knowledge and skills that support the work of individuals and groups in solving problems, students will elect the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and espect. Students will gain an understanding of computer science through the study of technology operations, rstems, and concepts. The six strands include creativity and innovation; communication and collaboration;	

<u>Instructional Material</u> : : <i>Texas - Computer Science II, CodeHS</i> <u>Prerequisite(s)</u> : Computer Science I	College Hour(s): NA <b>Tier III</b>
HONORS COMPUTER SCIENCE II AB/H (TACS 2AB/H)	2143AB *WL2143AB
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Students may be awarded one *LOTE credit (WL2143 AB) or one elective credit (2143 AB) for successful completion of this course. Instructional Material: : Texas - Computer Science II, CodeHS	03580300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA
Prerequisite(s): Computer Science I	Tier II
AP COMPUTER SCIENCE A AB (APTACSA 1AB, APTACSAL AB, APTACSAM AB)	2142AB *WL2142AB **M2142AB
AP Computer Science A is designed for qualified students in grades 10 - 12 who wish to complete the equivalent of a college introductory course in computer science. The course will focus on programming methodology, and procedural abstraction. It also includes the study of algorithms, data structures, and data abstraction, but covered in less depth than in the Computer Science III AB course. The course follows the College Board AP® Computer Science A Curriculum Framework. Students <b>must</b> be scheduled into two of the following three course numbers for this course: 2142 AB for an elective credit, M2142 AB for a math credit, and WL2142 AB for a LOTE credit. Students will be awarded two credits for successful completion of this course.	A3580120, A3580120, A3580110 Grade level: 10 - 12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials that are approved by the AP College Board. Prerequisite(s): Computer Science I OR Computer Science II OR AP Computer Science Principles	College Hour(s): NA <b>Tier I</b>
OnRamps COMPUTER SCIENCE 1AB (TACS 1 AB OR)	2159AB
Thriving in Our Digital World is a new dual enrollment course that teaches computer science principles, a set of core ideas that shapes the landscape of computer science and its impact on our society. In addition to learning about the magic and beauty of computing, students will acquire essential Texas College and Career Readiness skills, applying critical thinking, problem solving, and communication within a project-based learning framework. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin (UT). Students can earn three hours of UT credit with feedback and assessment provided by UT course staff. OnRamps works through a dual-enrollment model. Using a hybrid delivery approach, students meet rigorous university-level college readiness standards and have the opportunity to earn UT Austin credit from a UT faculty member and high school credit from their local teacher.	A3580300 Grade level: 10 - 12 HS Credit(s): 1
Instructional Material: Selected and provided by the University of Texas at Austin Recommended Prerequisite(s): Algebra II ( <i>preferred</i> ) Prerequisite(s): Algebra I What's Next? NA	College Hour(s): 3 hours <b>Tier I</b>
AP COMPUTER SCIENCE PRINCIPLES AB (APTACS PRIN)	2157AB *WL2157AB
This course introduces students to the foundational ideas of computer science, while providing exposure to computational content, computational thinking skills, creative aspects of the field and their impact on the world. Students will be provided the opportunity to investigate the innovations in other fields of computing while examining the ethical implications of new computing technologies. The course follows the College Board AP® Computer Science Principles Curriculum Framework. Students may be awarded one *LOTE credit (TAWL2157 AB) or one elective credit (TA2157 AB) for successful completion of this course.	A3580300 Grade level: 10 – 12 HS Credit(s): 1
Instructional Material: Contact Career and Technical Education Department for related materials that are approved by the AP College Board <u>Prerequisite(s) (for those pursuing the course as an elective)</u> : None <u>Prerequisite(s) (for those following the Cybersecurity sequence)</u> : Honors PLTW Computer Science Essentials or Foundations of Cybersecurity <u>Prerequisite(s) (for those following the Computer Science sequence)</u> : None	College Hour(s): NA <b>Tier I</b>

Prerequisite(s) (for those following the Computer Science sequence): None



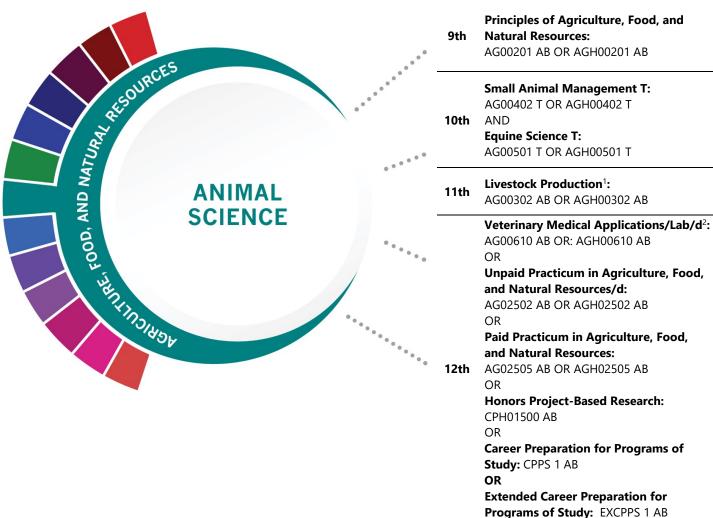
# Agriculture, Food, and Natural Resources

**Animal Science** 

Agricultural Technology and Mechanical Systems

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.

Courses



# Unpaid Practicum in Agriculture, Food, and Natural Resources/d: AG02502 AB OR AGH02502 AB Paid Practicum in Agriculture, Food, and Natural Resources: AG02505 AB OR AGH02505 AB **Honors Project-Based Research: Career Preparation for Programs of** Study: CPPS 1 AB

# **Enrichment Courses:**

- Floral Design<sup>4</sup>: AG01802 AB OR Honors: AGH01802 AB
- Advanced Animal Science: AG00702 AB OR Honors: AGH00702 AB
- Wildlife, Fisheries and Ecology Management: AG01501 AB OR Honors: AGH01501 AB

# Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Feedyard Technician in Cattle Care and Handling<sup>1</sup>; Certified Veterinary Assistant<sup>2</sup>
- Not counted toward Performance Acknowledgment: N/A

# Available at:

• Arlington Heights HS • Diamond Hill-Jarvis HS

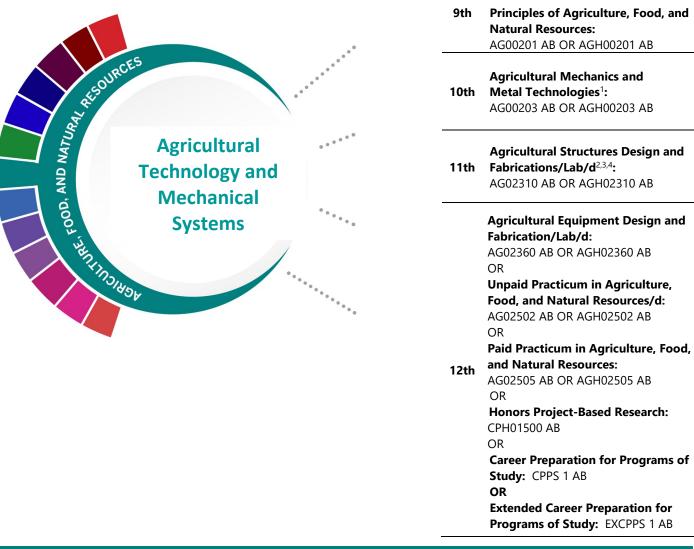
Animal Science program of study focuses on the science, research, and business of animals and other living organisms. It teaches students how to apply biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm or ranch, or any outdoor area harboring animal life. Students may also research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animals.



The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.

Successful completion of the Animal Science program of study will fulfill requirements of a Business and Industry or STEM endorsement if the math and science requirements are met. Revised - July 2020

#### Courses



## Enrichment Courses:

- Floral Design<sup>4</sup>: AG01802 AB OR AGH01802 AB
- Wildlife, Fisheries and Ecology Management: AG01501 AB OR AGH01501 AB

## Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: AWS D1.1 Structural Welding<sup>2</sup>; AWS D9.1 - Sheet Metal<sup>3</sup>; Feedyard Technician in Machinery, Operation, Repair and Maintenance<sup>4</sup>
- Not Counted towards Performance Acknowledgment: OSHA 10-Hour Agriculture Industry Certification<sup>1</sup>
- Available at:
- Arlington Heights HS
- South Hills HS

The Applied Agricultural Engineering program of study explores the occupations and educational opportunities associated with applying knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing agricultural products. This program of study may also include exploration into diagnosing, repairing, or overhauling farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems.



The Agriculture, Food, and Natural Resources (AFNR) Career Cluster® focuses on the essential elements of life—food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

Successful completion of the Applied Agricultural Engineering program of study will fulfill requirements of a Business and Industry or STEM endorsement if the math and science requirements are met. Revised – July 2020

# HS CTE - Page | 11

# **COURSE DESCRIPTIONS FOR AGRICULTURE, FOOD & NATURAL RESOURCES CLASSES**

RINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES AB (PRINAFNR AB)	AG00201AB
rinciples of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills	13000200
egarding career and educational opportunities, personal development, globalization, industry standards, details,	Grade level: 9 - 10
ractices, and expectations	HS Credit(s): 1
nstructional Material: Principles of Agriculture, Food & Natural Resources, Goodheart-Willcox Co.	College Hour(s): NA
<u>rerequisite(s)</u> : None	Tier III
ffered only at: Arlington Heights and Diamond Hill-Jarvis	
IONORS PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES AB PRINAFNR AB/H)	AGH00201AB
addition to the regular course curriculum, students in this honors course will complete additional projects and	13000200
ctivities related to the program of study.	Grade level: 9 – 10
nstructional Material: Principles of Agriculture, Food & Natural Resources, Goodheart-Willcox Co	HS Credit(s): 1
<u>rerequisite(s)</u> : None	College Hour(s): NA
ffered only at: Arlington Heights and Diamond Hill-Jarvis	Tier II
DVANCED ANIMAL SCIENCE AB (ADVANSCI AB)	AG00702AB
dvanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of	13000700
vestock production. Instruction is designed to allow for the application of scientific and technological aspects of	Grade level: 11-12
nimal science through field and laboratory experiences.	HS Credit(s): 1
nstructional Material: ICEV Agricultural Science, CEV Multimedia Ltd.	College Hour(s): NA
rerequisite(s): Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and	Tier III
ither Small Animal Management, Equine Science, or Livestock Production	
ffered only at: Arlington Heights and Diamond Hill-Jarvis	
IONORS ADVANCED ANIMAL SCIENCE AB (ADVANSCI AB/H)	AGH00702AB
addition to the regular course curriculum, students in this honors course will complete additional projects and	13000700
ctivities related to the program of study.	Grade level: 11-12
nstructional Material: ICEV Agricultural Science, CEV Multimedia Ltd.	HS Credit(s): 1
rerequisite(s): Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and	College Hour(s): NA
ither Small Animal Management, Equine Science, or Livestock Production	Tier II
ourse taught by certified in Agriculture and highly qualified or meet HOUSE in science.	
ffered only at: Arlington Heights and Diamond Hill-Jarvis	
QUINE SCIENCE T (EQUINSCI T)	AG00501T
en Equine Science, students will acquire knowledge and skills related to equine animal systems and the equine	13000500
ndustry. Equine Science may address topics related to horses, donkeys, and mules.	Grade level: 10 – 12
nstructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd.	HS Credit(s): 0.5
rerequisite(s): Principles of Agriculture, Food, and Natural Resources	College Hour(s): NA
offered only at: Arlington Heights and Diamond Hill-Jarvis	Tier III
IONORS EQUINE SCIENCE T (EQUINSCI T/H)	AGH00501T
addition to the regular course curriculum, students in this honors course will complete additional projects and	13000500
ctivities related to the program of study.	Grade level: 10 – 12
nstructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd.	HS Credit(s): 0.5
	College Hour(s): NA
rerequisite(s): Principles of Agriculture, Food, and Natural Resources	Tier II
· · · ·	Then in
ffered only at: Arlington Heights and Diamond Hill-Jarvis	AG00302AB
ffered only at: Arlington Heights and Diamond Hill-Jarvis IVESTOCK PRODUCTION AB (LIVEPROD AB)	
Interview       Interview         Interview	AG00302AB
Iffered only at: Arlington Heights and Diamond Hill-Jarvis <b>IVESTOCK PRODUCTION AB (LIVEPROD AB)</b> In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock roduction industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep,	AG00302AB 13000300
Iffered only at: Arlington Heights and Diamond Hill-Jarvis IVESTOCK PRODUCTION AB (LIVEPROD AB) I Livestock Production, students will acquire knowledge and skills related to livestock and the livestock roduction industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, oats, and poultry.	<b>AG00302AB</b> 13000300 Grade level: 10 – 12
Iffered only at: Arlington Heights and Diamond Hill-Jarvis IVESTOCK PRODUCTION AB (LIVEPROD AB) In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock roduction industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, oats, and poultry. Instructional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education	<b>AG00302AB</b> 13000300 Grade level: 10 – 12 HS Credit(s): 1
Iffered only at: Arlington Heights and Diamond Hill-Jarvis         VESTOCK PRODUCTION AB (LIVEPROD AB)         Livestock Production, students will acquire knowledge and skills related to livestock and the livestock roduction industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, pats, and poultry.         structional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education rerequisite(s): Equine Science T or Small Animal Management T	<b>AG00302AB</b> 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA
Iffered only at: Arlington Heights and Diamond Hill-Jarvis         VESTOCK PRODUCTION AB (LIVEPROD AB)         Livestock Production, students will acquire knowledge and skills related to livestock and the livestock         roduction industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, obats, and poultry.         structional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education         erequisite(s): Equine Science T or Small Animal Management T         ffered only at: Arlington Heights and Diamond Hill-Jarvis	AG00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA Tier III
In the second	<b>AG00302AB</b> 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA
Iffered only at: Arlington Heights and Diamond Hill-Jarvis         VESTOCK PRODUCTION AB (LIVEPROD AB)         Livestock Production, students will acquire knowledge and skills related to livestock and the livestock         roduction industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, bats, and poultry.         structional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education         rerequisite(s): Equine Science T or Small Animal Management T         ffered only at: Arlington Heights and Diamond Hill-Jarvis         ONORS LIVESTOCK PRODUCTION AB (LIVEPROD AB/H)         addition to the regular course curriculum, students in this honors course will complete additional projects and	AG00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA Tier III AGH00302AB 13000300
Interfered only at: Arlington Heights and Diamond Hill-Jarvis         INVESTOCK PRODUCTION AB (LIVEPROD AB)         In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock roduction industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, oats, and poultry.         Instructional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education rerequisite(s): Equine Science T or Small Animal Management T         Iffered only at: Arlington Heights and Diamond Hill-Jarvis         IONORS LIVESTOCK PRODUCTION AB (LIVEPROD AB/H)         In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study.	AG00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA Tier III AGH00302AB 13000300 Grade level: 10 – 12
ffered only at: Arlington Heights and Diamond Hill-Jarvis         IVESTOCK PRODUCTION AB (LIVEPROD AB)         a Livestock Production, students will acquire knowledge and skills related to livestock and the livestock roduction industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, oats, and poultry.         astructional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education rerequisite(s): Equine Science T or Small Animal Management T ffered only at: Arlington Heights and Diamond Hill-Jarvis         ONORS LIVESTOCK PRODUCTION AB (LIVEPROD AB/H)         addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study.         Istructional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education	AG00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA Tier III AGH00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1
Offered only at: Arlington Heights and Diamond Hill-Jarvis         IVESTOCK PRODUCTION AB (LIVEPROD AB)         In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock roduction industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, oats, and poultry.         Instructional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education         rerequisite(s): Equine Science T or Small Animal Management T         Offered only at: Arlington Heights and Diamond Hill-Jarvis         IONORS LIVESTOCK PRODUCTION AB (LIVEPROD AB/H)         In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study.         Instructional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education         rerequisite(s): Equine Science T or Small Animal Management T	AG00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA Tier III AGH00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA
IVESTOCK PRODUCTION AB (LIVEPROD AB) IN Livestock Production, students will acquire knowledge and skills related to livestock and the livestock roduction industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, oats, and poultry. Instructional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education rerequisite(s): Equine Science T or Small Animal Management T Infered only at: Arlington Heights and Diamond Hill-Jarvis IONORS LIVESTOCK PRODUCTION AB (LIVEPROD AB/H) In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study. Instructional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education rerequisite(s): Equine Science T or Small Animal Management T Infered only at: Arlington Heights and Diamond Hill-Jarvis IONORS LIVESTOCK PRODUCTION AB (LIVEPROD AB/H) In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study. Instructional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education rerequisite(s): Equine Science T or Small Animal Management T Infered only at: Arlington Heights and Diamond Hill-Jarvis	AG00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA Tier III AGH00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA Tier II
Iffered only at: Arlington Heights and Diamond Hill-Jarvis         IVESTOCK PRODUCTION AB (LIVEPROD AB)         Livestock Production, students will acquire knowledge and skills related to livestock and the livestock         roduction industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, bats, and poultry.         structional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education         rerequisite(s):       Equine Science T or Small Animal Management T         ffered only at: Arlington Heights and Diamond Hill-Jarvis         ONORS LIVESTOCK PRODUCTION AB (LIVEPROD AB/H)         addition to the regular course curriculum, students in this honors course will complete additional projects and crivities related to the program of study.         structional Material: Introduction to Livestock & Companion Animals 5e, Pearson Education         rerequisite(s): Equine Science T or Small Animal Management T         ffered only at: Arlington Heights and Diamond Hill-Jarvis         Material: Introduction to Livestock & Companion Animals 5e, Pearson Education         rerequisite(s): Equine Science T or Small Animal Management T         ffered only at: Arlington Heights and Diamond Hill-Jarvis         MALL ANIMAL MANAGEMENT T (SMANIMGT T)	AG00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA Tier III AGH00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA Tier II AG00402T
In the second s	AG00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA Tier III AGH00302AB 13000300 Grade level: 10 – 12 HS Credit(s): 1 College Hour(s): NA Tier II

Instructional Material / CEV Agricultured Science Site. (LY Multimedia Ut.) Prenuisities: Princips of Agriculture, Food, and Natural Resources Offered only at Arington Heights and Diamond Hill saves Provide at Arington Heights and Diamond Hill saves Instructional Animata Management Food, and Natural Resources Conseq Microard Provides Agricultured Science Site. (LY Multimedia Ut.) Presenter, Instructured and Activities related to the program of study. Instructional Material: PCPV Agricultured Science Site. (LY Multimedia Ut.) Presentational Provides Agricultured Science Site. (LY Multimedia Ut.) Presentational Material: PCPV Agricultured Science Site. (LY Multimedia Ut.) Presentational: Provide Science Site. (LY Multimedia Ut.) Presentational: PCPV Agriculture Science Site. (LY Multimedia Ut.) Presentational: Provide Science Site. (LY Multimedia Ut.) Presentational: PCPV Agriculture Science Site. (LY Multimedia Ut.) Presentational: Provide Science Site. (LY Multimedia Ut.) Presentational: PCPV Agriculture Science Site. (LY Multimedia Ut.) Presentational: Presentation of Presentation o		
Prementinging Principles of Agriculture, Food, and Natural Resources         Tier II           Offerd only at Artington Heights and Diamond HIII-Arusis         AGH00402T           HONORS SMALL ANIMAL MANAGEMENT T (SMANIMGE T/H)         13000400           research, Integration of applications to increase productivity in animal husbandry, and problem solving in other advanced livestocy production processes. In addition to the regular course curriculum, students in this honors         Calley Houris; NA           Titratcianal Alternity Food Agriculture, Food, and Natural Resources         Calley Houris; NA           Titratcianal Alternity Food Agriculture, Food, and Natural Resources         1300010           Offered only at Artington Heights and Diamond HIII-Arusis         AG00010AB           VETERINARY MEDICAL APPLICATIONS/LAB/D AB (VETMEDLAB AB)         College Houris; NA           Vetrainsy Medical Applications: cover topics relating veterinary practices including proteins: for prepare for access, students meed opportunities to preparation for an industry certification, the workforce and/or higher education in this field.         1300010           Titratcianal Material Food Covers, Carl Waltimedia Ltd.         Callege Houris: NA           Dereguing Linkings Mathematical Bornand HIII-Arusis         Callege Houris: NA           HONORS VETERINARY MEDICAL APPLICATIONS/LAB/D AB (VETMEDLAB AB/H)         Gade Strutter           Indiction to the regular course curriculum, curiculum enhancements for the honors course includue wolin an industry explace course curriculum, curiculum appli	Instructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd.	College Hour(s): NA
Offered only at Arington Heights and Diamond Hill-larvis         AGH00402T           In addition to the regular course curriculum, curriculum enhancements for the honors course include web escarts, hiergranton of applications to increases producity in animal husbandry, and problem onlowing in other advanced livestock production processes, in addition to the regular course curriculum, students in this honors course will complete additional protects and activities related to the program of study.         College Hourits: N.C.           Instructional Material, ICEV Aqricultural Science Site, CEV Multimedia Ltd.         College Hourits: N.A.           Offered only at Arington Heights and Diamond Hill-larvis         AG00510AB           Veterinany Medical Applications covers topics relating to veterinary practices, including practices for large and anilla anice science students ad bioarchary advice field desperience opportunities to learn, reinforce, apple, and transfer caudemic knowledge and stells in a variety of settings in preparation for an industry certification, the workfore adular to interess diffic field         College Hourits: N.A.           Instructional Material / CEV Aquircultural Science Size, CEV Multimedia Ltd.         College Hourits: N.A.         College Hourits: N.A.           Offered only at Arington Heights and Diamonal Mil-larvis         HOOROS VETERINARY MEDICAL APPLICATIONS/LAE/D AE (VETMEDLAB AE/H)         AG00610AB           Instructional Material / CEV Aquirolitural Science Size, CEV Multimedia Ltd.         College Hourits: N.A.         Ter III           Offered only at Arington Heights and Diamona Hil-larvis         AG00610AB         13000500	Prerequisite(s): Principles of Agriculture, Food, and Natural Resources	Tier III
HONORS SMALL ANIMAL MANAGEMENT 1 (SMANIMGT T/H)         AGH002T           in addution to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase productivity in animal husbandry, and problem solving in other advanced livestoch production process in addition to the regular course curriculum, students in this honors         ISO0400 Grade level to -12.           instructional Material, ICEV Apriculture, Food, and Natural Resources         College Hourity: NA Tier II         College Hourity: NA Tier II           Vetteriany Metch Applications cover topics relating to thermany proteins in this honors         ISO0610A         Scale Vetteriany Vetteriany Metch Applications cover topics relating to veteriany practicities in during proteins and industry certification, the workforce and/or higher education in this field.         ISO0610A           Scale Vetteriany Metch Applications cover topics relating to technical spatial small animal species. This course provides students meld scales.         College Hourity: NA Tier III           Metch Applications cover topics relating to technical spatial in a variety of settings in preparation for an industry certification, the workforce and/or higher education in this field.         College Hourity: NA Tier III           Metch Applications cover and/or higher education in this field.         College Hourity: NA Tier III           Metch Cover and/or higher education to the research, integration of applications to increase skills in basic handling of animals and administration of medicine and and transe topical scale		
in addition to the regular course curriculum, curriculum enhancements for the honors course include webe advanced livestock production processes. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study. Instructional Material: ICEV Apricultural Science Ste. CPI Multimedia Ltd. Peresulatisty: Intel Parkington Hell Aprice Stee. CPI Multimedia Ltd. Peresulatisty: Stee Markington Hell Aprice Stee. CPI Multimedia Ltd. Peresulatisty: Stee Markington Hell Aprice Stee. CPI Multimedia Ltd. Peresulatisty: Steemant Aprice Tapica Aprice Apr		AGH00402T
research, integration of applications to increase productivity in a nimel husbandry, and problem solving in other advanced livescole production process, in addition to the regular course curviculum, students in this honors course will complete additional projects and activities related to the program of study. Instructional Material (EVE Agriculture, Food, and Natural Resources Offeed only at Artification Heights and Diamond Hill-Moris VETERINARY MEDICAL APPLICATIONS/LAB/D AB (VETMEDLAB AB) VETERINARY MEDICAL APPLICATIONS/LAB/D AB (VETMEDLAB AB/H) Instructional Material (FEV Agricultura) Science Size (EV Multimedia Ltd. Distructional Material (FEV Agricultura) Science Size (EV Multimedia Ltd. Distruct		
advanced livestock production processes. In addition to the regular course curriculum, students in this honors Instructional Material: (C2V Agricultural Science Site, CEV Multimedia Ltd. Perenajitatics): Principles of Agriculture, Food, and Natural Resources Offered only cit. Addington Heights and Diamond Hill-Jarvis VETERINARY MEDICAL APPLICATIONS/LAB/OA BU (VETEDLAB AB) Veterinary Medical Applications covers topic relating to veterinary practices, including practices for large and inality appet studies. This course provides students and Jaboratory and/vorkedge and skills that meet reinforce, apply, and transfer academic knowledge and technical skills in a variety of settings in preparation for an industry certification, the workforce and/or higher and ecuacion in this field. Distructional Material: (C2V Agriculture) Science Site, CEV Multimedia Ltd. Offered only cit. Adrington Heights and Diamond Hill-Jarvis Offered only cit. Adrington Heights Offered only cit. Adrington Heights Offered only cit. Adrington He		
course will complete additional projects and activities related to the program of study. Instructional Material' (CPV Apriculture, Food, and Natural Resources Office and yst - Athington Heights and Diamond Hill - Anvis OFTERNARY MEDICAL APPLICATIONS/LAB/D AB (VETMEDLAB AB) College Hour(s): NA Ter II 1000510 Stretinary Medical Applications covere topics relating to veterinary practices, including practices for large and and the level. 11-12 History and the international and the streting of the streting of the streting in the workforce and yor higher education in this field. Instructional Material: CPV Aprintment Science Stret CPV Multimedia Ltd. Program of study. Defined only at Addington Frequence Covered and technical skiels in a variety of settings in preparation for an industry certification, the workforce and/or figure science CPV Multimedia Ltd. Defined only at Addington Frequence Covered and technical skiels in a variety of settings in preparation for an industry certification in the workforce and/or figure science CPV Multimedia Ltd. Defined only at Addington Frequence CVP Multimedia Ltd. Defined only at Addington Frequence CVP Multimedia Ltd. Defined only at Addington Frequence Addingt approxemation of animals and administration of medicines and problem solving in other advanced veterinary applications. In addition to the regular course curriculum, students in this hons course will complete additional projects and activities related to the program of study. WILDLEFF, FISHERIES AND ECOLOGY MANACEMENT AB (WFECCT AB) WILDLEFF, FISHERIES AND ECOLOGY MANACEMENT AB (WFECCT AB) WILDLEFF, FISHERIES AND ECOLOGY MANACEMENT AB (WFECCT AB) WILDLIFF, FISHE		
Instructional Material: <i>CEV Apriculture</i> , Food, and Natral Resources <i>Offered only at Athington Heights and Diamond Hill-larvis VETERINARY MEDICAL APPLICATIONS/LARD AS (VETMEDLAB AB) Association of the approximate structure</i> , Food, and Natral Resources <i>Offered only at Athington Heights and Diamond Hill-larvis VETERINARY MEDICAL APPLICATIONS/LARD AS (VETMEDLAB AB) Association of the approximate structure</i> , and and analural resources, students meed opportunitive to learn, reinforce, apply, and transfer actaentic knowledge and technical sistils in a variety of settings in preparation for an industry certification, the workforce and/or figure Science <i>Tert III Tert III College Hour(S)</i> : NA <i>Tert III Tert </i>		HS Credit(S): 0.5
Precequizities:         Principles of Agriculture, Food, and Natural Resources         Ter II           Offered only at Antingon Heights and Diamond Mill-lamis         4300610.           Veterinary Medical Applications covers topics relating to veterinary practices for large and species. This course provides students a laboratory and/or field experience opportunity. To prepare for careers in agriculture, food, and natural resources, students must acquire knowledge and skills that meet entry requirement and industry certification. the workforce and/or higher elocation in the field.         1300610           Instructional Material, FCAV Agricultural Science Site. CEV Multimedia Ltd.         College Hour(s): NA           Exerciptication to the workforce and/or higher declaration in the field.         Ter III           Offered only at Artington Heights and Diamond Hill-Javis         AGH00610AB           Honoss VetterINNARY MEDICAL APPLICATIONS/LAS/D AB (VETMEDLAB AB/H)         AGH00610AB           In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase skills in basic handling of aninats and administration of medicines and medical procedures. and problem solving in other advanced veterinary applications. In addition to the regular course curriculum, studental Hill Arvis         College Hour(s): NA Ter II           Milder, Briberies and Dicology Management and/or Equine Science         Grade level: 11-12.           Miscriculum Science Site, CEV Multimedia Ltd.         College Hour(s): NA Ter III           Presequisite(S): Small Aninal Management		
Operation of yet: Attington Heights and Diamond Hill-Jan's         AG0610AB           VETERINARY WEDICAL APPLICATIONS/LARD/DA & (VETMEDLAB AB)         AG0610AB           yeterinary Medical Applications covers topics relating to veterinary practices, including practices of hir orge and annual resources, students and activity expectations. To prepare for success, students meed opportunities to learn, reinforce, apply, and transfer academic knowledge and detunical sitis is a variety of settings in preparation for an industry certification, the workforce and/or figure 6/2000 in this field.         College Hour(s): NA           Timutcional Material, CCV Agricultural Science Stre, CEV Multimedia Ltd.         College Hour(s): NA           Presequitation of applications to increase setting in basic handling of animals and administration of medicines and medical processor includure. Wetrine Paratice Stree CEV Multimedia Ltd.         College Hour(s): NA           Tere guitar course curriculum, students in this honors course include web         Task Cite Multimedia Ltd.         College Hour(s): NA           Tere guitar course curriculum, students in this honors course will complete additional projects and activities related to the pregram of study.         Tere III         Science           MILDLIFE, FISHERIS AND ECOLOGY MANAGEMENT AB (WEECGT AB)         AG01501AB         Time III           Millional Material, ICEV Agriculture Resources Monogement, Cengage Learning Inc.         College Hour(s): NA         Tere III           Millional Material, ICEV Agriculture Resources Monogement, Cengage Learning Inc.         College Hour(s): NA <t< td=""><td></td><td>-</td></t<>		-
VETERINARY MEDICAL APPLICATIONS/LAG/D AS (VETMEDLAS AB)         AG00610AB           veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species. This course provides students a laboratory and/or field experience opportunity. To prepare ther sequements and industry expectations. To prepare for success, students meed opportunities to learn, reinforce, apply, and transfer academic knowledge and skills in a variety of settings in preparation for an industry certification, the workforce and/or higher education in the field.         College Hour(s): NA Treature integration in the integration of the integration of an integratic administration of medicines.           Instructional Material: ICEV Agricultural Science Site CEV Multimedia Ltd.         College Hour(s): NA Treature integration of applications to increase skills in basis chandling of animals and administration of medicines and medical procedures, and problem solving in other advanced veterinary applications. In addition to the regular course curriculum, students in basis chandling of animals and administration of medicines and medical procedures, and problem solving in other advanced veterinary applications. In addition to the regular course curriculum, student advances Site. CEV Multimedia Ltd.         College Hour(s): NA Tre II           Instructional Material: ICEV Agricultural Science Site. CEV Multimedia Ltd.         College Hour(s): NA Tre II         College Hour(s): NA Tre II           Instructional Material: Wildly & Natural Resources Management of agree and non-game wildlife species. Tris II         Science         College Hour(s): NA Tre II           Instructional Material: Wildly & Natural Resources Management advice spice and skills in a varies		l ier ll
Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small avinal Species. This course provides students a laboratory and/or field experience opportunity for prepare for areness in agriculture, food, and natural resources, students must acquire knowledge and skills that meet entry requirements and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer academic knowledge and technical skills in a variety of settings in preparation for an industry certification, the workforce and/or higher education in this field.         College Hour(s): NA Teer III           College Hour(s): NA Teer III         College Hour(s): NA Teer III         College Hour(s): NA Teer III           HONORS VETERINARY MEDICAL APPLICATIONS/LAB/D AB (VETMEDLAB AB/H)         AGH00610AB           In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase skills in basic handling of animals and administration of medicines and medical procedures, and problem solving in other advanced veterianary applications. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.         College Hour(s): NA Teer III           Instructional Material / CEV Agricultural Science Ste, CEV Multimedia Ltd. Treersultisets: Small Animal Management and/or Equine Science Offered only ct. Aningon Heights and Diamond Hill-orist         College Hour(s): NA Teer II           WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB)         AG01501AB           Mildiffe, Etherine, and Cology Anangement examines the management of		
small animal species. This course provides students a laboratory and/or field experience opportunity. To prepare for careers in agriculture, food, and hardur resources, students need opportunities to learn, reinforce, apply, and transfer academic knowledge and exhicit as labilits in a variety of settings in preparation for an industry certification, the workforce and/or higher education in this field. Instructional Material: <i>ICV Apricultural Science</i> Struct CV Multimedia Ltd. <i>Trateguistics</i> : Small Animal Management and/or Equine Science Offered only at: Artington Heights and Diamond Hill-Jamis Offered only at: Artington Heights and Diamond Hill-Jamis The search, intergration of applications to increase skills hasks handling of animals and administration of needicines and medical procedures, and problem solving in other advanced veterinary applications. In addition to the regular course curiculum, students in this hones: course will complete additional projects and artivities related to the program of study. Instructional Material? ICCV Apricultural Science Site, CEV Multimedia Ltd. Prerequisiteds: Small Animal Management and/or Equine Science Offered only at: Artington Heights and Diamond Hill-Jamis <b>WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB)</b> <b>AG01501B</b> This, and aqua corps and their ecological needs as related to current applications. To prepare for science, students need opportunities to learn, reinforce. apply, and transfer their knowledge and skills in a variety of settings. Instructional Material: Wildlife & Natural Resources Management. Gengage Learning Inc. Terr II Offered only at: Artington Heights <b>HONOS VILLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H)</b> <b>HONOS VILLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H)</b> <b>HONOS VILLIFE, FISHERIES AN</b>		AG00610AB
for carees in agriculture, food, and natural resources, students most acquire knowledge and skills that meet entry requirements and industry certification, the workforce and/or higher education in this field. Instructional Material; ICEV Agricultural Science Site, CEV Multimedia Ltd. Erzessualistics: Small Animal Management and/or Equine Science Operad only et. Adhington Heights and Diamond Hill-Arrisis HONORS VETERINARY MEDICAL APPLICATIONS/LAB/D AB (VETMEDIAB AB/H) In addition to the regular course curriculum, environulum enhancements for the honors course include web research, integration of applications to increase skills in basis handling of animals and administration of medicines and medical proceedures, and problems solving in other advanced veterinary applications. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study. Enzequisites: Small Animal Management and/or Equine Science Offend only et. Advington Heights and Diamond Hill-Arrisis WILDLIFF, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB) WILDLIFF, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AG01500 Grade level: 10 - 12 HSC credit(S): 1 HSTractional Material; Wildlife & Natural Resources Mildlife, Fisheries AND ecological needs as related to current agricultural practices. To prepare for seccess, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variet HORORS WILDLIFF, FISHERIES AND ECOLOGY MANAGEMENT AB (WFE		13000610
entry requirements and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer academic knowledge and technical skills in a variety of settings in preparation for an industry certification, the workforce and/or tiquine Science Site. CEV Multimedia Ltd. College Hour(s): NA Teresulatics: Small Animal Management and/or Equine Science Site. CEV Multimedia Ltd. College Hour(s): NA Teresculatics: Small Animal Management and/or Equine Science Site. CEV Multimedia Ltd. College Hour(s): NA Teresculatics: Small Animal Management and/or Equine Science Site. Small Animal Management and/or Equine Science Site. Small Animal Management and/or Equine Science Site College Hour(s): NA Teresculatics: Small Animal Management and/or Equine Science Site. Small Animal Management and/or Equine Science Small Animal Management and approximal Material Wildlife & Natural Resources Management and aquaculture production, and Science Small Animal Management and approximal Small Animal Management and approximal Small Animal Managemen	small animal species. This course provides students a laboratory and/or field experience opportunity. To prepare	Grade level: 11-12
reinforce, apply, and transfer academic knowledge and technical skills in a variety of settings in preparation for an industry certification, the workforce and/or higher education in this field. Instructional Material ICEV Agricultural Science Site, CEV Multimedia Ltd. Teresulisticals: Small Animal Management and/or Equine Science HONORS VETERINARY MEDICAL APPLICATIONS/LAB/D AB (VETMEDLAB AB/H) AGHO0610AB 1 addition to the regular course curriculum, enhancements for the honors course include web 1 research, integration of applications to increase skills in basic handling of animals and administration of medicine and medical procedures, and problem solving in other advanced veterinary applications. In addition to the regular course curriculum, entural to ther advanced veterinary applications. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study. Entructional Material ICEV Agricultural Science Site, CEV Multimedia Ltd. Prerequisiteds: Small Animal Management and/or Equine Science Mildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species. Site, and au crops and their ecological needs as related to current agricultural practices. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. HONORS WILLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) Instructional Material Wildlife & Natural Resources Management. Cengage Learning Inc. Prerequisite(s): Principles of Agriculture, Food, and Natural Resources Offered only at: Advington Heights HONORS WILLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) Individual the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study. Instructional Material Wildlife & Natural Resources Offered only at: Advington Heights HONORS WIL	for careers in agriculture, food, and natural resources, students must acquire knowledge and skills that meet	HS Credit(s): 2
an industy certification, the workforce and/or higher education in this field. Instructional Material (EVX productum) Science Stite CEV Multimedia Ltd. College Hour(s): NA Tier III HONORS VETERINARY MEDICAL APPLICATIONS/LAB/D AB (VETMEDLAB AB/H) In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase stellet of curriculum enhancements for the honors course includes the set of the low of study. Instructional Material (EVX privational Materials Privations) and Aministrational Privations of the low of study. Instructional Materials (EVX privational Science Stellet CIV Multimedia Ltd. Presequisited): Small Animal Management and/or Equine Science Tier II Offered only at Arlington Heights and Diamond Hill-arvis MULDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB) Mildlife, Fisheries, and Ecologi, Management examines the management of game and non-game wildlife species, fish, and aquic cological needs a releated to curre agricultural practices. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. HONORS WILDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB) AGENTSONA Middlife & Natural Resources Management, Cengage Learning Inc. Presequisited): Principles of Agriculture, Food, and Natural Resources Tier III HONORS WILDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AGENTSONA AGENTSONA Fister III HONORS WILDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AGENTSONA AGENTSONA Fister III HONORS WILDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AGENTSONA Fister III HONORS WILDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AGENTSONA Fister III HONORS WILDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AGENTSONA Fister III HONORS WILDIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AGENTSONA Fister III HONORS WILDIFE, FISHERIES AND ECOLOGY	entry requirements and industry expectations. To prepare for success, students need opportunities to learn,	
an industy certification, the workforce and/or higher education in this field. Instructional Material (EVX productum) Science Stite CEV Multimedia Ltd. College Hour(s): NA Tier III HONORS VETERINARY MEDICAL APPLICATIONS/LAB/D AB (VETMEDLAB AB/H) In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase stellet of curriculum enhancements for the honors course includes the set of the low of study. Instructional Material (EVX privational Materials Privations) and Aministrational Privations of the low of study. Instructional Materials (EVX privational Science Stellet CIV Multimedia Ltd. Presequisited): Small Animal Management and/or Equine Science Tier II Offered only at Arlington Heights and Diamond Hill-arvis MULDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB) Mildlife, Fisheries, and Ecologi, Management examines the management of game and non-game wildlife species, fish, and aquic cological needs a releated to curre agricultural practices. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. HONORS WILDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB) AGENTSONA Middlife & Natural Resources Management, Cengage Learning Inc. Presequisited): Principles of Agriculture, Food, and Natural Resources Tier III HONORS WILDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AGENTSONA AGENTSONA Fister III HONORS WILDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AGENTSONA AGENTSONA Fister III HONORS WILDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AGENTSONA Fister III HONORS WILDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AGENTSONA Fister III HONORS WILDILFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AGENTSONA Fister III HONORS WILDIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) AGENTSONA Fister III HONORS WILDIFE, FISHERIES AND ECOLOGY		
Instructional Material: CR2V Agricultural Science Site. CRV Multimedia Ltd.         College Hour(s): NA           Deresquisite(s): Smal Aninal Management and/or Equine Science         Tier III           In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase skills in basic handling of animals and administration of mediations to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.         College Hour(s): NA           Instructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd.         College Hour(s): NA           Prerequisted: Small Animal Management and/or Equine Science         Tier II           WILDUFF, FISHERIES AND ECOLOCY MANAGEMENT AB (WFECGT AB)         AG01501AB           WILDUFF, FISHERIES AND ECOLOCY MANAGEMENT AB (WFECGT AB)         AG01501AB           Viscess, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of setting.         College Hour(s): NA           Treerquistics(): 1         rist III         Scredit(s): 1         Scredit(s): 1           Offered only at Artington Heights         AG01501AB         Scredit(s): 1         Scredit(s): 1           Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.         College Hour(s): NA         Tier III           Offered only at Artington Heights         AG01501AB         Scredit(s): 1         <		
Persensitietics:         Small Animal Management and/or Equine Science         Tier II           Offered only at Arlington Heights and Diamond Hill-Jarvis         AGH00610AB         13000610           In addition to the regular course curriculum, curriculum enhancements for the honors course include web         130005010           and medical procedures, and problem solving in other advanced veterinary applications. In addition to the regular course curriculur, students in this honors course will complete additional projects and activities related to the program of study.         College Hour(s): NA           Instructional Material: /CEV Agricultural Science Site, CEV Multimedia Ltd.         College Hour(s): NA           Terreulities, Small Animal Management and/or Equine Science         Tier II           Offered only at Arlington Heights and Diamond Hill-Jarvis         MGIDIEF, FISHERIES AND ECOLOCY MANAGEMENT AB (WFECGT AB)         AG01501AB           Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species, fish, ad qua crops and their ecological needs as related to current agricultural practices. To prepare for Grade level: 10 - 12         HS Credit(s): 1           Instructional Material: Wildlife & Natural Resources         Tier III           Offered only at Arlington Heights         Additon to the regular course curriculum, curriculum enhancements for the honors course include web         Tier III           HONORS WIDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H)         AdH01501AB         13001500		College Hour(s): NA
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HONORS VETERINARY MEDICAL APPLICATIONS/LAB/D AB (VETMEDLAB AB/H)       AGH00610AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13006010         esearch, integration of applications to increase skills in basic handling of animals and administration of medicines       13006010         and medical procedures, and problem solving in other advanced veterinary applications. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.       College Hour(s): NA         Instructional Material; <i>ICEV Agricultural Science Site</i> , CEV Multimedia Ltd.       College Hour(s): NA         Tregreguistics]: Small Animal Management and/or Equine Science       Ter II         Offered only at Arlington Heights and Diamond Hill-Jarvis       AG01501AB         Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for grade level: 10 - 12       HS Credit(s): 1         Instructional Material; Wildlife & Natural Resources       College Hour(s): NA       Ter III         Offered only at Arlington Heights       Molatural Resources       Ter III       13001500         Honors vulceus et additional projects and activities related to the program of study.       Grade level: 11 - 12       HS Credit(s): 1         Instactional Material; Wildlife & Natural Resources       Grad	•	
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regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study. Instructional Material: <i>ICEV Agricultural Science Site</i> , CEV Multimedia Ltd. Prerequisite(s): Small Animal Management and/or Equine Science of <i>Grade level</i> : 17 - 12 <i>MIDLIFE</i> , FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB) MIDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT CAB) MIDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB) MIDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) HONGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORGS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) MORG WILD AT A diftion a drawater and advalution a drawater and advalution a drawater and advalutio		
to the program of study.       College Hour(s): NA         Instructional Material: <i>ICEV Agricultural Science Site</i> , CEV Multimedia Ltd.       College Hour(s): NA         Prerequisite(s): Small Animal Management and/or Equine Science       Tier II         WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB)       AG01501AB         Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species, issued and ava crops and their ecological needs as related to current agricultural practices. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety       13001500         Grade level: 10 - 12       HS Credit(s): 1       College Hour(s): NA         Prerequisite(s): Principles of Agriculture, Food, and Natural Resources       College Hour(s): NA         Tier III       Offered only at: Arlington Heights       AGH01501AB         HoNORS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H)       AGH01501AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001500         Grade level: 11 - 12       HS Credit(s): 1       College Hour(s): NA         Tier II       Differed only at: Arlington Heights       AGH01501AB         Honors course will complete additional projects and activities related to the program of study.       Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA <td></td> <td>HS Clean(s). 2</td>		HS Clean(s). 2
Instructional Material; /CFV Apricultural Science Ster, CEV Multimedia Ltd.         College Hour(s): NA Tier II           Prerequisite(s): Small Animal Management and/or Equine Science         Tier II           Offered only at: Artington Heights and Diamond Hill-Jarvis         AG01501AB           WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB)         AG01501AB           Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for settings.         13001500           Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.         College Hour(s): NA Tier III           Offered only at: Artington Heights         AGH01501AB           HONORS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H)         AGH01501AB           In addition to the regular course curriculum, curriculum enhancements for the honors course include web freeardon, integration of applications to increase productivity in wildlife management and aquaculture production, and problem solving with habitat management. In addition to the regular course curriculum, vultants resources <i>Offered only at: Artington Heights</i> College Hour(s): NA Tier II           FLORAL DESIGN AB (FLORAL AB)         AG01802AB         13001800           Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic	• · · · · ·	
Prerequisite(s): Small Animal Management and/or Equine Science         Tier II           Offered only at: Artington Heights and Diamond Hill-Jarvis         AG01501AB           WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB)         AG01501AB           Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for of settings.         13001500           Instructional Material; Wildlife & Natural Resources Management, Cengage Learning Inc.         College Hour(s): NA           Prerequisite(s): Principles of Agriculture, Food, and Natural Resources         Tier III           Offered only at: Arlington Heights         AG01501AB           In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase productivity in wildlife management and aquaculture production, and problem solving with habitat management. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.         College Hour(s): NA           Instructional Material; Wildlife & Natural Resources Management, Cengage Learning Inc.         College Hour(s): NA           Prerequisite(s): Principles of Agriculture, Food, and Natural Resources         13001500           Grade level; Principles of Agriculture, Food, and Natural Resources         College Hour(s): NA           Prerequisite(s): Principles of Agriculture,		
Offered only at: Arlington Heights and Diamond Hill-Jarvis       AG01501AB         WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB)       AG01501AB         Wildlife, Fishteries, and Ecology Management examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for settings.       I3301500         Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA Terrequisite(s): Principles of Agriculture, Food, and Natural Resources       College Hour(s): NA Tier III         PMOROS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H)       AGH01501AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase productivity in wildlife management and aquaculture production, and problem solving with habitat management. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.       College Hour(s): NA Tier II         Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA Tier II         Prerequisite(s): Principles of Agriculture, Food, and Natural Resources and activities related to the program of study.       Instructional Material: Wildlife & Natural Resources Management of floral enterpines.       Thorught Heights         Florad Design is designed to develop students' ability to identify and demonstrate the principles and texin(s): 1       13001800		-
WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB)         AG01501AB           Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species, fish, and aque crops and their ecological needs as related to current agricultural practices. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.         13001500 Grade level: 10 - 12 HS Credit(s): 1           Instructional Material; Wildlife & Natural Resources Management, Cengage Learning Inc. Prerequisite(s): Principles of Agriculture, Food, and Natural Resources         College Hour(s): NA Tier III           MONORS WULDIFF, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H)         AGH01501AB           In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase productivity in wildlife management and aquaculture production, and problem solving with habitat management. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.         College Hour(s): NA Tier II           Instructional Material: Wildlife & Natural Resources Offered only at: Arlington Heights         Tier II         13001800           Flora Design is designed to develop an understanding of the management of floral enterprises. Through related to floral design as well as develop an understanding of the management of floral enterprises. Through related to floral design as well as develop an understanding of the management of floral enterprises. Through related to floral design as well as develop an understanding of the management of flo		lier II
Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species,       13001500         fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for       Grade level: 10 - 12         success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety       HS Credit(s): 1         Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA         Prerequisite(s): Principles of Agriculture, Food, and Natural Resources       Tier III         Offered only at: Arlington Heights       AGH01501AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       Grade level: 11 - 12         nd problem solving with habitat management. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.       College Hour(s): NA         Trerequisite(s): Principles of Agriculture, Food, and Natural Resources       College Hour(s): NA         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral design as well as develop an understanding of the management of floral design as well as develop an understanding of the analysics precet for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skil		
fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.       Grade level: 10 - 12         Instructional Material; Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA         Prerequisite(5): Principles of Agriculture, Food, and Natural Resources       College Hour(s): NA         Tier III       MONORS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H)       AGH01501AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase productivity in wildlife management and aquaculture production, and problem solving with habitat management. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.       College Hour(s): NA         Instructional Material; Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA         Prerequisite(s): Principles of Agriculture, Food, and Natural Resources       Tier II         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques elated to final designs, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the develop and understanding of the management of floral enterprises. Through edvelop method is and Diamond Hill-Jarvis       College Hour(s): NA		
success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. HS Credit(s): 1 of settings. College Hour(s): NA Trerequisite(s): Principles of Agriculture, Food, and Natural Resources Tier III Offered only at: Artington Heights HADNORS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H) In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase productivity in wildlife management and aquaculture production, and problem solving with habitat management. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study. Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc. Prerequisite(s): Principles of Agriculture, Food, and Natural Resources FLORAL DESIGN AB (FLORAL AB) Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through development of lifelong skills of making informed judgments and evaluations. Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co. Prerequisite(s): Precency at Ardington Heights HONORS FLORAL DESIGN AB/H (FLORAL AB/H) In addition to the regular course curriculum, curriculum enhancements for the honors course include web grade level: 11 - 12 HS Credit(s): 1 HS Credit(s): 1 AGHO1802AB In addition to the regular course curriculum, entre and evaluations. Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co. Prerequisite(s): Prerequisite(s): HONORS FLORAL DESIGN AB/H (FLORAL AB/H) In addition to the regular course curriculum, entre and assthetics, and problem solving for product shelf-life marketability. In addition to the regul		
of settings.       College Hour(s): NA         Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA         Prerequisite(s): Principles of Agriculture, Food, and Natural Resources       Tier III         Offered only at: Arlington Heights       AGH01501AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       Tise III         research, integration of applications to increase productivity in wildlife management and aquaculture production, and problem solving with habitat management. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.       Grade level: 11 - 12         Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       Tier III         Offered only at: Arlington Heights       College Hour(s): NA         FLORAL DESIGN AB (FLORAL AB)       AG01802AB         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cutures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.       College Hour(s): NA         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.	fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for	Grade level: 10 - 12
Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA         Prerequisite(s): Principles of Agriculture, Food, and Natural Resources       Tier III         Offered only at: Arlington Heights       AGH01501AB         HONORS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H)       AGH01501AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001500         research, integration of applications to increase productivity in wildlife management and aquaculture production, and problem solving with habitat management. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.       College Hour(s): NA         Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA         Prerequisite(s): Principles of Agriculture, Food, and Natural Resources       Tier II         Offered only at: Arlington Heights       AG01802AB         Floral DESIGN AB (FLORAL AB)       AG01802AB         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to analyze floral designs, thus contributing to the develops: An Illustrated Guide, Goodheart-W	success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety	HS Credit(s): 1
Prerequisite(s): Principles of Agriculture, Food, and Natural Resources       Tier II         Offered only at: Arlington Heights       AGH01501AB         HONORS WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT AB (WFECGT AB/H)       AGH01501AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001500         research, integration of applications to increase productivity in wildlife management and aquaculture production, and problem solving with habitat management. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.       Kield (1)         Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA Tier II         Perequisite(s): Principles of Agriculture, Food, and Natural Resources       AG01802AB         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.       College Hour(s): NA Tier III         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA Tier III         Prerequisite(s):       Tier III	of settings.	
Offered only at: Arlington Heights       AGH01501AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001500         research, integration of applications to increase productivity in wildlife management and aquaculture production, students in this honors course will complete additional projects and activities related to the program of study.       HS Credit(s): 1         Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA Tier II         Offered only at: Arlington Heights       AG01802AB         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through drawel evel: 11 - 12       HS Credit(s): 1         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA Tier II         Prerequisite(s):       Tison 100       Grade level: 11 - 12         HONORS FLORAL DESIGN AB (FLORAL AB)       AG01802AB         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through develeve: 11 - 12       HS Credit(s): 1         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA Tier III         Teacher muste highly qualified in fin	Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.	College Hour(s): NA
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In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001500         research, integration of applications to increase productivity in wildlife management and aquaculture production,       Grade level: 11 - 12         and problem solving with habitat management. In addition to the regular course curriculum, students in this       HS Credit(s): 1         honors course will complete additional projects and activities related to the program of study.       College Hour(s): NA         Instructional Materiai: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA         Prerequisite(s): Principles of Agriculture, Food, and Natural Resources       Tier II         Offered only at: Arlington Heights       AG01802AB         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques       13001800         Grade level: 11 - 12       HS Credit(s): 1         the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the develop students' ability and guements and evaluations.       College Hour(s): NA         Instructional Materiai. Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier III       13001800         Grade level: 11 - 12       HS Credit(s): 1	Offered only at: Arlington Heights	
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and problem solving with habitat management. In addition to the regular course curriculum, students in this       HS Credit(s): 1         honors course will complete additional projects and activities related to the program of study.       College Hour(s): NA         Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA         Prerequisite(s): Principles of Agriculture, Food, and Natural Resources       Tier II         Offered only at: Arlington Heights       AGO1802AB         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.       College Hour(s): NA         Prerequisite(s):       Tier III       Scredit(s): 1       HS Credit(s): 1         Motors FLORAL DESIGN AB/H (FLORAL AB/H)       College Hour(s): NA       Tier III         Prerequisite(s):       Tier ourse curriculum, curriculum enhancements for the honors course include web       Tier III         Offered only at: Arlington Heights and Diamond Hill-Jarvis       AGH01802AB       13001800         Ho addition to the regular course curriculum, curriculum enhancements for the honors course include web <td< td=""><td></td><td></td></td<>		
honors course will complete additional projects and activities related to the program of study.       College Hour(s): NA         Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA         Prerequisite(s): Principles of Agriculture, Food, and Natural Resources       Tier II         Offered only at: Arlington Heights       AG01802AB         FLORAL DESIGN AB (FLORAL AB)       AG01802AB         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.       College Hour(s): NA         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier III         HONORS FLORAL DESIGN AB/H (FLORAL AB/H)       AGH01802AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001800         research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving       Grade level: 11 - 12         HS creditional projects and activities related to the program of study.       HS Credit(s): 1         Instructional Material: Principles of Floral Design: An Illustrate		
Instructional Material: Wildlife & Natural Resources Management, Cengage Learning Inc.       College Hour(s): NA         Prerequisite(s): Principles of Agriculture, Food, and Natural Resources       Tier II         Offered only at: Arlington Heights       AG01802AB         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques       13001800         related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.       College Hour(s): NA         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier III         reacher must be highly qualified in fine arts.       College Hour(s): NA         Offered only at: Arlington Heights and Diamond Hill-Jarvis       AGH01802AB         Honords FLORAL DESIGN AB/H (FLORAL AB/H)       AGH01802AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving Grade level: 11 - 12         HS credit(s): 1       HS Credit(s): 1         Will complete additional projects and activi		
Prerequisite(s): Principles of Agriculture, Food, and Natural Resources       Tier II         Offered only at: Arlington Heights       AG01802AB         FLORAL DESIGN AB (FLORAL AB)       AG01802AB         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.       HS Credit(s): 1         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA Tier III         Prerequisite(s): Teacher must be highly qualified in fine arts. Offered only at: Arlington Heights and Diamond Hill-Jarvis       AGH01802AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.       KS Credit(s): 1         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA Tier II         Preequisite(s):       Tier Credit(s): 1       12		College Hour(s): NA
Offered only at: Arlington Heights       AG01802AB         FLORAL DESIGN AB (FLORAL AB)       13001800         Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.       HS Credit(s): 1         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s): Teacher must be highly qualified in fine arts.       Tier III         Offered only at: Arlington Heights and Diamond Hill-Jarvis       13001800         HONORS FLORAL DESIGN AB/H (FLORAL AB/H)       AGH01802AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.       College Hour(s): NA         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       In addition to the regular course curriculum, st		5
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Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques       13001800         related to floral design as well as develop an understanding of the management of floral enterprises. Through       14001800         the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and       13001800         contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the       HS Credit(s): 1         development of lifelong skills of making informed judgments and evaluations.       College Hour(s): NA         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier III         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001800         Grade level: 11 - 12       HS Credit(s): 1         HS Credit(s): I       HS Credit(s): I         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001800         Grade level: 11 - 12       HS Credit(s): 1         HS Credit(s): I       HS         In addition to the regular course expertise with floral structures and aesthetics, and problem solving       Grade level: 11 - 12         HS Credit(s): I       HS Credit(s): I         HS Credit(s): I       HS Cred		AC01902AB
related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co. Prerequisite(s): Teacher must be highly qualified in fine arts. Offered only at: Arlington Heights and Diamond Hill-Jarvis HONORS FLORAL DESIGN AB/H (FLORAL AB/H) In addition to the regular course curriculum, curriculum enhancements for the honors course include web research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study. Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co. Prerequisite(s): Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co. Prerequisite(s):		
the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.       HS Credit(s): 1         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier III         Teacher must be highly qualified in fine arts.       Offered only at: Arlington Heights and Diamond Hill-Jarvis         HONORS FLORAL DESIGN AB/H (FLORAL AB/H)       AGH01802AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001800         research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course       Grade level: 11 - 12         Will complete additional projects and activities related to the program of study.       HS Credit(s): NA         Instructional Material:       Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Tier II       Tier II       Tier II       Tier II		
contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the       Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier III         Teacher must be highly qualified in fine arts.       Offered only at: Arlington Heights and Diamond Hill-Jarvis         HONORS FLORAL DESIGN AB/H (FLORAL AB/H)       AGH01802AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001800         research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving       Grade level: 11 - 12         will complete additional projects and activities related to the program of study.       HS Credit(s): 1         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA		
development of lifelong skills of making informed judgments and evaluations.       College Hour(s): NA         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier III         Teacher must be highly qualified in fine arts.       Offered only at: Arlington Heights and Diamond Hill-Jarvis         HONORS FLORAL DESIGN AB/H (FLORAL AB/H)       AGH01802AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001800         research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving       Grade level: 11 - 12         will complete additional projects and activities related to the program of study.       HS Credit(s): 1         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier II		HS Credit(s): 1
Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier III         Teacher must be highly qualified in fine arts.       Offered only at: Arlington Heights and Diamond Hill-Jarvis         HONORS FLORAL DESIGN AB/H (FLORAL AB/H)       AGH01802AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001800         research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving       Grade level: 11 - 12         for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course       HS Credit(s): 1         will complete additional projects and activities related to the program of study.       KCollege Hour(s): NA         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier II		
Prerequisite(s):       Tier III         Teacher must be highly qualified in fine arts.       Offered only at: Arlington Heights and Diamond Hill-Jarvis         HONORS FLORAL DESIGN AB/H (FLORAL AB/H)       AGH01802AB         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001800         research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.       KC redit(s): 1         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA Tier II		
Teacher must be highly qualified in fine arts.         Offered only at: Arlington Heights and Diamond Hill-Jarvis <b>AGH01802AB</b> In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001800         In addition of applications to increase expertise with floral structures and aesthetics, and problem solving for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course       Grade level: 11 - 12         will complete additional projects and activities related to the program of study.       Koredit(s): 1         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier II		College Hour(s): NA
Offered only at: Arlington Heights and Diamond Hill-Jarvis       AGH01802AB         HONORS FLORAL DESIGN AB/H (FLORAL AB/H)       13001800         In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001800         research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course       Grade level: 11 - 12         will complete additional projects and activities related to the program of study.       HS Credit(s): 1         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier II		Tier III
HONORS FLORAL DESIGN AB/H (FLORAL AB/H)AGH01802ABIn addition to the regular course curriculum, curriculum enhancements for the honors course include web13001800research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.Grade level: 11 - 12 HS Credit(s): 1Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.College Hour(s): NA Tier II		
In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001800         research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving       Grade level: 11 - 12         for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course       HS Credit(s): 1         will complete additional projects and activities related to the program of study.       College Hour(s): NA         Prerequisite(s):       Tier II	Offered only at: Arlington Heights and Diamond Hill-Jarvis	
In addition to the regular course curriculum, curriculum enhancements for the honors course include web       13001800         research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving       Grade level: 11 - 12         for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course       HS Credit(s): 1         will complete additional projects and activities related to the program of study.       College Hour(s): NA <u>Prerequisite(s)</u> :       Tier II	HONORS FLORAL DESIGN AB/H (FLORAL AB/H)	AGH01802AB
research, integration of applications to increase expertise with floral structures and aesthetics, and problem solving for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study. Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co. Prerequisite(s): College Hour(s): NA Tier II		
for product shelf-life marketability. In addition to the regular course curriculum, students in this honors course       HS Credit(s): 1         will complete additional projects and activities related to the program of study.       Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier II		Grade level: 11 - 12
will complete additional projects and activities related to the program of study.         Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier II		
Instructional Material: Principles of Floral Design: An Illustrated Guide, Goodheart-Willcox Co.       College Hour(s): NA         Prerequisite(s):       Tier II		、 <i>*</i>
Prerequisite(s): Tier II		College Hour(s): NA
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JNPAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/D AB PRACAFNR1 AB)	AG02502AB
his practicum course is an unpaid capstone experience for students participating in a coherent sequence of areer and technical education courses within the designated program of study. This course is designed to give	13002500 Grade level: 11 - 12
tudents supervised practical application of knowledge and skills. Practicum capstone experiences can occur in	HS Credit(s): 2
variety of locations appropriate to the nature and level of experiences such as independent study,	
ssistantships, mentorships, or laboratories. The various in-class capstone experiences include students working	
a simulated environment, running an enterprise, or be involved in program-specific local projects the school	
as approved for this class. Additional capstone experiences also include students being selected to be a part	
f a work-based experience or industry training off-site, outside of school.	
<u>istructional Material</u> : <i>ICEV Agricultural Science Site,</i> CEV Multimedia Ltd. <u>rerequisite(s)</u> : 2 credits from courses in the Agriculture, Food, and Natural Resources Cluster	College Hour(s): NA <b>Tier III</b>
ffered only at: Arlington Heights and Diamond Hill-Jarvis	ner m
ONORS UNPAID PRACTICUM IN AGRICULTURE, FOOD AND NATURAL RESOURCES/D B/H (PRACAFNR1 AB/H)	AGH02502AB
addition to the regular course curriculum, students in the honors course will complete additional projects and	13002500
ctivities related to the program of study.	Grade level: 11 – 12
nstructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd.	HS Credit(s): 2
rerequisite(s): 2 credits from courses in the Agriculture, Food, and Natural Resources Cluster	College Hour(s): NA
offered only at: Arlington Heights and Diamond Hill-Jarvis	Tier II
AID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/EXTENDED AB (EXPRAFNR1 AB)	AG02505AB
his practicum course is a paid capstone experience for students participating in a coherent sequence of career and	13002505
echnical education courses within the designated program of study. This course is designed to give students	Grade level: 11 - 12
upervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations	HS Credit(s): 3
ppropriate to the nature and level of experiences such as employment, independent study, internships,	
ssistantships, mentorships, or laboratories. A student must be a minimum age of 16 and hold valid work	
ocumentation, such as a Social Security card, to enroll in any of the paid practicum learning experiences. To	
emain in this practicum, a student must be employed for fifteen hours per week at an approved training station	
ithin ten days of enrollment in the program.	
nstructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd.	College Hour(s): NA
rerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster	Tier III
rerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis	
	Tier III AGH02505AB
The requisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Confered only at: Arlington Heights and Diamond Hill-Jarvis TONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/ EXTENDED AB (EXPRAFNR1 AB/H) The addition to the regular course curriculum, students in this honors course will complete additional projects and	AGH02505AB
Perequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis HONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/ EXTENDED AB (EXPRAFNR1 AB/H)	AGH02505AB
The requisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Differed only at: Arlington Heights and Diamond Hill-Jarvis TONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/ EXTENDED AB (EXPRAFNR1 AB/H) The addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study. The structional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd.	AGH02505AB
The requisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Differed only at: Arlington Heights and Diamond Hill-Jarvis TONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/ EXTENDED AB (EXPRAFNR1 AB/H) The addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study. The structional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd. The requisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster	AGH02505AB 13002505 Grade level: 11 - 12
Interequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Differed only at: Arlington Heights and Diamond Hill-Jarvis HONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/ EXTENDED AB (EXPRAFNR1 AB/H) In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study.	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3
The requisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster  The only at: Arlington Heights and Diamond Hill-Jarvis  The Agriculture, FoOD, AND NATURAL RESOURCES/  THE NEW STREET AND THE STREET	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3 College Hour(s): NA Tier II AG00203AB
The requisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster  The only at: Arlington Heights and Diamond Hill-Jarvis  TOP AB (EXPRAFNR1 AB/H)  The addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study.  The additional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd.  The rerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster  Offered only at: Arlington Heights and Diamond Hill-Jarvis  AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB)  Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3 College Hour(s): NA Tier II AG00203AB 13002200
Terequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster  Offered only at: Arlington Heights and Diamond Hill-Jarvis  FONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/  EXTENDED AB (EXPRAFNR1 AB/H)  In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study.  Instructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd.  Terequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster  Offered only at: Arlington Heights and Diamond Hill-Jarvis  CGRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB)  Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural nechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing,	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3 College Hour(s): NA Tier II AG00203AB 13002200 Grade level: 10-11
Terequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster  Offered only at: Arlington Heights and Diamond Hill-Jarvis  IONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/  EXTENDED AB (EXPRAFNR1 AB/H)  In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study. Instructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd. Irerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis  CARICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB)  Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural nechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, oncrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3 College Hour(s): NA Tier II AG00203AB 13002200
Interequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis IONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/ EXTENDED AB (EXPRAFNR1 AB/H) In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study. Instructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd. Irerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis INGRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB) Ingricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural hechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, oncrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3 College Hour(s): NA Tier II AG00203AB 13002200 Grade level: 10-11
In addition to the regular courses in the Agriculture, Food, and Natural Resources Cluster (XTENDED AB (EXPRAFNR1 AB/H)) In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study. Instructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd. Irerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis CONTENDED AB (EXPRAFNE) In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study. Instructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd. Irerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis CARICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB) Ingricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural hechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, oncrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to iower, structural, and technical agricultural systems and the industry; and develop knowledge and skills	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3 College Hour(s): NA Tier II AG00203AB 13002200 Grade level: 10-11
In addition to the regular courses in the Agriculture, Food, and Natural Resources Cluster ADDED AB (EXPRAFNR1 AB/H) In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study. Instructional Material: <i>ICEV Agricultural Science Site</i> , CEV Multimedia Ltd. Interequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster <i>Defered only at: Arlington Heights and Diamond Hill-Jarvis</i> <b>CEV Multimedia Ltd.</b> Interequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster <i>Defered only at: Arlington Heights and Diamond Hill-Jarvis</i> <b>CRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB)</b> Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural nechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, oncrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to iower, structural, and technical agricultural systems and the industry; and develop knowledge and skills egarding career opportunities, entry requirements, industry certifications, and industry expectations.	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3 College Hour(s): NA Tier II AG00203AB 13002200 Grade level: 10-11 HS Credit(s): 1
rerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis  IONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/ EXTENDED AB (EXPRAFNR1 AB/H)  n addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study.  nstructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd. rerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis  AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB)  Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural nechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, oncrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to ower, structural, and technical agricultural systems and the industry; and develop knowledge and skills egarding career opportunities, entry requirements, industry certifications, and industry expectations.  Instructional Material: Contact Career and Technical Education Department for related materials	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3 College Hour(s): NA Tier II AG00203AB 13002200 Grade level: 10-11 HS Credit(s): 1 College Hour(s): NA
rerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis  IONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/ EXTENDED AB (EXPRAFNR1 AB/H) In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study. Instructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd. Interequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis  MGRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB) Instructional Metal Technologies is designed to develop an understanding of agricultural nechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, oncrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to ower, structural, and technical agricultural systems and the industry; and develop knowledge and skills egarding career opportunities, entry requirements, industry certifications, and industry expectations. Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Principles of Agriculture, Food and Natural Resources	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3 College Hour(s): NA Tier II AG00203AB 13002200 Grade level: 10-11 HS Credit(s): 1
rerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis  IONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/ EXTENDED AB (EXPRAFNR1 AB/H)  n addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study.  nstructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd. rerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis  AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB)  Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural nechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, oncrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to ower, structural, and technical agricultural systems and the industry; and develop knowledge and skills egarding career opportunities, entry requirements, industry certifications, and industry expectations.  Instructional Material: Contact Career and Technical Education Department for related materials	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3 College Hour(s): NA Tier II AG00203AB 13002200 Grade level: 10-11 HS Credit(s): 1 College Hour(s): NA
rerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis  IONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/ XTENDED AB (EXPRAFNR1 AB/H)  In addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study. Instructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd. rerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster Offered only at: Arlington Heights and Diamond Hill-Jarvis  KGRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB) Gricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural nechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, oncrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to ower, structural, and technical agricultural systems and the industry; and develop knowledge and skills reaguisite(s): Principles of Agriculture, Food and Natural Resources Offered only at: Arlington Heights HONORS AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB) Contact Career and Technical Education Department for related materials rerequisite(s): Principles of Agriculture, Food and Natural Resources Offered only at: Arlington Heights HONORS AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB/H) The addition to the regular course curriculum, students in this honors course will complete additional projects and Course AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB/H) The addition to the regular course curriculum, students in this honors course will complete additional projects and Course Agriculture Autors and Technical Education Department for related materials	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3 College Hour(s): NA Tier II AG00203AB 13002200 Grade level: 10-11 HS Credit(s): 1 College Hour(s): NA Tier III
rerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster (ffered only at: Arlington Heights and Diamond Hill-Jarvis IONORS PAID PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES/ XTENDED AB (EXPRAFNR1 AB/H) an addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study. Instructional Material: ICEV Agricultural Science Site, CEV Multimedia Ltd. rerequisite(s): 1 credit from courses in the Agriculture, Food, and Natural Resources Cluster (ffered only at: Arlington Heights and Diamond Hill-Jarvis IGRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB) gricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural nechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, poncrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical rystems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to ower, structural, and technical agricultural systems and the industry; and develop knowledge and skills rerequisite(s): Principles of Agriculture, Food and Natural Resources Iffered only at: Arlington Heights IONORS AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES AB (AGMECMT AB) addition to the regular course curriculum, students in this honors course will complete additional projects and ctivities related to the program of study.	AGH02505AB 13002505 Grade level: 11 - 12 HS Credit(s): 3 College Hour(s): NA Tier II AG00203AB 13002200 Grade level: 10-11 HS Credit(s): 1 College Hour(s): NA Tier III AGH00203AB 13002200 Grade level: 10-11
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Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Agricultural Mechanics and Metal Technologies Offered only at: Arlington Heights	College Hour(s): NA <b>Tier III</b>
HONORS AGRICULTURAL STRUCTURES DESIGN AND FABRICATIONS/LAB/D AB (AGSDFLAB AB/H)	AGH02310AB
In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.	13002310 Grade level: 11-12
In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.	13002310 Grade level: 11-12
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Agricultural Mechanics and Metal Technologies Offered only at: Arlington Heights	HS Credit(s): 2 College Hour(s): NA <b>Tier II</b>
AGRICULTURAL EQUIPMENT DESIGN AND FABRICATION/LAB/D AB (AGEQDFLAB AB)	AG02360AB
In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. The lab experience is designed to provide students a laboratory and/or field experience opportunity. To prepare for careers in agriculture, food, and natural resources, students must acquire knowledge and skills that meet entry requirements and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer academic knowledge and technical skills in a variety of settings.	13002360 Grade level: 11-12 HS Credit(s): 2
nstructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Agricultural Structures Design and Fabrications/Lab AB	College Hour(s): NA <b>Tier III</b>
Offered only at: Arlington Heights HONORS AGRICULTURAL EQUIPMENT DESIGN AND FABRICATION/LAB/D AB	AGH02360AB
(AGEQDFLAB AB/H)	
In addition to the regular course curriculum, students in this honors course will complete additional projects and activities related to the program of study.	13002360 Grade level: 11-12
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Agricultural Structures Design and Fabrications/Lab AB Offered only at: Arlington Heights	HS Credit(s): 2 College Hour(s): NA <b>Tier II</b>
HONORS CTE PROJECT-BASED CAPSTONE AB (PROBS1 AB/H)	CPH01500AB
Students will research a real-world problem and possible solutions throughout this course. Students develop a project on a topic related to career interests, use scientific methods of investigation to conduct in-depth research, are matched with a mentor from the business or professional community, compile findings, and present their findings to an audience that includes experts in the field. This course must be cooperatively planned and supervised by the teacher ensuring that the student has guidance and support of a mentor or interdisciplinary team. The district must maintain a written project plan for each student enrolled in the course.	12701101 Grade level: 11-12 HS Credit(s): 1
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Specific to program focus/pathway and is the previous course in the sequence. Offered at: All high school campuses	College Hour(s): NA <b>Tier II</b>
CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1 AB)	CP01121AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701121 Grade level: 11-12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)	CP001132AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701141 Grade level: 11-12 HS Credit(s): 3

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Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hours (s): NA <b>Tier III</b>
CAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)	CP001142AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside for school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701122 Grade level: 11-12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION II FOR PROGRAMS OF STUDY/EXTENDED II AB (EXCPP 2 AB)	CP01402AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701132 Grade level: 11-12 HS Credit(s): 3
nstructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>



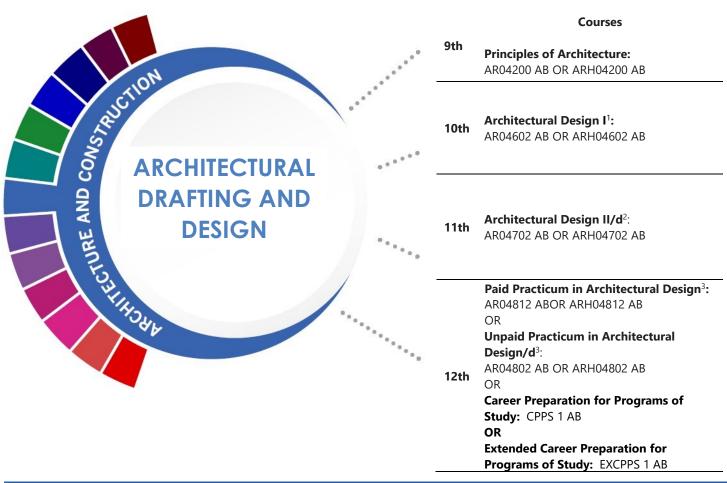
# **Architecture and Construction**

Architectural Drafting and Design

Carpentry

Electrical

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.



# Enrichment Courses:

# • N/A

- Certification Options:
- Industry Certification Opportunities for Performance Acknowledgment: Autodesk Certified User in AutoCAD<sup>2</sup>; Autodesk Certified User in Revit Architecture<sup>3</sup>
- Not Counted Towards Performance Acknowledgment: OSHA 10-Hour Construction Industry<sup>1</sup>

# Available at:

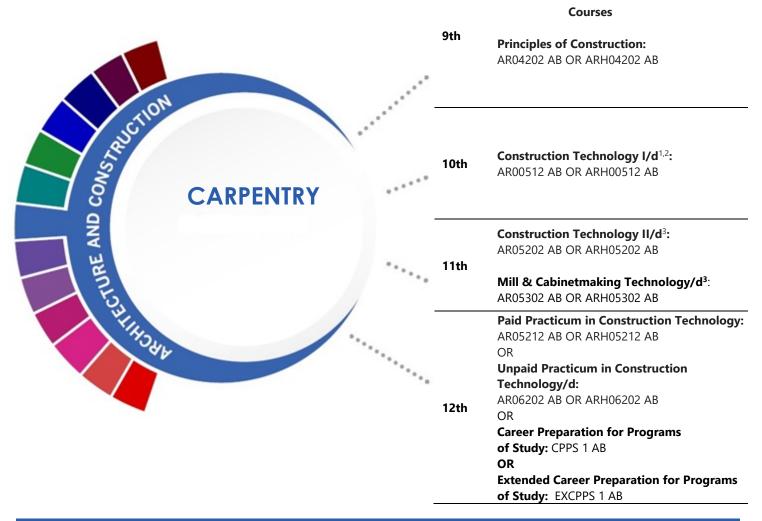
- Diamond Hill-Jarvis HS
- Trimble Technical HS

The Architectural Design program of study explores the occupations and educational opportunities associated with developing, engineering, and designing building structures and facilities. This program of study may also include exploration into collecting and interpreting geographic information, researching and preparing maps, and interior design.



The Architectural and Construction Career Cluster<sup>®</sup> focuses on designing, planning, managing, building, and maintaining the built environment. Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management.

Successful completion of the Architectural Design program of study will fulfill requirements of a Business and Industry or STEM endorsement if the math and science requirements are met. Revised – July 2020



# Enrichment Courses:

# • N/A

# Certification Options:

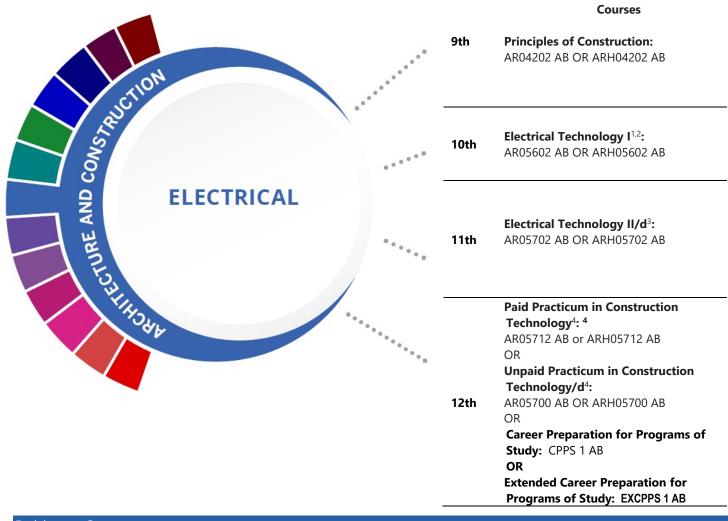
- Industry Certification Opportunities for Performance Acknowledgment: NCCER Core Curriculum<sup>1</sup>; NCCER Construction Technology<sup>2</sup>
- Not Counted Towards Performance Acknowledgment: OSHA 30-Hour Construction Industry Certification<sup>3</sup> Available at:
- Diamond Hill-Jarvis HS
- O.D. Wyatt HS
- Trimble Technical HS

The Carpentry program of study explores the occupations and educational opportunities related to constructing, installing, or repairing structures and fixtures made of wood, such as concrete forms (including frameworks, partitions, joists, studding, rafters, and stairways). This program of study may also include exploration into installing, dismantling, or moving machinery and heavy equipment according to layout plans, blueprints, or other drawings.



The Architecture and Construction Career Cluster<sup>®</sup> focuses on designing, planning, managing, building, and maintaining the built environment.

Successful completion of the Carpentry program of study will fulfill requirements of the Business and Industry Endorsement. Revised – July 2020



# Enrichment Courses:

# • N/A

- Certification Options:
- Industry Certification Opportunities for Performance Acknowledgment: NCCER Core Curriculum<sup>1</sup>; NCCER Electrical Level I<sup>2</sup>; IEC Electrical Apprenticeship Certification Level I<sup>4</sup>
- Not Counted Towards Performance Acknowledgment: OSHA 30-hour Construction Industry Certification<sup>3</sup>

# Available at:

# • Trimble Technical HS

The Electrical program of study explores the occupations and educational opportunities associated with installing, maintaining, and repairing electrical wiring, equipment, and fixtures. This program of study may also include exploration into installing and repairing telecommunications cable including fiber optics.



The Architecture and Construction Career Cluster® focuses on designing, planning, managing, building, and maintaining the built environment.

Successful completion of the Electrical Program of Study will fulfill requirements of a Business and Industry or STEM endorsement if the math and science requirements are met. Revised – July 2020

# COURSE DESCRIPTIONS FOR ARCHITECTURE AND CONSTRUCTION CLASSES

PRINCIPLES OF ARCHITECTURE AB (PRINARCH AB)	AR04200AB
rinciples of Architecture provides an overview to the various fields of architecture, interior design, and	13004210
onstruction management. Achieving proficiency in decision making and problem solving is an essential skill for	Grade level: 9 – 10
areer planning and lifelong learning. Students use self-knowledge, education, and career information to set and	HS Credit(s): 1
chieve realistic career and educational goals. Job-specific training can be provided through training modules	
hat identify career goals in trade and industry areas. Classroom studies include topics such as safety, work	
thics, communication, information technology applications, systems, health, environment, leadership,	
eamwork, ethical and legal responsibility, employability, and career development and include skills such as	
problem solving, critical thinking, and reading technical drawings.	
nstructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV	College Hour(s): NA
r <u>erequisite(s)</u> : None	Tier III
Offered only at: Diamond Hill-Jarvis and Trimble Tech	
HONORS PRINCIPLES OF ARCHITECTURE AB (PRINARCH AB/H)	ARH04200AB
addition to the regular course curriculum, students in this honors course will complete additional projects and	13004210
ctivities related to the program of study.	Grade level: 9 – 10
structional Material: Architecture, Construction, Transportation and Manufacturing, iCEV	HS Credit(s): 1
r <u>erequisite(s)</u> : None	College Hour(s): NA
ffered only at: Diamond Hill-Jarvis and Trimble Tech	Tier II
RCHITECTURAL DESIGN I AB (ARCHDSN1 AB)	AR04602AB
Architectural Design I, students will gain knowledge and skills needed to enter a career in architecture or	13004600
onstruction or prepare a foundation toward a postsecondary degree in architecture, construction science,	Grade level: 10 – 12
rafting, interior design, or landscape architecture. Architectural Design I include the knowledge of the design,	HS Credit(s): 1
esign history, techniques, and tools related to the production of drawings, renderings, and scaled models for	
onresidential or residential architectural purposes.	
nstructional Material: Architecture: Residential Drafting and Design, Goodheart-Willcox Co.	College Hour(s): NA
rerequisite(s): Principles of Architecture, Algebra I, and English I	Tier III
ecommended Prerequisite(s): Geometry	
Differed only at: Diamond Hill-Jarvis and Trimble Tech	
IONORS ARCHITECTURAL DESIGN I AB (ARCHDSN1 AB/H)	ARH04602AB
n addition to the regular course curriculum, students in this honors course will complete additional projects and	13004600
ctivities related to the program of study.	Grade level: 10 – 12
nstructional Material: Architecture: Residential Drafting and Design, Goodheart-Willcox Co.	HS Credit(s): 1
rerequisite(s): Principles of Architecture, Algebra I, and English I	College Hour(s): NA
Recommended Prerequisite(s): Geometry	Tier II
Offered at: Diamond Hill-Jarvis and Trimble Tech	
ARCHITECTURAL DESIGN II/d AB (ARCHDSN2 AB)	AR04702AB
n Architectural Design II, students will gain advanced knowledge and skills needed to enter a career in	13004700
rchitecture or construction or prepare a foundation toward a postsecondary degree in architecture,	Grade level: 11 - 12
onstruction science, drafting, interior design, or landscape architecture. Architectural Design II includes the	HS Credit(s): 2
dvanced knowledge of the design, design history, techniques, and tools related to the production of drawings,	
enderings, and scaled models for nonresidential or residential architectural purposes.	
<u>instructional Material</u> : Contact Career and Technical Education Department for related materials	College Hour(s): NA
<u>Prerequisite(s)</u> : Architectural Design I, Geometry	Tier III
Terequisite(s). Architectural Design 1, Geometry	
	ARH04702AB
IONORS ARCHITECTURAL DESIGN II/d AB (ARCHDSN2 AB/H)	13004700
n addition to the regular course curriculum, students in this honors course will complete additional projects and	13004700 Grade level: 11 – 12
ctivities related to the program of study.	HS Credit(s): 2
nstructional Material: Contact Career and Technical Education Department for related materials	()
Prerequisite(s): Architectural Design I, Geometry	College Hour(s): NA
Offered at: Diamond Hill-Jarvis and Trimble Tech	Tier II
INPAID PRACTICUM IN ARCHITECTURAL DESIGN/d AB (PRACADSN AB)	AR04802AB
nis practicum course is an unpaid capstone experience for students participating in a coherent sequence of career	13004800
nd technical education courses within their designated program of study. This is an occupationally specific	Grade level: 12
	HS Credit(s): 2
ourse designed to provide technical instruction in architectural design. Safety and career opportunities are	
ourse designed to provide technical instruction in architectural design. Safety and career opportunities are ncluded in addition to work ethics and architectural design study. Practicum capstone experiences can occur in a	
ncluded in addition to work ethics and architectural design study. Practicum capstone experiences can occur in a	
ncluded in addition to work ethics and architectural design study. Practicum capstone experiences can occur in a ariety of locations appropriate to the nature and level of experiences such as independent study, assistantships,	
ncluded in addition to work ethics and architectural design study. Practicum capstone experiences can occur in a ariety of locations appropriate to the nature and level of experiences such as independent study, assistantships, nentorships, or laboratories. The various in-class capstone experiences include students working in a simulated	
ncluded in addition to work ethics and architectural design study. Practicum capstone experiences can occur in a ariety of locations appropriate to the nature and level of experiences such as independent study, assistantships,	

Prerequisite(s): Architectural Design II	College Hour(s): NA <b>Tier III</b>
Offered at: Diamond Hill-Jarvis and Trimble Tech	
HONORS UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d AB (PRACADSN AB/H)	ARH04802AB
In addition to the regular course curriculum, students in this course will complete additional projects and activities related to the program of study.	13004800 Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 2
Prerequisite(s): Architectural Design II	College Hour(s): NA
Offered at: Diamond Hill-Jarvis and Trimble Tech	Tier II
PAID PRACTICUM IN ARCHITECTURAL DESIGN/EXTENDED AB (EXPRADS1 AB)	AR04812AB
This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This is an occupationally specific course designed to provide technical instruction in architectural design. Safety and career opportunities are included in addition to work ethics and architectural design study. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the paid practicum learning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during	13004805 Grade level: 12 HS Credit(s): 3
the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
P <u>rerequisite(s)</u> : Architectural Design II Offered at: Diamond Hill-Jarvis and Trimble Tech	Tier III
HONORS PAID PRACTICUM IN ARCHITECTURAL DESIGN AB/EXTENDED	ARH04812AB
In addition to the regular course curriculum, students in this course will complete additional projects and	13004805
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 3
Prerequisite(s): Architectural Design II	College Hour(s): NA
Offered at: Diamond Hill-Jarvis and Trimble Tech	Tier II
PRINCIPLES OF CONSTRUCTION AB (PRINCON AB)	AR04202AB
Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. For safety and liability considerations, limiting course enrollment to 15 students is recommended. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.	13004220 Grade level: 9 - 10 HS Credit(s): 1
Instructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
Offered only at: Diamond Hill-Jarvis, Trimble Tech and OD Wyatt	
	ARH04202AB
In addition to the regular course curriculum, students will complete additional projects and activities related to	13004220
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study.	Grade level: 9 – 10
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV	Grade level: 9 – 10 HS Credit(s): 1
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. <u>Instructional Material</u> : <i>Architecture, Construction, Transportation and Manufacturing</i> , iCEV <u>Prerequisite(s)</u> : None	Grade level: 9 – 10
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. <u>Instructional Material</u> : <i>Architecture, Construction, Transportation and Manufacturing</i> , iCEV <u>Prerequisite(s)</u> : None <u>Offered only at: Diamond Hill-Jarvis, Trimble Tech and OD Wyatt</u>	Grade level: 9 – 10 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
HONORS PRINCIPLES OF CONSTRUCTION AB (PRINCON AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV Prerequisite(s): None Offered only at: Diamond Hill-Jarvis, Trimble Tech and OD Wyatt CONSTRUCTION TECHNOLOGY I/D AB (CONSTECH AB) In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as	Grade level: 9 – 10 HS Credit(s): 1 College Hour(s): NA Tier II AR00512AB
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. <u>Instructional Material</u> : Architecture, Construction, Transportation and Manufacturing, iCEV <u>Prerequisite(s)</u> : None Offered only at: Diamond Hill-Jarvis, Trimble Tech and OD Wyatt	Grade level: 9 – 10 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV Prerequisite(s): None Offered only at: Diamond Hill-Jarvis, Trimble Tech and OD Wyatt CONSTRUCTION TECHNOLOGY I/D AB (CONSTECH AB) In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage,	Grade level: 9 – 10 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> AR00512AB 13005100
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV Prerequisite(s): None Offered only at: Diamond Hill-Jarvis, Trimble Tech and OD Wyatt CONSTRUCTION TECHNOLOGY I/D AB (CONSTECH AB) In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. For safety and liability considerations, limiting course enrollment to 15	Grade level: 9 – 10 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> AR00512AB 13005100 Grade level: 10 - 12
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV Prerequisite(s): None Offered only at: Diamond Hill-Jarvis, Trimble Tech and OD Wyatt CONSTRUCTION TECHNOLOGY I/D AB (CONSTECH AB) In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. For safety and liability considerations, limiting course enrollment to 15 students is recommended. Instructional Material: NCCER Core Curriculum E-Text, Pearson	Grade level: 9 – 10 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> AR00512AB 13005100 Grade level: 10 - 12
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV Prerequisite(s): None Offered only at: Diamond Hill-Jarvis, Trimble Tech and OD Wyatt CONSTRUCTION TECHNOLOGY I/D AB (CONSTECH AB) In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. For safety and liability considerations, limiting course enrollment to 15 students is recommended. Instructional Material: NCCER Core Curriculum E-Text, Pearson Prerequisite(s): Principles of Construction	Grade level: 9 – 10 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> AR00512AB 13005100 Grade level: 10 - 12 HS Credit(s): 2
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV Prerequisite(s): None Offered only at: Diamond Hill-Jarvis, Trimble Tech and OD Wyatt CONSTRUCTION TECHNOLOGY I/D AB (CONSTECH AB) In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. For safety and liability considerations, limiting course enrollment to 15 students is recommended. Instructional Material: NCCER Core Curriculum E-Text, Pearson Prerequisite(s): Principles of Construction Offered only at: Diamond Hill-Jarvis, Trimble Tech, and OD Wyatt	Grade level: 9 – 10 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>AR00512AB</b> 13005100 Grade level: 10 - 12 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b>
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV Prerequisite(s): None Offered only at: Diamond Hill-Jarvis, Trimble Tech and OD Wyatt <b>CONSTRUCTION TECHNOLOGY I/D AB (CONSTECH AB)</b> In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. For safety and liability considerations, limiting course enrollment to 15 students is recommended. Instructional Material: NCCER Core Curriculum E-Text, Pearson Prerequisite(s): Principles of Construction Offered only at: Diamond Hill-Jarvis, Trimble Tech, and OD Wyatt <b>HONORS CONSTRUCTION TECHNOLOGY I/D AB (CONSTECH AB/H)</b>	Grade level: 9 – 10 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> AR00512AB 13005100 Grade level: 10 - 12 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> ARH00512AB
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV Prerequisite(s): None Offered only at: Diamond Hill-Jarvis, Trimble Tech and OD Wyatt CONSTRUCTION TECHNOLOGY I/D AB (CONSTECH AB) In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. For safety and liability considerations, limiting course enrollment to 15 students is recommended. Instructional Material: NCCER Core Curriculum E-Text, Pearson Prerequisite(s): Principles of Construction Offered only at: Diamond Hill-Jarvis, Trimble Tech, and OD Wyatt HONORS CONSTRUCTION TECHNOLOGY I/D AB (CONSTECH AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to	Grade level: 9 – 10 HS Credit(s): 1 College Hour(s): NA Tier II AR00512AB 13005100 Grade level: 10 - 12 HS Credit(s): 2 College Hour(s): NA Tier III ARH00512AB 13005100
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV Prerequisite(s): None Offered only at: Diamond Hill-Jarvis, Trimble Tech and OD Wyatt CONSTRUCTION TECHNOLOGY I/D AB (CONSTECH AB) In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. For safety and liability considerations, limiting course enrollment to 15 students is recommended. Instructional Material: NCCER Core Curriculum E-Text, Pearson Prerequisite(s): Principles of Construction Offered only at: Diamond Hill-Jarvis, Trimble Tech, and OD Wyatt HONORS CONSTRUCTION TECHNOLOGY I/D AB (CONSTECH AB/H)	Grade level: 9 – 10 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> AR00512AB 13005100 Grade level: 10 - 12 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> ARH00512AB

ONSTRUCTION TECHNOLOGY II/D AB (CONSTECH2 AB)	AR05202AB
Construction Technology II, students will gain advanced knowledge and skills needed to enter the workforce	13005200
s carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in	Grade level: 11 – 12
onstruction management, architecture, or engineering. Students will build on the knowledge base from	HS Credit(s): 2
onstruction Technology I and are introduced to exterior and interior finish out skills. For safety and liability	
onsiderations, limiting course enrollment to 15 students is recommended.	
nstructional Material: NCCER Construction Technology Print and E-Text, Pearson	College Hour(s): NA
rerequisite(s): Construction Technology I/d	Tier III
ffered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt	
IONORS CONSTRUCTION TECHNOLOGY II/D AB (CONSTECH2 AB/H)	ARH05202AB
addition to the regular course curriculum, students will complete additional projects and activities related to	13005200
ne program of study. Istructional Material: NCCER Construction Technology Print and E-Text, Pearson	Grade level: 11 – 12 HS Credit(s): 2
rerequisite(s): Construction Technology I/d	College Hour(s): NA
ffered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt	Tier II
AID PRACTICUM IN CONSTRUCTION TECHNOLOGY/EXTENDED AB (EXPRCT1 AB)	AR05212AB
	13005255
his practicum course is a paid capstone experience for students participating in a coherent sequence of career nd technical education courses within their designated program of study. Students in this course will be	Grade level: 12
hallenged with the application of gained knowledge and skills from prior Construction courses. A student must	HS Credit(s): 3
e a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of	ins Credit(S). S
e practicum learning experiences. In order to receive course credit, this course requires that students make a	
Ill year commitment to this course and their employment, must have related classroom instruction that	
verages one class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or	
verages one class period per week during the school year, are employed for <u>inteen (15) hours per week</u> (or verage of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work	
ours can be included during the school day or outside of school hours. If work hours are during the school	
ay, students can be scheduled for work release (noncredit) periods to work as long as work release does not	
popardize students' projected graduation plan.	
istructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
rerequisite(s): Construction Technology II/d	Tier III
ffered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt	
IONORS PAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/EXTENDED AB	ARH05212AB
EXPRCT1 AB/H)	
addition to the regular course curriculum, students will complete additional projects and activities related to	13005255
-	
ne program of study.	Grade level: 12
ne program of study. Instructional Material: Contact Career and Technical Education Department for related materials	Grade level: 12 HS Credit(s): 3
istructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 3
istructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d	HS Credit(s): 3 College Hour(s): NA
structional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d ffered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b>
nstructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Iffered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt INPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB)	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b> AR06202AB
Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Infered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt INPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB) his practicum course is an unpaid capstone experience for students participating in a coherent sequence of	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b> AR06202AB 130052050
Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Infered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt INPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB) his practicum course is an unpaid capstone experience for students participating in a coherent sequence of areer and technical education courses within the designated program of study. Students in this course will be	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b> AR06202AB 130052050 Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Infered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt INPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB) his practicum course is an unpaid capstone experience for students participating in a coherent sequence of areer and technical education courses within the designated program of study. Students in this course will be hallenged with the application of gained knowledge and skills from prior Construction courses. Practicum	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b> AR06202AB 130052050
Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Infered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt INPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB) his practicum course is an unpaid capstone experience for students participating in a coherent sequence of areer and technical education courses within the designated program of study. Students in this course will be hallenged with the application of gained knowledge and skills from prior Construction courses. Practicum apstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b> AR06202AB 130052050 Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Infered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt INPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB) his practicum course is an unpaid capstone experience for students participating in a coherent sequence of areer and technical education courses within the designated program of study. Students in this course will be hallenged with the application of gained knowledge and skills from prior Construction courses. Practicum apstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such s independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b> AR06202AB 130052050 Grade level: 12
Interventional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d ffered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt <b>NPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB)</b> Inis practicum course is an unpaid capstone experience for students participating in a coherent sequence of areer and technical education courses within the designated program of study. Students in this course will be hallenged with the application of gained knowledge and skills from prior Construction courses. Practicum apstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences clude students working in a simulated environment, running an enterprise, or be involved in program-specific	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b> AR06202AB 130052050 Grade level: 12
In the application of gained knowledge and skills from prior Construction courses. Practicum apstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences can proved for this class. Additional capstone experiences also include students working in a simulated environment, running an enterprise, or be involved in program-specific ocal projects the school has approved for this class. Additional capstone experiences also include students	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b> AR06202AB 130052050 Grade level: 12
In the application of gained knowledge and skills from prior Construction courses. Practicum apstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences is independent study as approved for this class. Additional capstone experiences also include students working in a simulated environment, running an enterprise, or be involved in program-specific occal projects the school has approved for this class. Additional capstone experiences also include students experiences and students participating off-site, outside of school.	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b> <b>AR06202AB</b> 130052050 Grade level: 12 HS Credit(s): 2
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In the second study of the second state of the	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b> AR06202AB 130052050 Grade level: 12 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b>
In this practicular and the second states an	HS Credit(s): 3 College Hour(s): NA Tier II AR06202AB 130052050 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier III ARH06202AB 130052050
In the second students working in a simulated environment, running an enterprise, or be involved in program-specific encel projects the school has approved for this class. Additional capstone experiences also include students eitig encel students experiences and technical approved for this class. Additional capstone experience to realise to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials to the school has approved for this class. Additional capstone experiences also include students experiences are and technical approved for this class. Additional capstone experiences also include students working in a simulated environment, running an enterprise, or be involved in program-specific encel projects the school has approved for this class. Additional capstone experiences also include students environment for related materials the terrequisite(s): Construction Technology II/d the technical Education Department for related materials the terrequisite of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials the terrequisite(s): Construction Technology II/d to the regular course curriculum, students will complete additional projects and activities related to be program of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical, and OD Wyatt to the regulate the technology II/d to the regular course curriculum, students will complete additional projects and activities related to be program of a work-based experience and DD Wyatt to the regular course curriculum, students will complete additional projects and activities related to be program of the terminal technical, and OD Wyatt to the regular course curriculum, students will complete additional projects and activities related to be program of study	HS Credit(s): 3 College Hour(s): NA Tier II AR06202AB 130052050 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier III ARH06202AB
Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Infered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt INPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of areer and technical education courses within the designated program of study. Students in this course will be hallenged with the application of gained knowledge and skills from prior Construction courses. Practicum apstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such is independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences include students working in a simulated environment, running an enterprise, or be involved in program-specific becal projects the school has approved for this class. Additional capstone experiences also include students eing selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Infered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt IONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB/H) addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Infered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt IONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB/H) addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Te	HS Credit(s): 3 College Hour(s): NA Tier II AR06202AB 130052050 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier III ARH06202AB 130052050 Grade level: 12 HS Credit(s): 2
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Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Infered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt INPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB) his practicum course is an unpaid capstone experience for students participating in a coherent sequence of areer and technical education courses within the designated program of study. Students in this course will be hallenged with the application of gained knowledge and skills from prior Construction courses. Practicum apstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such is independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences icclude students working in a simulated environment, running an enterprise, or be involved in program-specific becal projects the school has approved for this class. Additional capstone experiences also include students eing selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Infered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt INDORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB/H) n addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d iffered only at: Diamond Hill-Jarvis,	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b> AR06202AB 130052050 Grade level: 12 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> ARH06202AB 130052050 Grade level: 12 HS Credit(s): 2 College Hour(s): NA <b>Tier II</b>
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Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Iffered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt INPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB) his practicum course is an unpaid capstone experience for students participating in a coherent sequence of areer and technical education courses within the designated program of study. Students in this course will be hallenged with the application of gained knowledge and skills from prior Construction courses. Practicum apstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such is independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences icclude students working in a simulated environment, running an enterprise, or be involved in program-specific to al projects the school has approved for this class. Additional capstone experiences also include students eing selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Iffered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt INDORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB/H) n addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Iffered only at: Diamond Hill-Jarvis, Trimble Technical Education Department for related materials rerequisite(s): Construction Technology II/d Iffered only at: Diamond Hill-Jarvis, Trimble Tech, and OD Wyatt LECTRICAL TECHNOLOGY I AB (ELECTEC AB) n Electrical Technology I, students will gain knowledge and skills neede	HS Credit(s): 3 College Hour(s): NA Tier II AR06202AB 130052050 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier III ARH06202AB 130052050 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier II AR05602AB 13005600
Instructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d Infered only at: Diamond Hill-Jarvis, Trimble Technical, and OD Wyatt INPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB) his practicum course is an unpaid capstone experience for students participating in a coherent sequence of areer and technical education courses within the designated program of study. Students in this course will be hallenged with the application of gained knowledge and skills from prior Construction courses. Practicum apstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such is independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences icclude students working in a simulated environment, running an enterprise, or be involved in program-specific becal projects the school has approved for this class. Additional capstone experiences also include students eing selected to be a part of a work-based experience or industry training off-site, outside of school. <u>Istructional Material</u> : Contact Career and Technical, and OD Wyatt INONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY/D AB (PRACCONS AB/H) addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. <u>Istructional Material</u> : Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d maddition to the regular course curriculum, students will complete additional projects and activities related to the program of study. <u>Istructional Material</u> : Contact Career and Technical Education Department for related materials rerequisite(s): Construction Technology II/d <u>iffered only at: Diamond Hill-Jarvis, Trimble Technical</u> Education Department for related materials rerequisite(s): Construction Technology II/d <u>iffered only at: Diamond Hill-Jarvis, T</u>	HS Credit(s): 3 College Hour(s): NA Tier II AR06202AB 130052050 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier III ARH06202AB 130052050 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier II AR05602AB

Instructional Material: NCCER Electrical Level 1 Print and E-Text, Pearson	College Hour(s): NA
<u>Prerequisite(s)</u> : Principles of Construction	Tier III
Offered only at: Trimble Tech	
HONORS ELECTRICAL TECHNOLOGY I AB (ELECTEC AB/H)	ARH05602AB
In addition to the regular course curriculum, students will complete additional projects and activities related to	13005600
the program of study.	Grade level: 10 - 11
Instructional Material: NCCER Electrical Level 1 Print and E-Text, Pearson	HS Credit(s): 1
Prerequisite(s): Principles of Construction	College Hour(s): NA
Offered only at: Trimble Tech	Tier II
ELECTRICAL TECHNOLOGY II/D AB (ELECTECH2 AB) In Electrical Technology II, students will gain advanced knowledge and skills needed to enter the workforce as an	AR05702AB 13005700
electrician, a building maintenance technician, or a supervisor; prepare for a postsecondary degree in a specified	Grade level: 11 - 12
field of construction or construction management; or pursue an approved apprenticeship program. Students will	HS Credit(s): 2
acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment,	
alternating current and direct current motors, conductor installation, installation of electrical services, and	
electric lighting installation.	
Instructional Material: NCCER Electrical Level 2 Print and E-Text, Pearson	College Hour(s): NA
<u>Prerequisite(s)</u> : Electrical Technology I	Tier III
Offered only at: Trimble Tech	
HONORS ELECTRICAL TECHNOLOGY II/D AB (ELECTECH2 AB/H)	ARH05702AB
In In addition to the regular course curriculum, students will complete additional projects and activities related to	13005700
the program of study.	Grade level: 11 - 12
Instructional Material: NCCER Electrical Level 2 Print and E-Text, Pearson Prereguisite(s): Electrical Technology I	HS Credit(s): 2 College Hour(s): NA
Offered only at: Trimble Tech	Tier II
UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/D AB (PRACCT ELE AB)	AR05700AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	13005250
career and technical education courses within the designated program of study. In this course, students will be	Grade level: 12
challenged with the application of gained knowledge and skills from prior Construction courses. Practicum	HS Credit(s): 2
capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such as	
independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences include	
students working in a simulated environment, running an enterprise, or be involved in program-specific local	
projects the school has approved for this class. Additional capstone experiences also include students being	
selected to be a part of a work-based experience or industry training off-site, outside of school.	
selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d	College Hour(s): NA Tier III
selected to be a part of a work-based experience or industry training off-site, outside of school. <u>Instructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Electrical Technology II/d Offered only at: Trimble Tech	Tier III
selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/D AB	-
selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/D AB (PRACCT ELE AB/H)	Tier III ARH05700AB
selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/D AB (PRACCT ELE AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the	Tier III
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selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/D AB (PRACCT ELE AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study.	Tier III ARH05700AB 13005250 Grade level: 12
selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/D AB (PRACCT ELE AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d	Tier III ARH05700AB 13005250 Grade level: 12 HS Credit(s): 2
selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/D AB (PRACCT ELE AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech	Tier III ARH05700AB 13005250 Grade level: 12 HS Credit(s): 2 College Hour(s): NA
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selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/D AB (PRACCT ELE AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech PAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/EXTENDED AB (EXPRCT1 ELE AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career	Tier III ARH05700AB 13005250 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier II AR05712AB 13005255
selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/D AB (PRACCT ELE AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech PAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/EXTENDED AB (EXPRCT1 ELE AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. Practicum in Construction Technology,	Tier III ARH05700AB 13005250 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier II AR05712AB 13005255 Grade level: 12
selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/D AB (PRACCT ELE AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech PAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/EXTENDED AB (EXPRCT1 ELE AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. Practicum in Construction Technology, students will be challenged with the application of gained knowledge and skills from prior Construction courses. A	Tier III ARH05700AB 13005250 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier II AR05712AB 13005255
selected to be a part of a work-based experience or industry training off-site, outside of school. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/D AB (PRACCT ELE AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Electrical Technology II/d Offered only at: Trimble Tech PaiD PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/EXTENDED AB (EXPRCT1 ELE AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. Practicum in Construction Technology, students will be challenged with the application of gained knowledge and skills from prior Construction courses. A student must be a minimum age of 16 and hold a valid work documentation, such as a Social Security card, to	Tier III ARH05700AB 13005250 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier II AR05712AB 13005255 Grade level: 12
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HONORS PAID PRACTICUM IN CONSTRUCTION TECHNOLOGY: ELECTRICAL/EXTENDED AB (EXPRCT1 ELE AB/H)	ARH05712AB
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study.	13005255 Grade level: 12
<u>Instructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Electrical Technology II/d Offered only at: Trimble Tech	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b>
CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1 AB)	CP01121AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701121 Grade level: 11-12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): None	Tier III
CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)	CP001132AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701141 Grade level: 11-12 HS Credit(s): 3
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)	CP001142AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701122 Grade level: 11-12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION II FOR PROGRAMS OF STUDY/EXTENDED II AB (EXCPP 2 AB)	CP01402AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701132 Grade level: 11-12 HS Credit(s): 3
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA



# Arts, Audio Visual Technology, and Communication Arts

Graphic Design and Interactive Media: Graphic Design and Illustration Commercial Photography Fashion Design Animation Digital Gaming

## **Digital Communications**

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.

GRAPHIC DESIGN AND		Communications: AV08202 AB OR AVH08202 AB
	10th	Graphic Design and Illustration I <sup>1</sup> : AV08802 AB OR AVH08802 AB
GRAPHIC DESIGN AND		Graphic Design and Illustration II <sup>3</sup> : AV08810 AB OR AVH08810 AB OR Graphic Design and Illustration II/d <sup>2</sup> AV08902L AB OR AVH08902L AB
BRAPHIC DESIGN AND TREACTIVE MEDIA: CRAPHIC DESIGN AND INTERACTIVE MEDIA: CRAPHIC DESIGN AND AND INTERACTIVE MEDIA:	12th	Unpaid Practicum in Graphic Design and Illustration/d: AV09002 AB OR AVH09002 AB OR Paid Practicum in Graphic Design and Illustration: AV09012AB OR AVH09012AB OR Career Preparation for Programs of Study: CPPS 1 AB OR Extended Career Preparation for Programs of Study: EXCPPS 1 AB
Enrichment Courses:		
• Digital Media: IT27802 AB OR ITH27802 AB		
<ul> <li>Certification Options:</li> <li>Industry Certification Opportunities for Performance Adobe Certified Professional – InDesign<sup>2</sup></li> <li>Not counted towards Performance Acknowledgment: Available at:</li> </ul>	J	Adobe Certified Professional – Photoshop <sup>1</sup> ;
<ul> <li>Arlington Heights HS</li> <li>Benbrook HS</li> <li>Carter-Riverside HS</li> <li>Diamond Hill-Jarvis HS</li> <li>Dunbar HS</li> <li>Eastern Hills HS</li> <li>North Side HS</li> <li>OD Wyatt HS</li> </ul>	<ul><li>Paschal</li><li>Polytech</li><li>South H</li><li>Southwe</li></ul>	hnic HS • Young Women's Leadership Academy HS

The Design and Multimedia Arts program of study has 5 sub pathways. It explores the occupations and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. This program of study may also include exploration into designing clothing and accessories, and creating special effects, animation, or other visual images using film, video, computers, or other electronic tools and media, for use in computer games, movies, music videos, and commercials.

The Arts, A/V Technology and Communications (AAVTC) Career Cluster® focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design,



journalism, and entertainment services. Careers in the AAVTC Career Cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

Successful completion of the Design & Multimedia Arts program of study will fulfill requirements of a Business and Industry Endorsement. Revised – July 2020

Courses MUNICATIONS GR/ IN CO PHO PHO 9th Principles of Arts, A/V Technology, and **Communications:** AV08202 AB OR AVH08202 AB GRAPHIC DESIGN AND **Commercial Photography I**<sup>1</sup>: **INTERACTIVE MEDIA:** 10th AV09102 AB OR AVH09102 AB COMMERCIAL **Commercial Photography II/Lab**<sup>2</sup>: PHOTOGRAPHY 11th AV09202L AB OR AVH09202L AB **Unpaid Practicum in Commercial** Photography/d: AV09200 AB OR AVH09200 AB OR **Paid Practicum in Commercial Photography:** AV09210 AB OR AVH09210 AB 12th OR **Career Preparation for Programs** of Study: CPPS 1 AB OR **Extended Career Preparation for Program** of Study: EXCPPS 1 AB

## Enrichment Courses:

Digital Media: IT27802 AB OR ITH27802 AB Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Adobe Certified Professional – Photoshop<sup>1</sup>; Adobe Certified Professional – InDesign<sup>2</sup>
- Not counted towards Performance Acknowledgment: N/A

#### Available at:

- Trimble Technical HS (Only for students currently enrolled in this program of study)
- Southwest HS

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- Digital Media: IT27802 AB OR ITH27802 AB
- Fashion Marketing: MK34301 T OR MKH34301 T

Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Adobe Certified Professional Illustrator<sup>1</sup> •
- Not counted towards Performance Acknowledgment: N/A

## Available at:

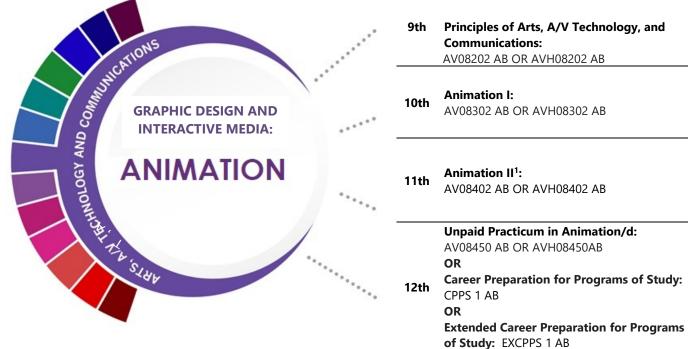
- Diamond Hill-Jarvis HS
- **Trimble Technical HS**

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Successful completion of the Design & Multimedia Arts program of study will fulfill requirements of a Business and Industry Endorsement. Revised - July 2020



#### Enrichment Courses:

Digital Media: IT27802 AB OR ITH27802 AB

#### Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Adobe Certified Professional After Effects<sup>1</sup>
- Not counted towards Performance Acknowledgment: N/A

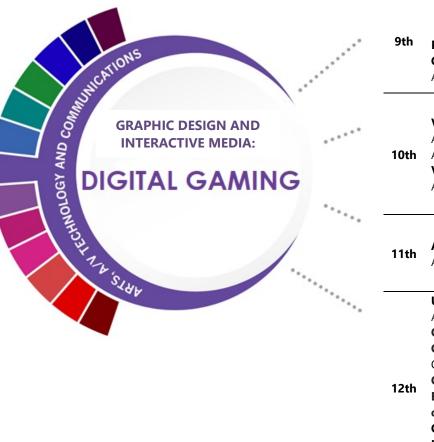
## Available at:

- South Hills HS
- North Side HS OD Wyatt HS
- Trimble Technical HS
- Polytechnic HS
- Western Hills HS

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9th Principles of Arts, A/V Technology, and Communications: AV08202 AB OR AVH08202 AB

#### Video Game Design<sup>1</sup>: AV00992 AB OR AVH00992 AB

10th AND Video Game Programming: AV00994 AB OR AVH00994 AB

**11th** Advanced Video Game Programming<sup>1</sup>: AV00995 AB OR AVH00995 AB

> Unpaid Practicum in Animation/d: AV08450 AB OR AVH08450AB OR Career Preparation for Programs of Study: CPPS 1 AB OR Extended Career Preparation for Programs of Study: EXCPPS 1 AB OR Independent Study in Technology Applications: 2144AB OR 2146AB OR 2148AB

### Enrichment Courses:

- Animation I: AV08302 AB OR AVH08302 AB
- Digital Media: IT27802 AB OR ITH27802 AB
- Certification Options:
- Industry Certification Opportunities for Performance Acknowledgment: Effects CodeHS Python Level 1 Certification<sup>1</sup>
- Not counted towards Performance Acknowledgment: N/A

## Available at:

South Hills HS

The Digital Communications program of study explores the occupations and educational opportunities associated with the production of audio and visual media formats for various purposes, such as TV broadcasts, advertising, video production, or motion pictures. This program of study may also include exploration into operating machines and equipment to record sound and images, such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment.

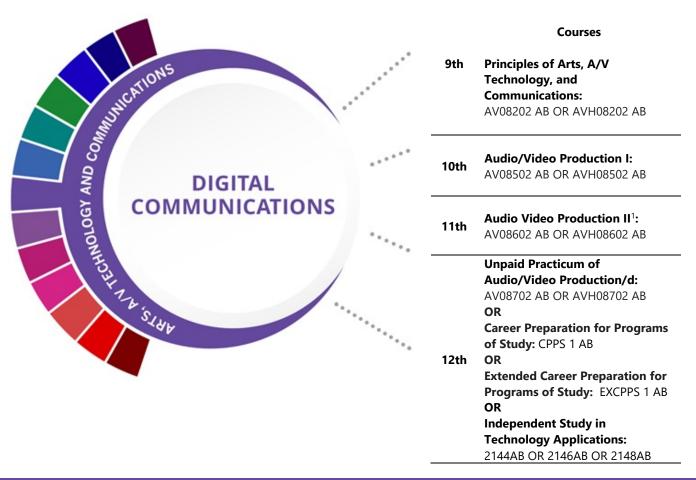


sound and mixing boards, and related electronic equipment.

The Arts, A/V Technology and Communications (AAVTC) Career Cluster® focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and

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Successful completion of the Design & Multimedia Arts program of study will fulfill requirements of a Business and Industry Endorsement. Revised - July 2020



- Digital Audio Technology I: AV00882 AB OR AVH00882 AB
- Digital Media: IT27802 AB OR ITH27802 AB

## Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Adobe Certified Professional Premier Pro<sup>1</sup>
- Not counted towards Performance Acknowledgment: N/A

## Available at:

- Polytechnic HS
- Southwest HS
- Trimble Technical HS
- Western Hills HS

The Digital Communications program of study explores the occupations and educational opportunities associated with the production of audio and visual media formats for various purposes, such as TV broadcasts, advertising, video production, or motion pictures. This program of study may also include exploration into operating machines and equipment to record sound and images, such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment.

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d entertainment services. Careers in the AAVTC Career Cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

Successful completion of the Digital Communications program of study will fulfill requirements of a Business and Industry Endorsement. Revised - July 202

## COURSE DESCRIPTIONS FOR ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS CLASSES

(PRINAAVTC AB)	AV08202AB
(FRINARY IC AB) The Arts, Audio Video Technology, and Communications career cluster require, in addition to creative aptitude, a	13008200
strong background in computer applications, a strong academic foundation, and a proficiency in oral and written	Grade level: 9 - 10
communications in this course, students are introduced to skills and a basic understanding of career	HS Credit(s): 1
opportunities and training requirements in the areas of audio video production, fashion design, printing and	
imaging technology, and graphic design and illustration. Within this context, students will be expected to	
develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge,	
skills, and educational requirements for those opportunities.	
Instructional Material: Principles of Arts, Audio and Video Technology and Communication Texas Student, Pearson	College Hour(s): NA
Education, Inc.	Tier III
Prerequisite(s): None. This course is a required prerequisite for ALL other courses in the Arts and AV cluster.	
Offered at: All Tier 1 comprehensive high schools	AV/1100202AD
HONORS PRINCIPLES OF ARTS, AUDIO VIDEO TECHNOLOGY, AND COMMUNICATIONS AB (PRINAAVTC AB/H)	AVH08202AB
(FRINARY IC AD/T) In addition to the regular course curriculum, students will complete additional projects and activities related to	13008200
the program of study.	Grade level: 9 - 10
Instructional Material: Principles of Arts, Audio and Video Technology and Communication Texas Student, Pearson	HS Credit(s): 1
Education, Inc.	College Hour(s): NA
Prerequisite(s): None. This course is a required prerequisite for ALL other courses in the Arts and AV cluster.	Tier II
Offered at: All Tier 1 comprehensive high schools	
AUDIO VIDEO PRODUCTION I AB (AVPROD AB)	AV08502AB
Careers in audio and video technology and film production span all aspects of the audio video communications	13008500
industry. Students will be expected to develop an understanding of the industry as they focus on pre-production,	Grade level: 10 - 11
production, and post-production audio and video activities. In this double-period course, students develop	HS Credit(s): 1
general video production skills necessary for successful employment in broadcasting video production. Students	
learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor	
equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct.	
Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prereguisite(s): Principles of Arts, A/V Technology, and Communications	College Hour(s): NA <b>Tier III</b>
Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills	
HONORS AUDIO VIDEO PRODUCTION I AB (AVPROD AB/H)	AVH08502AB
In addition to the regular course curriculum, students will complete additional projects and activities related to	13008500
the program of study.	Grade level: 10 – 12
Instructional Material: Learning Audio/Video Production, 2017 Ed., Pearson Publishing	HS Credit(s): 1
Prerequisite(s): Principles of Arts, A/V Technology, and Communications	College Hour(s): NA
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills	College Hour(s): NA Tier II
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB)	College Hour(s): NA Tier II AV08512AB
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications	College Hour(s): NA Tier II AV08512AB 13008510
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production,	College Hour(s): NA <b>Tier II</b> <b>AV08512AB</b> 13008510 Grade level: 10 - 11
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop	College Hour(s): NA Tier II AV08512AB 13008510
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills <b>AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB)</b> Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students	College Hour(s): NA <b>Tier II</b> <b>AV08512AB</b> 13008510 Grade level: 10 - 11
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor	College Hour(s): NA <b>Tier II</b> <b>AV08512AB</b> 13008510 Grade level: 10 - 11
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct.	College Hour(s): NA Tier II AV08512AB 13008510 Grade level: 10 - 11 HS Credit(s): 2
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing	College Hour(s): NA <b>Tier II</b> <b>AV08512AB</b> 13008510 Grade level: 10 - 11
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct.	College Hour(s): NA Tier II AV08512AB 13008510 Grade level: 10 - 11 HS Credit(s): 2 College Hour(s): NA
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications	College Hour(s): NA Tier II AV08512AB 13008510 Grade level: 10 - 11 HS Credit(s): 2 College Hour(s): NA
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest	College Hour(s): NA Tier II AV08512AB 13008510 Grade level: 10 - 11 HS Credit(s): 2 College Hour(s): NA Tier III
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D	College Hour(s): NA Tier II AV08512AB 13008510 Grade level: 10 - 11 HS Credit(s): 2 College Hour(s): NA Tier III
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study.	College Hour(s): NA Tier II AV08512AB 13008510 Grade level: 10 - 11 HS Credit(s): 2 College Hour(s): NA Tier III AVH08512AB
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Learning Audio/Video Production, 2017 Ed., Pearson Publishing	College Hour(s): NA <b>Tier II</b> <b>AV08512AB</b> 13008510 Grade level: 10 - 11 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>AVH08512AB</b> 13008510 Grade level: 10 - 12 HS Credit(s): 2
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest	College Hour(s): NA Tier II AV08512AB 13008510 Grade level: 10 - 11 HS Credit(s): 2 College Hour(s): NA Tier III AVH08512AB 13008510 Grade level: 10 - 12 HS Credit(s): 2 College Hour(s): NA
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Learning Audio/Video Production, 2017 Ed., Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Learning Audio/Video Production, 2017 Ed., Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest	College Hour(s): NA Tier II AV08512AB 13008510 Grade level: 10 - 11 HS Credit(s): 2 College Hour(s): NA Tier III AVH08512AB 13008510 Grade level: 10 – 12 HS Credit(s): 2 College Hour(s): NA Tier II
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Learning Audio/Video Production, 2017 Ed., Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Learning Audio/Video Production, 2017 Ed., Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest AUDIO VIDEO PRODUCTION II AB (AVPROD2 AB)	College Hour(s): NA Tier II AV08512AB 13008510 Grade level: 10 - 11 HS Credit(s): 2 College Hour(s): NA Tier III AVH08512AB 13008510 Grade level: 10 - 12 HS Credit(s): 2 College Hour(s): NA Tier II AV08602AB
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Learning Audio/Video Production, 2017 Ed., Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Learning Audio/Video Production, 2017 Ed., Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest AUDIO VIDEO PRODUCTION II AB (AVPROD2 AB) In Audio Video Production II, students will be expected to develop an advanced understanding of the industry	College Hour(s): NA Tier II AV08512AB 13008510 Grade level: 10 - 11 HS Credit(s): 2 College Hour(s): NA Tier III AVH08512AB 13008510 Grade level: 10 - 12 HS Credit(s): 2 College Hour(s): NA Tier II AV08602AB 13008600
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Learning Audio/Video Production, 2017 Ed., Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest AUDIO VIDEO PRODUCTION I AB (AVPROD2 AB) In Audio Video Production I, 2017 Ed., Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest AUDIO VIDEO PRODUCTION II AB (AVPROD2 AB) In Audio Video Production II AB (AVPROD2 AB) In Audio Video Production II, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production activities. This course may be implemented in	College Hour(s): NA Tier II AV08512AB 13008510 Grade level: 10 - 11 HS Credit(s): 2 College Hour(s): NA Tier III AVH08512AB 13008510 Grade level: 10 - 12 HS Credit(s): 2 College Hour(s): NA Tier II AV08602AB 13008600 Grade level: 11 - 12
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB) Careers in audio and video technology and film production span all aspects of the audio video communications industry. Students will be expected to develop an understanding of the industry as they focus on pre-production, production, and post-production audio and video activities. In this double-period course, students develop general video production skills necessary for successful employment in broadcasting video production. Students learn to operate video cameras, edit linear and nonlinear video, use audio techniques, control and monitor equipment, create media graphics, generate special effects, provide lighting, design sets, write scripts, and direct. Instructional Material: Learning Audio/Video Production, 2017 Ed. Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Learning Audio/Video Production, 2017 Ed., Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest HONORS AUDIO VIDEO PRODUCTION I AB/ AUDIO/VIDEO PRODUCTION I LAB/D (AVPLAB1 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study. Instructional Material: Learning Audio/Video Production, 2017 Ed., Pearson Publishing Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Southwest AUDIO VIDEO PRODUCTION II AB (AVPROD2 AB) In Audio Video Production II, students will be expected to develop an advanced understanding of the industry	College Hour(s): NA Tier II AV08512AB 13008510 Grade level: 10 - 11 HS Credit(s): 2 College Hour(s): NA Tier III AVH08512AB 13008510 Grade level: 10 - 12 HS Credit(s): 2 College Hour(s): NA Tier II AV08602AB 13008600

Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Audio Video Production I	Tier III
Offered only at: Polytechnic, Trimble Tech and Western Hills	AVH08602AB
HONORS AUDIO VIDEO PRODUCTION II AB (AVPROD2 AB/H) In addition to the regular course curriculum, students will complete additional projects and activities related to	13008600
In addition to the regular course curriculum, students will complete additional projects and activities related to the program of study.	Grade level: 11 - 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 1
Prerequisite(s): Audio Video Production I	College Hour(s): NA
Offered only at: Polytechnic, Trimble Tech, and Western Hills	Tier II
AUDIO VIDEO PRODUCTION II AB/ AUDIO/VIDEO PRODUCTION II LAB/D (AVPLAB2 AB)	AV08602LAB
n Audio Video Production II, students will be expected to develop an advanced understanding of the industry	13008610
with a focus on pre-production, production, and post-production activities. This course may be implemented in	Grade level: 11 - 12
an advanced format including both audio and video. The students will begin a portfolio of their video and audio	HS Credit(s): 2
production projects. This course includes a co-requisite lab, which affords necessary time devoted specifically to	
the production and post-production process.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Audio Video Production I	Tier III
Offered only at: Southwest	
HONORS AUDIO VIDEO PRODUCTION II AB/ AUDIO VIDEO PRODUCTION II LAB/D	AVH08602LAB
(AVPRO2L AB/H)	13008610
In addition to the regular course curriculum, students will complete additional projects and activities related to	Grade level: 11 - 12
the program of study.	HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Audio Video Production I	Tier II
Offered only at: Southwest	
UNPAID PRACTICUM IN AUDIO VIDEO PRODUCTION/D AB (PRACAVT AB)	AV08702AB 13008700
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. In this course, students will	Grade level: 12
be expected to develop an increasing understanding of the industry with a focus on applying pre-production,	HS Credit(s): 2
production, and post-production audio and video activities in a studio environment. This course may be	
implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based	
classroom experiences or career preparation opportunities. Practicum capstone experiences can occur in a	
variety of locations appropriate to the nature and level of experiences such as independent study,	
assistantships, mentorships, or laboratories. The various in-class capstone experiences include students working	
in a simulated environment, running an enterprise, or be involved in program-specific local projects the school	
has approved for this class. Additional capstone experiences also include students being selected to be a part of	
a work-based experience or industry training off-site, outside of school. Some students may be selected to	
participate in an unpaid externship with the FWISD instructional radio and television department to explore	
advanced techniques and theories in all areas of the media industry. Students will build a professional portfolio	
demonstrating skills in advanced video production, production of narrative media, advanced video	
screenwriting, production, and TV and radio news production.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Audio Video Production I and II	Tier III
Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills	
HONORS UNPAID PRACTICUM IN AUDIO VIDEO PRODUCTION/D AB (PRACAVT AB/H)	AVH08702AB
In addition to the regular course curriculum, students will complete additional projects and activities related to	13008700
the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 2
Prerequisite(s): Audio Video Production I and II Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills	College Hour(s): NA
Offered only at: Polytechnic, Southwest, Trimble Tech and Western Hills	Tier II
DIGITAL AUDIO TECHNOLOGY I AB (DIGAUD AB) Digital Audio Technology I was designed to provide students interested in audio production careers such as	AV00882AB 13009950
audio for radio and television broadcasting, audio for video and film, audio for animation and game design, music production and live sound, and additional opportunities and skill sets. Students will be expected to	Grade level: 10 - 11 HS Credit(s): 1
develop an understanding of the audio industry with a technical emphasis on production and critical-listening	
SKIIIS.	
skills. Instructional Material: <i>Learning Audio/Video Production, 2017 Ed.,</i> Pearson Publishing	College Hour(s): NA
skills. Instructional Material: <i>Learning Audio/Video Production, 2017 Ed.,</i> Pearson Publishing <u>Prerequisite(s)</u> : Principles of Arts, A/V Technology, and Communications	College Hour(s): NA <b>Tier III</b>

HONORS DIGITAL AUDIO TECHNOLOGY I AB (DIGAUD AB/H)	AVH00882AB
n addition to the regular course curriculum, students will complete additional projects and activities related to the program of study.	13009950 Grade level: 10 – 11
nstructional Material: Learning Audio/Video Production, 2017 Ed., Pearson Publishing	HS Credit(s): 1
Prerequisite(s): Principles of Arts, A/V Technology, and Communications	College Hour(s): NA
Offered only at: Polytechnic and Western Hills	Tier II
GRAPHIC DESIGN AND ILLUSTRATION I AB (GRAPHDI AB) Careers in graphic design and illustration span all aspects of the advertising and visual communications	AV08802AB 13008800
industries. Students will be expected to develop an understanding of the industry with a focus on fundamental	Grade level: 10 - 11
elements and principles of visual art and design. In this course, students will receive job-specific training for	HS Credit(s): 1
entry-level employment in advertising design careers. Instruction emphasizes creation and design of graphic	
materials for use as illustration, advertising, and computer graphics. Students will employ a creative design	
process to create original two- or three- dimensional projects; and apply art elements and principles to photographic works and multimedia applications.	
Instructional Material: Communicating Through Graphic Design, Davis Publications, Inc.	College Hour(s): NA
Prerequisite(s): Principles of Arts, A/V Technology, and Communications	Tier III
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North	
Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership	
Academy HONORS GRAPHIC DESIGN AND ILLUSTRATION I AB (GRAPHDI AB/H)	AVH08802AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13008800
activities related to the program of study.	Grade level: 10 – 11
Instructional Material: Communicating Through Graphic Design, Davis Publications, Inc.	HS Credit(s): 1
Prerequisite(s): Principles of Arts, A/V Technology, and Communications Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North	College Hour(s): NA <b>Tier II</b>
Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership	
Academy	
GRAPHIC DESIGN AND ILLUSTRATION FOR YEARBOOK I AB (GRAPHDI-YB 1AB)	AV08812AB
Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video	13008800
Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art, design, and written/visual	Grade level: 10 - 11 HS Credit(s): 1
communications. Students will communicate in a variety of forms such as print, digital, or online media for a	
variety of audiences and purposes. High school students are expected to plan, draft, and complete written	
and/or visual communications for the campus yearbook and carefully examine their copy for clarity, engaging	
language, and the correct use of the conventions and mechanics. Students are expected to become analytical consumers of media and technology to enhance their skills. Students will also apply publishing ethics and	
standards to the yearbook. Published works are5 used as tools for learning as students create, clarify, critique,	
write, and produce effective work. Students will refine and enhance their skills, research, and plan, and organize	
in order to successfully complete yearbook projects.	
Instructional Material: Communicating Through Graphic Design, Davis Publications, Inc. Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
HONORS GRAPHIC DESIGN AND ILLUSTRATION FOR YEARBOOK I AB (GRAPHDI-YB 1AB/H)	AVH08812AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13008800
activities related to the program of study.	Grade level: 10 - 11
	HS Credit(s): 1
Instructional Material: Communicating Through Graphic Design, Davis Publications, Inc. Prerequisite(s): None	College Hour(s): NA <b>Tier II</b>
GRAPHIC DESIGN AND ILLUSTRATION II AB (GRAPHDI2 AB)	AV08810AB
Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video	13008900
Technology, and Communications Career Cluster, students will be expected to develop an understanding of the	Grade level: 11 - 12
Industry with a focus on fundamental elements and principles of visual art and design.	HS Credit(s): 1
Instructional Material: Communicating Through Graphic, Davis Publications, Inc. Prerequisite(s): Graphic Design and Illustration I	College Hour(s): NA <b>Tier III</b>
Offered only al, Anington Heights, Bendrook, Carler-Riverside, Diamona Hill-Jarvis, Dundar, Eastern Hills, North	
Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy	
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy HONORS GRAPHIC DESIGN AND ILLUSTRATION II AB (GRAPHDI2 AB)	AVH08810AB
Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy HONORS GRAPHIC DESIGN AND ILLUSTRATION II AB (GRAPHDI2 AB) n addition to the regular course curriculum, students in the honors course will complete additional projects and	13008900
Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy HONORS GRAPHIC DESIGN AND ILLUSTRATION II AB (GRAPHDI2 AB) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13008900 Grade level: 11 – 12
Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy HONORS GRAPHIC DESIGN AND ILLUSTRATION II AB (GRAPHDI2 AB) In addition to the regular course curriculum, students in the honors course will complete additional projects and	13008900
Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy HONORS GRAPHIC DESIGN AND ILLUSTRATION II AB (GRAPHDI2 AB) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. <u>nstructional Material</u> : Communicating Through Graphic, Davis Publications, Inc.	13008900 Grade level: 11 – 12 HS Credit(s): 1

	AV08814AB
Within this context, in addition to developing advanced technical knowledge and skills needed for success in	13008900
the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an	Grade level: 11 - 12
advanced understanding of the industry with a focus on mastery of content knowledge and skills. Students will	HS Credit(s): 1
communicate in a variety of forms such as print, digital, or online media for a variety of audiences and	
purposes. High school students are expected to plan, draft, and complete written and/or visual communications	
for the campus yearbook and carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics. Students are expected to become analytical consumers of media and	
technology to enhance their skills. Students will also apply publishing ethics and standards to the yearbook.	
Published works are used as tools for learning as students create, clarify, critique, write, and produce effective	
work. Students will refine and enhance their skills, research, and plan, and organize in order to successfully	
complete yearbook projects.	
Instructional Material: Communicating Through Graphic, Davis Publications, Inc.	College Hour(s): NA
Prerequisite(s): Graphic Design and Illustration I	Tier III
HONORS GRAPHIC DESIGN AND ILLUSTRATION FOR YEARBOOK II AB (GRAPHDI-YB 2AB/H)	AVH08814AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13008900
activities related to the program of study.	Grade level: 11 - 12
	HS Credit(s): 1
nstructional Material: Communicating Through Graphic, Davis Publications, Inc.	College Hour(s): NA
Prerequisite(s): Graphic Design and Illustration I	Tier II
JNPAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION/D AB (PRACCGRADI AB)	AV09002AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	13009000
career and technical education courses within the designated program of study. Careers in graphic design and	Grade level: 12
Illustration span all aspects of the advertising and visual communications industry. In this course, students will be	HS Credit(s): 2
expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may	
be delivered through lab-based classroom experiences or career preparation opportunities. Practicum capstone	
experiences can occur in a variety of locations appropriate to the nature and level of experiences such as	
ndependent study, assistantships, mentorships, or laboratories. Students will build a professional portfolio	
demonstrating skills in Graphic Design and Illustration.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Graphic Design and Illustration II and Graphic Design and Illustration Lab II	Tier III
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North	
Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership	
Academy	
HONORS UNPAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION/D AB (PRACCGRADI AB/H)	AVH09002AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13009000 Crada laval: 12
activities related to the program of study.	Grade level: 12
<u>Instructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Graphic Design and Illustration I and II	HS Credit(s): 2
	College Hour(s): NA
	Tior II
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	Tier II
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy	
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy PAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION AB (PRACCGRAD2 AB)	AV09012AB
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy PAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION AB (PRACCGRAD2 AB) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	AV09012AB 13009000
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy PAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION AB (PRACCGRAD2 AB) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. In this course, students will be	<b>AV09012AB</b> 13009000 Grade level: 11 - 12
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy PAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION AB (PRACCGRAD2 AB) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. In this course, students will be challenged with the application of knowledge and skills from Graphic Design and Illustration at paid	AV09012AB 13009000
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy PAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION AB (PRACCGRAD2 AB) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. In this course, students will be challenged with the application of knowledge and skills from Graphic Design and Illustration at paid employment in the graphic design field. The co-requisite extension is included in the Practicum and is designed	<b>AV09012AB</b> 13009000 Grade level: 11 - 12
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Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy PAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION AB (PRACCGRAD2 AB) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. In this course, students will be challenged with the application of knowledge and skills from Graphic Design and Illustration at paid employment in the graphic design field. The co-requisite extension is included in the Practicum and is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any	<b>AV09012AB</b> 13009000 Grade level: 11 - 12
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy PAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION AB (PRACCGRAD2 AB) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. In this course, students will be challenged with the application of knowledge and skills from Graphic Design and Illustration at paid employment in the graphic design field. The co-requisite extension is included in the Practicum and is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the practicum learning experiences. In order to receive course credit, this course requires that students	<b>AV09012AB</b> 13009000 Grade level: 11 - 12
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Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy <b>PAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION AB (PRACCGRAD2 AB)</b> This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. In this course, students will be challenged with the application of knowledge and skills from Graphic Design and Illustration at paid employment in the graphic design field. The co-requisite extension is included in the Practicum and is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the practicum learning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course.	<b>AV09012AB</b> 13009000 Grade level: 11 - 12
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Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy <b>PAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION AB (PRACCGRAD2 AB)</b> This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. In this course, students will be challenged with the application of knowledge and skills from Graphic Design and Illustration at paid employment in the graphic design field. The co-requisite extension is included in the Practicum and is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the practicum learning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials	<b>AV09012AB</b> 13009000 Grade level: 11 - 12
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Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy PAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION AB (PRACCGRAD2 AB) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. In this course, students will be challenged with the application of knowledge and skills from Graphic Design and Illustration at paid employment in the graphic design field. The co-requisite extension is included in the Practicum and is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the practicum learning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Graphic Design and Illustration II Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North	<b>AV09012AB</b> 13009000 Grade level: 11 - 12 HS Credit(s): 3
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy PAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION AB (PRACCGRAD2 AB) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. In this course, students will be challenged with the application of knowledge and skills from Graphic Design and Illustration at paid employment in the graphic design field. The co-requisite extension is included in the Practicum and is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the practicum learning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the school year, are employed for <u>fifteen (15)</u> hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Graphic Design and Illustration II Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and YWLA	AV09012AB 13009000 Grade level: 11 - 12 HS Credit(s): 3
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, D.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership Academy PAID PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION AB (PRACCGRAD2 AB) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. In this course, students will be challenged with the application of knowledge and skills from Graphic Design and Illustration at paid employment in the graphic design field. The co-requisite extension is included in the Practicum and is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the practicum learning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the school year, are employed for <u>fifteen (15)</u> hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Pereequisite(s)</u> : Graphic Design and Illustration II Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and YWLA HONORS PAID PRACTI	AV09012AB 13009000 Grade level: 11 - 12 HS Credit(s): 3

Instructional Material: Contact Career and Technical Education Department for related materials	HS Cradit(c): 2
Instructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Graphic Design and Illustration II	HS Credit(s): 3 College Hour(s): NA
Offered only at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and Young Women's Leadership	Tier II
Academy	
COMMERCIAL PHOTOGRAPHY I AB (COMMPHOT AB)	AV09102AB
Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to	13009100 Crada laval: 10 11
delivering products in a competitive market. Within this context, students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs. Emphasis	Grade level: 10 - 11 HS Credit(s): 1
is on the basics of photography, commercial composition, print-making, and finishing. In this course, students	
will analyze principles of commercial photography such as working with clients, interpreting client	
instructions, developing production schedules, and delivering products in a competitive market. They will	
produce a variety of photographs using current, industry-standard production processes; and evaluate	
photographs using principles of art, commercial photography standards, and critical-thinking skills.	
Instructional Material: Photography: Portfolio to Profession, Goodheart-Willcox Co. Prerequisite(s): Principles of Arts, A/V Technology, and Communications	College Hour(s): NA <b>Tier III</b>
Offered only at: Trimble Tech	ner m
HONORS COMMERCIAL PHOTOGRAPHY I AB (COMMPHOT AB/H)	AVH09102AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13009100
activities related to the program of study.	Grade level: 10 - 11
nstructional Material: Photography: Portfolio to Profession, Goodheart-Willcox Co.	HS Credit(s): 1
Prerequisite(s): Principles of Arts, A/V Technology, and Communications	College Hour(s): NA
Offered only at: Trimble Tech	Tier II
COMMERCIAL PHOTOGRAPHY II/COMMERCIAL PHOTOGRAPHY II LAB/D AB (CPHLAB2 AB) Careers in commercial photography span all aspects of the industry from setting up a shot to delivering	AV09202LAB 13009210
products in a competitive market. Within this context, students in this advanced course will develop additional	Grade level: 11 - 12
technical knowledge and skills needed for success in the field of commercial photography. They will also be	HS Credit(s): 2
expected to develop an understanding of the commercial photography industry with a focus on producing,	
promoting, and presenting professional quality photographs. Students in this advanced class will work toward	
Adobe certifications that will provide a performance acknowledgement for their Business and Industry	
Endorsement. This course includes a co- requisite lab, which affords necessary time devoted to master the content in Commercial Photography II. Each student will maintain a career portfolio to document work	
experiences, licenses, certifications, and work samples.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Commercial Photography I	Tier III
Offered only at: Trimble Tech	
HONORS COMMERCIAL PHOTOGRAPHY II/COMMERCIAL PHOTOGRAPHY II LAB/D AB (CPHLAB2 AB/H)	AVH09202LAB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13009210
activities related to the program of study.	Grade level: 11 - 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 2
Prerequisite(s): Commercial Photography I	College Hour(s): NA
Offered only at: Trimble Tech	Tier II
UNPAID PRACTICUM IN COMMERCIAL PHOTOGRAPY/D AB (PRACCPH1 AB) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career	AV09200AB 13009250
and technical education courses within the designated program of study. Careers in commercial photography	Grade level: 12
span all aspects of the industry from setting up a shot to delivering products in a competitive market. In This	HS Credit(s): 2
course, students will be expected to develop an advanced technical understanding of the commercial	
photography industry with a focus on producing, promoting, and presenting professional quality photographs.	
Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and level of	
experiences such as independent study, assistantships, mentorships, or laboratories. The various in-class capstone	
experiences include students working in a simulated environment, running an enterprise, or be involved in	
program-specific local projects the school has approved for this class. Additional capstone experiences also	
include students being selected to be a part of a work-based experience or industry training off-site, outside of	
school. Students will build a professional portfolio demonstrating skills in Commercial Photography.	<u></u>
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
	Tier III
Offered only at: Trimble Tech	
Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN COMMERCIAL PHOTOGRAPY/D AB (PRACCPH1 AB/H)	AVH09200AB 13009250
Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN COMMERCIAL PHOTOGRAPY/D AB (PRACCPH1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	AVH09200AB
Prerequisite(s): Commercial Photography II or Commercial Photography Lab II Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN COMMERCIAL PHOTOGRAPY/D AB (PRACCPH1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials	<b>AVH09200AB</b> 13009250
Offered only at: Trimble Tech HONORS UNPAID PRACTICUM IN COMMERCIAL PHOTOGRAPY/D AB (PRACCPH1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Commercial Photography II or Commercial Photography Lab II	AVH09200AB 13009250 Grade level: 12 HS Credit(s): 2 College Hour(s): NA
Differed only at: Trimble Tech HONORS UNPAID PRACTICUM IN COMMERCIAL PHOTOGRAPY/D AB (PRACCPH1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials	<b>AVH09200AB</b> 13009250 Grade level: 12 HS Credit(s): 2

PAID PRACTICUM IN COMMERCIAL PHOTOGRAPY/EXTENDED AB (EXPRCPH1 AB)	AV09210AB
his practicum course is an unpaid capstone experience for students participating in a coherent sequence of career	13009255
nd technical education courses within their designated program of study. In this course, students will be	Grade level: 12
hallenged with the application of knowledge and skills from Commercial Photography at paid employment in the	HS Credit(s): 3
hotography field. The co-requisite extension is included in the Practicum and is designed to give students	
upervised practical application of previously studied knowledge and skills. A student must be a minimum age of	
6 and hold valid work documentation, such as a Social Security card, to enroll in any of the practicum	
earning experiences. In order to receive course credit, this course requires that students make a full year	
ommitment to this course and their employment, must have related classroom instruction that averages one	
lass period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30 hours	
cross two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included uring the school day or outside of school hours. If work hours are during the school day, students can be	
cheduled for work release (noncredit) periods to work as long as work release does not jeopardize students'	
rojected graduation plan.	
Istructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
rerequisite(s): Commercial Photography II or Commercial Photography Lab II	Tier III
)ffered only at: Trimble Tech	
IONORS PAID PRACTICUM IN COMMERCIAL PHOTOGRAPY/EXTENDED AB (EXPRCPH1 AB/H)	AVH09210AB
addition to the regular course curriculum, students in the honors course will complete additional projects and	13009255
ctivities related to the program of study.	Grade level: 12
nstructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 3
r <u>erequisite(s)</u> : Commercial Photography II or Commercial Photography Lab II	College Hour(s): NA
Offered only at: Trimble Tech	Tier II
ASHION DESIGN I AB (FASHDSN AB)	AV09302AB
areers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to	13009300
leveloping technical knowledge and skills needed for success in the Arts, Audio Video Technology, and	Grade level: 10 - 11
ommunications career cluster, students will be expected to develop an understanding of fashion and the	HS Credit(s): 1
extile and apparel industries. Students learn to manage a clothing budget, to construct, repair and alter	
pparel, to plan and maintain an appropriate wardrobe, and to identify quality apparel construction.	
nstructional Material: ICEV Business, Marketing, Finance, IT & Media Site, CEV Multimedia Ltd.	College Hour(s): NA
rerequisite(s): Principles of Arts, A/V Technology, and Communications	Tier III
Offered only at: Diamond Hill-Jarvis and Trimble Tech	A)/U0020245
IONORS FASHION DESIGN I AB (FASHDSN AB/H)	AVH09302AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and ctivities related to the program of study.	13009300 Grade level: 10 - 11
nstructional Material: CEV Business, Marketing, Finance, IT & Media Site, CEV Multimedia Ltd.	Grade level: 10 - 11 HS Credit(s): 1
<u>rerequisite(s)</u> : Principles of Arts, A/V Technology, and Communications	College Hour(s): NA
Terequisite(s). Principles of Arts, Av Technology, and Communications Offered only at: Diamond Hill-Jarvis and Trimble Tech	Tier II
ASHION DESIGN II/ FASHION DESIGN II LAB/D AB (FASLAB2 AB)	AV09402LAB
areers in fashion span all aspects of the textile and apparel industries. Students will be expected to develop an	13009410
dvanced understanding of fashion, with emphasis on design and production. In this double-period course,	Grade level: 11 - 12
tudents will examine textile design and production, and apparel design practices and influences. Topics include	HS Credit(s): 2
bers, fabrics, textile and apparel manufacturing systems, product marketing techniques, technology	
pplications, and the international impact of textiles and apparel industries, federal regulations, and career	
ptions. Students will create a portfolio of fashion designs that include fashion figure drawing; application of	
esign elements and principles to create fashion drawings; demonstration of the properties and characteristics of	
olor; original computer-aided fashion designs; and examples of appropriate textiles to use in specific designs.	
his course includes a co-requisite lab, which affords necessary time devoted to master the content in Fashion	
lesign II.	
nstructional Material: ICEV Business, Marketing, Finance, IT & Media Site, CEV Multimedia Ltd.	College Hour(s): NA
rerequisite(s): Fashion Design I	Tier III
Iffered only at: Diamond Hill-Jarvis and Trimble Tech	
IONORS FASHION DESIGN II/ FASHION DESIGN II LAB/D AB (FASLAB2 AB/H)	AVH09402LAB
	13009410
addition to the regular course curriculum, students in the honors course will complete additional projects	Grade level: 11 - 12
n addition to the regular course curriculum, students in the honors course will complete additional projects nd activities related to the program of study.	
n addition to the regular course curriculum, students in the honors course will complete additional projects nd activities related to the program of study. <u>Istructional Material</u> : <i>ICEV Business, Marketing, Finance, IT &amp; Media Site,</i> CEV Multimedia Ltd.	HS Credit(s): 2
addition to the regular course curriculum, students in the honors course will complete additional projects nd activities related to the program of study.	

UNPAID PRACTICUM IN ENTREPRENEURSHIP AB (PRACENTRE AB)	MK34801AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	13011111
career and technical education courses within the designated program of study. In addition to developing	Grade level: 12
advanced technical knowledge and skills needed for success in the career fields of interest, students will be	HS Credit(s): 2
expected to develop an increasing understanding of the industry with a focus on applying management,	
finances, product development, and other entrepreneurship concepts in a professional environment Instruction	
may be delivered through lab-based classroom experiences or career preparation opportunities. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such	
as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences	
nclude students working in a simulated environment, running an enterprise, or be involved in program-specific	
ocal projects the school has approved for this class. Additional capstone experiences also include students	
being selected to be a part of a work-based experience or industry training off-site, outside of school. Students	
will build a professional portfolio demonstrating skills in Entrepreneurship.	
Instructional Material: Contact Career and Technical Education Department for related materials.	College Hour(s): NA
Prerequisite(s): Fashion Design II	Tier III
Offered only at: Diamond Hill-Jarvis and Trimble Tech	
HONORS UNPAID PRACTICUM IN ENTREPRENEURSHIP AB (PRACENTRE AB/H)	MKH34801AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13011111
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials.	HS Credit(s): 2
Prerequisite(s): Fashion Design II	College Hour(s): NA
Offered only at: Diamond Hill-Jarvis and Trimble Tech	Tier II
FASHION MARKETING T (FASHMKTG T)	MK34301T
This specialized course is for students who have a career interest in apparel, fashion, and/or accessory	13034300
marketing. Instruction will cover all aspects of the industry. Students in this course will focus on each of the	Grade level: 11-12
functions of marketing and how they relate to the fashion industry. Students will be able to apply these principles	HS Credit(s): 0.5
and concepts in marketing in their careers and in everyday life. Students in Fashion Marketing will gain a	
working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and	
career opportunities in this field.	
Instructional Material: ICEV Business, Marketing, Finance, IT & Media Site, CEV Multimedia Ltd.	College Hour(s): NA
<u>Prerequisite(s)</u> : Principles of Business, Marketing, and Finance or Fashion Design I Course can only be taught by a marketing or family consumer science certified teacher.	Tier III
Course can only be taught by a marketing or family consumer science certified teacher. Offered only at: Arlington Heights, Diamond Hill-Jarvis, Paschal and Trimble Tech	
HONORS FASHION MARKETING T (FASHMKTG T/H)	MKH34301T
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13034300
activities related to the program of study.	Grade level: 11 - 12
Instructional Material: ICEV Business, Marketing, Finance, IT & Media Site, CEV Multimedia Ltd.	HS Credit(s): 0.5
Prerequisite(s): Principles of Business, Marketing, and Finance or Fashion Design I	College Hour(s): NA
Offered only at: Arlington Heights, Diamond Hill-Jarvis, Paschal and Trimble Tech	Tier II
DIGITAL MEDIA AB (DIMEDIA AB)	IT27802AB
Through the study of Digital Media and its application in information technology, students will analyze and assess	13027800
current and emerging technologies, while designing and creating multimedia projects that address customer needs	Grade level: 10 - 11
and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving	HS Credit(s): 1
workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform	
and interact in a technology-driven society. This course will prepare students to prepare to take several Adobe	
certification exams in areas such as Photoshop, Dreamweaver, InDesign, or Illustrator. These certifications will provide	
a performance acknowledgement for the Business and Industry Endorsement.	
Instructional Material Mader Constant and Augustantian Att Fait' 2017 C	College Hour(s): NA
Prerequisite(s): Principles of Arts and A/V or Business Information Management I	Tier III
Instructional Material: Digital Media – Concepts and Applications 4th Edition 2017; Cengage Learning <u>Prerequisite(s)</u> : Principles of Arts and A/V or Business Information Management I <b>HONORS DIGITAL MEDIA AB (DIMEDIA AB/H)</b>	ITH27802AB
Prerequisite(s): Principles of Arts and A/V or Business Information Management I HONORS DIGITAL MEDIA AB (DIMEDIA AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	<b>ITH27802AB</b> 13027800
Prerequisite(s): Principles of Arts and A/V or Business Information Management I HONORS DIGITAL MEDIA AB (DIMEDIA AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	<b>ITH27802AB</b> 13027800 Grade level: 10 – 11
Prerequisite(s): Principles of Arts and A/V or Business Information Management I HONORS DIGITAL MEDIA AB (DIMEDIA AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	<b>ITH27802AB</b> 13027800 Grade level: 10 – 11 HS Credit(s): 1
Prerequisite(s): Principles of Arts and A/V or Business Information Management I HONORS DIGITAL MEDIA AB (DIMEDIA AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	<b>ITH27802AB</b> 13027800 Grade level: 10 – 11 HS Credit(s): 1 College Hour(s): NA
Prerequisite(s): Principles of Arts and A/V or Business Information Management I HONORS DIGITAL MEDIA AB (DIMEDIA AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. <u>nstructional Material</u> : <i>Digital Media – Concepts and Applications 4th Edition 2017;</i> Cengage Learning <u>Prerequisite(s)</u> : Principles of Arts and A/V or Business Information Management I	ITH27802AB 13027800 Grade level: 10 – 11 HS Credit(s): 1 College Hour(s): NA Tier II
Prerequisite(s): Principles of Arts and A/V or Business Information Management I HONORS DIGITAL MEDIA AB (DIMEDIA AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Digital Media – Concepts and Applications 4th Edition 2017; Cengage Learning Prerequisite(s): Principles of Arts and A/V or Business Information Management I ANIMATION I AB (ANIMAT1 AB)	ITH27802AB 13027800 Grade level: 10 – 11 HS Credit(s): 1 College Hour(s): NA Tier II AV08302AB
Prerequisite(s): Principles of Arts and A/V or Business Information Management I HONORS DIGITAL MEDIA AB (DIMEDIA AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Digital Media – Concepts and Applications 4th Edition 2017; Cengage Learning Prerequisite(s): Principles of Arts and A/V or Business Information Management I ANIMATION I AB (ANIMAT1 AB) Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical	ITH27802AB 13027800 Grade level: 10 – 11 HS Credit(s): 1 College Hour(s): NA Tier II AV08302AB 13008300
Prerequisite(s): Principles of Arts and A/V or Business Information Management I HONORS DIGITAL MEDIA AB (DIMEDIA AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Digital Media – Concepts and Applications 4th Edition 2017; Cengage Learning Prerequisite(s): Principles of Arts and A/V or Business Information Management I ANIMATION I AB (ANIMAT1 AB) Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for creating motion graphics, students will be expected to develop an understanding	ITH27802AB 13027800 Grade level: 10 – 11 HS Credit(s): 1 College Hour(s): NA Tier II AV08302AB 13008300 Grade level: 11 - 12
Prerequisite(s): Principles of Arts and A/V or Business Information Management I HONORS DIGITAL MEDIA AB (DIMEDIA AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Digital Media – Concepts and Applications 4th Edition 2017; Cengage Learning Prerequisite(s): Principles of Arts and A/V or Business Information Management I ANIMATION I AB (ANIMAT1 AB) Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for creating motion graphics, students will be expected to develop an understanding of the history and techniques of the animation industry. This course includes a co-requisite lab, which affords	ITH27802AB 13027800 Grade level: 10 – 11 HS Credit(s): 1 College Hour(s): NA Tier II AV08302AB 13008300 Grade level: 11 - 12 HS Credit(s): 1
Prerequisite(s): Principles of Arts and A/V or Business Information Management I HONORS DIGITAL MEDIA AB (DIMEDIA AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Digital Media – Concepts and Applications 4th Edition 2017; Cengage Learning Prerequisite(s): Principles of Arts and A/V or Business Information Management I ANIMATION I AB (ANIMAT1 AB) Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for creating motion graphics, students will be expected to develop an understanding	ITH27802AB 13027800 Grade level: 10 – 11 HS Credit(s): 1 College Hour(s): NA Tier II AV08302AB 13008300 Grade level: 11 - 12
Prerequisite(s): Principles of Arts and A/V or Business Information Management I HONORS DIGITAL MEDIA AB (DIMEDIA AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Digital Media – Concepts and Applications 4th Edition 2017; Cengage Learning Prerequisite(s): Principles of Arts and A/V or Business Information Management I ANIMATION I AB (ANIMAT1 AB) Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for creating motion graphics, students will be expected to develop an understanding of the history and techniques of the animation industry. This course includes a co-requisite lab, which affords necessary time devoted to master the content in Animation I through projects and take the Adobe certification to	ITH27802AB           13027800           Grade level: 10 – 11           HS Credit(s): 1           College Hour(s): NA           Tier II           AV08302AB           13008300           Grade level: 11 - 12           HS Credit(s): 1           College Hour(s): NA

Instructional Material: Contact Career and Technical Education Department for related materials

Prerequisite(s): Principles of Arts and AV and Digital Media, Graphic Design and Illustration I, or Video Game Design

HONORS ANIMATION I AB (ANIMAT1 AB/H)	AVH08302AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13008300
activities related to the program of study.	Grade level: 11 - 12
	HS Credit(s): 1
Prerequisite(s): Principles of Arts and AV and Digital Media, Graphic Design and Illustration I, or Video Game Design	College Hour(s): NA
Offered only at: North Side, OD Wyatt, Polytechnic, Trimble Tech, and Western Hills	Tier II
	AV08402AB
Careers in animation span all aspects of motion graphics. Within this context, students will be expected to create	13008400
wo- and three-dimensional animations. The instruction in this class also assists students will be expected to create animation industry. This course includes a co-requisite lab, which affords necessary time devoted to master the content in Animation II through projects and take the Adobe certification to become an Adobe Certified Professional in Animate. This industry certification provides a performance acknowledgement for the Business and Industry Endorsement.	Grade level: 11-12 HS Credit(s): 1
	College Hour(s): NA
Prerequisite(s): Animation I and Animation I Lab	Tier II
Offered only at: North Side, OD Wyatt, Polytechnic, Trimble Tech, and Western Hills	
HONORS ANIMATION II (ANIMAT2 AB/H)	AVH08402AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13008400
activities related to the program of study.	Grade level: 11-12
nstructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 1
	College Hour(s): NA
Offered only at: North Side, OD Wyatt, Polytechnic, Trimble Tech, and Western Hills	Tier II
	AV08450AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	13008450
	Grade level: 12
expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production animation products in a professional environment. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such as	HS Credit(s): 2
ndependent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences nclude students working in a simulated environment, running an enterprise, or be involved in program-specific ocal projects the school has approved for this class. Additional capstone experiences also include students being selected to be a part of a work-based experience or industry training off-site, outside of school. Students will build a professional portfolio demonstrating skills in Animation.	
<u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Animation I Offered only at: Arlington Heights, Northside, OD Wyatt, South Hills, and Trimble Tech	College Hour(s): NA <b>Tier III</b>
	AVH08450AB
HONORS UNPAID PRACTICUM IN ANIMATION AB/H (PRACANI1 AB/H)	
HONORS UNPAID PRACTICUM IN ANIMATION AB/H (PRACANI1 AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and	13008450
HONORS UNPAID PRACTICUM IN ANIMATION AB/H (PRACANI1 AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13008450 Grade level: 12
HONORS UNPAID PRACTICUM IN ANIMATION AB/H (PRACANI1 AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials	13008450 Grade level: 12 HS Credit(s): 2
HONORS UNPAID PRACTICUM IN ANIMATION AB/H (PRACANI1 AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. <u>Instructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Animation I	13008450 Grade level: 12 HS Credit(s): 2 College Hour(s): NA
HONORS UNPAID PRACTICUM IN ANIMATION AB/H (PRACANI1 AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Animation I <u>Offered only at: Arlington Heights, Northside, OD Wyatt, South Hills, and Trimble Tech</u>	13008450 Grade level: 12 HS Credit(s): 2 College Hour(s): NA <b>Tier II</b>
HONORS UNPAID PRACTICUM IN ANIMATION AB/H (PRACANI1 AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Animation I <u>Offered only at: Arlington Heights, Northside, OD Wyatt, South Hills, and Trimble Tech</u> <b>VIDEO GAME DESIGN AB (VIDEOGD AB)</b>	13008450 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier II AV00992AB
HONORS UNPAID PRACTICUM IN ANIMATION AB/H (PRACANI1 AB/H)         n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.         nstructional Material: Contact Career and Technical Education Department for related materials         Perequisite(s): Animation I         Offered only at: Arlington Heights, Northside, OD Wyatt, South Hills, and Trimble Tech         VIDEO GAME DESIGN AB (VIDEOGD AB)         n Video Game Design, the student will be provided the opportunity to design, program, and create a functional video game. The course will introduce basic programming language and skills that are essential to developing a video game. Topics covered are math, physics, design, and computer programming. This course will instruct students on how to apply the design or problem-solving process in order to create a real-world solution and	13008450 Grade level: 12 HS Credit(s): 2 College Hour(s): NA <b>Tier II</b>
HONORS UNPAID PRACTICUM IN ANIMATION AB/H (PRACANI1 AB/H)         n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.         nstructional Material: Contact Career and Technical Education Department for related materials         Perequisite(s): Animation I         Offered only at: Arlington Heights, Northside, OD Wyatt, South Hills, and Trimble Tech         VIDEO GAME DESIGN AB (VIDEOGD AB)         n Video Game Design, the student will be provided the opportunity to design, program, and create a functional rideo game. The course will introduce basic programming language and skills that are essential to developing a rideo game. Topics covered are math, physics, design, and computer programming. This course will instruct students on how to apply the design or problem-solving process in order to create a real-world solution and earn the basics of programming structure and functions.	13008450 Grade level: 12 HS Credit(s): 2 College Hour(s): NA <b>Tier II</b> <b>AV00992AB</b> 13009970 Grade level: 10 - 11 HS Credit(s): 1
HONORS UNPAID PRACTICUM IN ANIMATION AB/H (PRACANI1 AB/H)         n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.         nstructional Material: Contact Career and Technical Education Department for related materials         Perequisite(s): Animation I         Offered only at: Arlington Heights, Northside, OD Wyatt, South Hills, and Trimble Tech         VIDEO GAME DESIGN AB (VIDEOGD AB)         n Video Game Design, the student will be provided the opportunity to design, program, and create a functional rideo game. The course will introduce basic programming language and skills that are essential to developing a rideo game. Topics covered are math, physics, design, and computer programming. This course will instruct students on how to apply the design or problem-solving process in order to create a real-world solution and earn the basics of programming structure and functions.	13008450 Grade level: 12 HS Credit(s): 2 College Hour(s): NA <b>Tier II</b> <b>AV00992AB</b> 13009970 Grade level: 10 - 11
Addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Pererequisite(s): Animation I Differed only at: Arlington Heights, Northside, OD Wyatt, South Hills, and Trimble Tech VIDEO GAME DESIGN AB (VIDEOGD AB) In Video Game Design, the student will be provided the opportunity to design, program, and create a functional video game. The course will introduce basic programming language and skills that are essential to developing a video game. Topics covered are math, physics, design, and computer programming. This course will instruct students on how to apply the design or problem-solving process in order to create a real-world solution and earn the basics of programming structure and functions. Instructional Material: Video Game Design Foundations, Goodheart-Willcox Co., Prerequisite(s): Principles of Arts, Audio Video Technology and Communications Offered only at: South Hills	13008450 Grade level: 12 HS Credit(s): 2 College Hour(s): NA <b>Tier II</b> <b>AV00992AB</b> 13009970 Grade level: 10 - 11 HS Credit(s): 1 College Hour(s): NA
Addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Animation I <u>Offered only at: Arlington Heights, Northside, OD Wyatt, South Hills, and Trimble Tech</u> <b>VIDEO GAME DESIGN AB (VIDEOGD AB)</b> n Video Game Design, the student will be provided the opportunity to design, program, and create a functional video game. The course will introduce basic programming language and skills that are essential to developing a video game. Topics covered are math, physics, design, and computer programming. This course will instruct students on how to apply the design or problem-solving process in order to create a real-world solution and earn the basics of programming structure and functions. <u>nstructional Material</u> : Video Game Design Foundations, Goodheart-Willcox Co., <u>Prerequisite(s)</u> : Principles of Arts, Audio Video Technology and Communications Offered only at: South Hills <b>HONORS VIDEO GAME DESIGN AB (VIDEOGD AB/H)</b>	13008450 Grade level: 12 HS Credit(s): 2 College Hour(s): NA <b>Tier II</b> AV00992AB 13009970 Grade level: 10 - 11 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b>
HONORS UNPAID PRACTICUM IN ANIMATION AB/H (PRACANI1 AB/H)         n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.         nstructional Material: Contact Career and Technical Education Department for related materials         Perequisite(s): Animation 1         Offered only at: Arlington Heights, Northside, OD Wyatt, South Hills, and Trimble Tech         VIDEO GAME DESIGN AB (VIDEOGD AB)         n Video Game Design, the student will be provided the opportunity to design, program, and create a functional video game. The course will introduce basic programming language and skills that are essential to developing a video game. Topics covered are math, physics, design, and computer programming. This course will instruct students on how to apply the design or problem-solving process in order to create a real-world solution and earn the basics of programming structure and functions.         nstructional Material: Video Game Design Foundations, Goodheart-Willcox Co.,         Prerequisite(s): Principles of Arts, Audio Video Technology and Communications Offered only at: South Hills         HONORS VIDEO GAME DESIGN AB (VIDEOGD AB/H)         n addition to the regular course curriculum, students in the honors course will complete additional projects and	13008450 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier II AV00992AB 13009970 Grade level: 10 - 11 HS Credit(s): 1 College Hour(s): NA Tier III AVH00992AB

VIDEO GAME PROGRAMMING AB (VIDEOPR AB)	AV00994AB
ideo Game Programming expands on the foundation created in Video Game Design through programming	N1300994
anguages such as: C# programming, XNA game studio, Java, and Android App. In this course, students will	Grade level: 10-11
nvestigate the inner workings of a fully functional role-playing game (RPG) by customizing playable characters,	HS Credit(s): 1
ems, maps, and chests and eventually applying customizations by altering and enhancing the core game code.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): None	Tier III
Offered only at: South Hills	
HONORS VIDEO GAME PROGRAMMING AB (VIDEOPR AB)-	AVH00994AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	N1300994
activities related to the program of study.	Grade level: 10-11
nstructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 1
<u>Prerequisite(s)</u> : None	College Hour(s): NA
Offered only at: South Hills	Tier II
ADVANCED VIDEO GAME PROGRAMMING AB (ADVIDEOGP AB)	AV00995AB
Advanced Video Game Programming students will be introduced to mobile application design and	N1300995
programming using Java and Eclipse for Android devices. Time will be spent learning basic Java programming	Grade level: 11-12
and working with Android Studio to develop real working apps. Using Unity as an introduction to 3D game	HS Credit(s): 1
development, students will have exposure to and an understanding of object-oriented programming concepts;	
game development skill with programs such as Unity; 3D modeling with programs such as Blender; image	
nanipulation with programs such as GIMP; concepts related to the design process; and the ability to	
communicate and collaborate on group-based projects.	<u> </u>
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): None	Tier III
Recommended Prerequisite(s): Video Game Programming	
Offered only at: South Hills	
HONORS ADVANCED VIDEO GAME PROGRAMMING AB (ADVIDEOGP AB/H)	AVH00995AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	N1300995
activities related to the program of study.	Grade level: 11-12
nstructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 1
Prerequisite(s): None	College Hour(s): NA
Recommended Prerequisite(s): Video Game Programming	Tier II
Offered only at: South Hills CAREER PREPARATION I FOR PROGRAMS OF STUDY I AB (CPPS 1 AB)	CP01121AB
This course is a paid capstone experience for CTE students who have found employment for the school year within	12701121
their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold	Grade level: 11-12
	HS Credit(s): 2
to receive course credit, this course requires that students make a full year commitment to this course and their	HS Credit(s): 2
to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or	HS Credit(s): 2
to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work	HS Credit(s): 2
to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day,	HS Credit(s): 2
to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize	HS Credit(s): 2
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to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course. <u>Instructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s):</u> None <b>CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)</b>	College Hour(s): NA Tier III CP001132AB
to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB) This course is a paid capstone experience for CTE students who have found employment for the school year within	College Hour(s): NA Tier III CP001132AB 12701141
to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course. <a href="mailto:mstructional_Material">mstructional_Material</a> : Contact Career and Technical Education Department for related materials <a href="mailto:Prerequisite(s):">Prerequisite(s): None</a> CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB) This course is a paid capstone experience for CTE students who have found employment for the school year within heir CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold	College Hour(s): NA Tier III CP001132AB 12701141 Grade level: 11-12
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CAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)	CP001142AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701122 Grade level: 11-12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION II FOR PROGRAMS OF STUDY/EXTENDED II AB (EXCPP 2 AB)	CP01402AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701132 Grade level: 11-12 o HS Credit(s): 3
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA



# **Business, Marketing, and Finance**

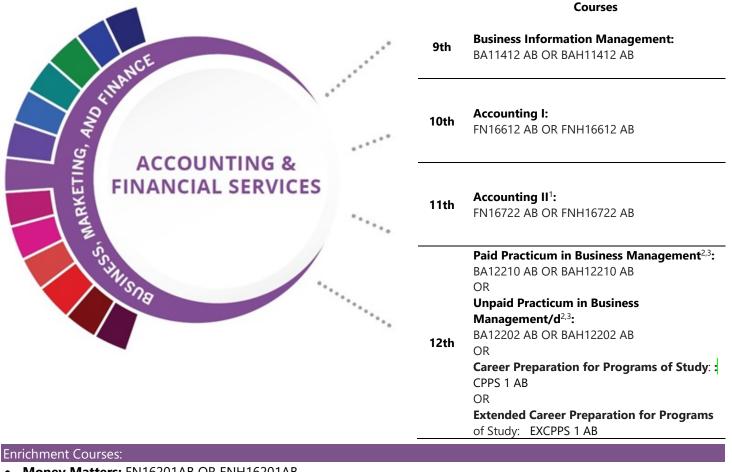
**Accounting and Financial Services** 

**Business Management** 

Entrepreneurship

**Marketing and Sales** 

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.



## Money Matters: FN16201AB OR FNH16201AB

## Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Intuit QuickBooks Certified User (QBCU)<sup>1</sup> Volunteer Income Tax Assistance/Tax Counseling Certification: Advanced, Basic, or Volunteer for Elderly<sup>2</sup>
- Not counted toward Performance Acknowledgment: OSHA 10-Hour General Industry Certification<sup>3</sup>

## Available at:

- Paschal HS
- Polytechnic HS

The Accounting and Financial Services program of study teaches CTE concentrators how to examine, analyze, and interpret financial records. Through this program of study, students will learn the skills necessary to perform financial services, prepare financial statements, interpret accounting records, give advice, or audit and evaluate statements prepared by others. This program of study will also introduce students to mathematical modeling tools.



The Business, Marketing, and Finance Career Cluster® focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Successful completion of the Accounting & Financial Services program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020

- MARKETING, AND AL 9th **Business Information Management:** BA11412 AB OR BAH11412 AB **Entrepreneurship I\*:** 10th MK34401 AB OR MKH34401 AB Entrepreneurship II<sup>1</sup>: MK03423 AB OR MKH03423 AB ENTREPRENEURSHIP OR 11th **Mobile Application Development\*:** TA80390 AB OR TAH80390 AB Paid Practicum in Business Management<sup>2\*</sup>: SSINISOB BA12210 AB OR BAH12210 AB OR Unpaid Practicum in Entrepreneurship/d<sup>2\*</sup>:
  - MK34801 AB OR MKH34801 AB OR

Honors Project-Based Research AB<sup>2\*</sup>: 12th CPH01500 AB

OR

Career Preparation for Programs of Study\*: : CPPS 1 AB

OR

**Extended Career Preparation for Program of** Study\*: EXCPPS 1 AB

#### Enrichment Courses:

- Accounting I: FN16612AB OR FNH16612AB
- Money Matters: FN16201AB OR FNH16201AB

## **Certification Options:**

- Industry Certification Opportunities for Performance Acknowledgment: Entrepreneurship and Small Business (ESB)<sup>1</sup>
- Not Counted towards Performance Acknowledgment: OSHA 10-Hour General Industry Certification<sup>2</sup>

## Available at:

- Arlington Heights HS
- Carter-Riverside HS
- **Diamond-Hill Jarvis HS**
- Dunbar HS
- Eastern Hills HS
- North Side HS
- OD Wyatt HS

- Paschal HS Polytechnic HS
- South Hills HS
- Southwest HS •
- Western Hills
- World Languages Institute HS
- Young Men's Leadership Academy HS •
- I.M. Terrell STEM & VPA Academy -\*specific courses identified for

## campus' POS)

The Entrepreneurship program of study teaches CTE concentrators how to plan, direct, and coordinate the management and operations of public or private sector organizations. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, analyze management structures, and plan for the use of materials and human resources.



The Business, Marketing, and Finance Career Cluster® focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Successful completion of the Entrepreneurship program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020



#### Enrichment Courses:

- Entrepreneurship: MK34401 AB OR MKH34401 AB
- Accounting I: FN16612 AB OR FNH16612 AB
- Money Matters: FN16201 AB OR FNH16201 AB

**Certification Options:** 

- Industry Certification Opportunities for Performance Acknowledgment: Stukent Social Media Marketing Certification<sup>1</sup>
- Not Counted towards Performance Acknowledgment: OSHA 10-Hour General Industry Certification<sup>2</sup>

Available at:

## • Benbrook HS

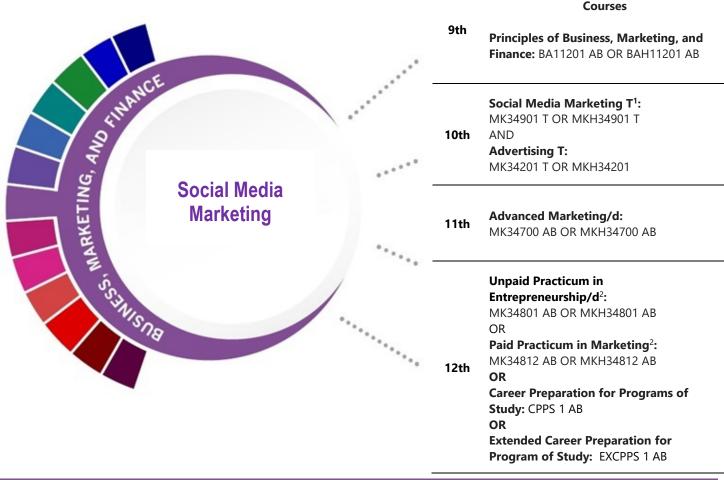
• Paschal HS

The Marketing program of study teaches CTE concentrators how to collect information to determine potential sales of a product or service and/or create a marketing campaign to market or distribute goods and services. Through this program of study, students will learn the skills necessary to understand and apply data on customer demographics, preferences, needs, and buying habits.



The Business, Marketing, and Finance Career Cluster<sup>®</sup> focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Successful completion of the Marketing and Sales program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020



- Entrepreneurship: MK34401 AB OR MKH34401 AB
- Sports and Entertainment Marketing T: MK34601 T OR MKH34601 T
- Fashion Marketing T: MK34301 T OR MKH34301 T

## Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Stukent Social Media Marketing Certification<sup>1</sup>
- Not Counted towards Performance Acknowledgment: OSHA 10-Hour General Industry Certification<sup>2</sup>

## Available at:

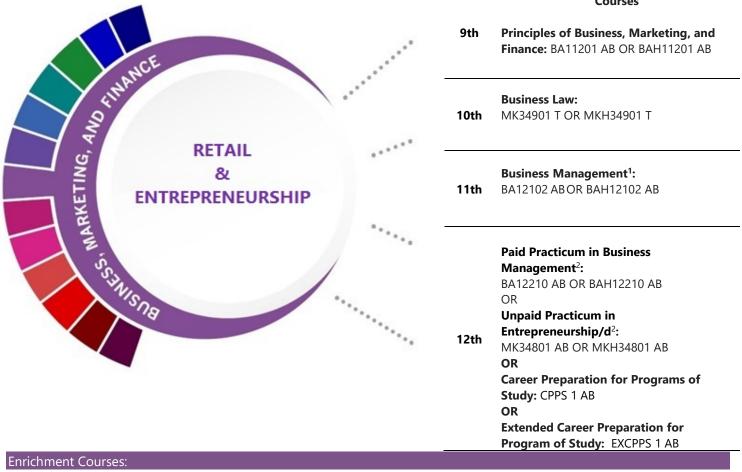
• Trimble Technical High School

The Social Media Marketing program of study teaches CTE concentrators how to collect information to determine potential sales of a product or service and/or create a marketing campaign to market or distribute goods and services. Through this program of study, students will learn the skills necessary to understand and apply data on customer demographics, preferences, needs, and buying habits, using digital analytics.



The Business, Marketing, and Finance Career Cluster<sup>®</sup> focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Successful completion of the Social Media Marketing program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020



## • Global Business: BA11801T OR Honors: BAH11801T

## Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Entrepreneurship and Small Business (ESB) Certification<sup>1</sup>
- Not Counted towards Performance Acknowledgment: OSHA 10-Hour General Industry Certification<sup>2</sup>
- Available at:
- Trimble Technical High School

The Retail & Entrepreneurship program of study teaches CTE learners how to plan, direct, and coordinate the administrative services and operations of an organization. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, and allocate the use of materials and human resources. This program of study will also introduce students to mathematical modeling tools and organizational evaluation methods.



The Business, Marketing, and Finance Career Cluster® focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Successful completion of the Retail & Entrepreneurship program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020

## COURSE DESCRIPTIONS FOR BUSINESS, MARKETING, AND FINANCE CLASSES

PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE AB (PRINBMF AB)	BAH11201AB
In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.	13011200 Grade level: 9 - 10 HS Credit(s): 1
<u>Instructional Material</u> : Principles of Business, Marketing, and Finance, 9 <sup>th</sup> Edition 2017, Goodheart-Willcox Co. <u>Prerequisite(s)</u> : None Offered at: Benbrook MHS, Paschal HS, Trimble Tech HS	College Hour(s): NA <b>Tier III</b>
HONORS PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE AB (PRINBMF AB/H)	BAH11201AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13011200 Grade level: 9 - 10
<u>Instructional Material</u> : Principles of Business, Marketing, and Finance, 9 <sup>th</sup> Edition 2017, Goodheart-Willcox Co. <u>Prerequisite(s)</u> : None <i>Offered at: Benbrook MHS, Paschal HS, Trimble Tech HS</i>	HS Credit(s): 1 Colleg Hour(s): NA <b>Tier II</b>
TOUCH SYSTEM DATA ENTRY T (TSDATAE T)	BA11301T
In Touch System Data Entry, students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry skills for the production of business documents.	13011300 Grade level: 9 - 10 HS Credit(s): 0.5
Instructional Material: Century 21 computer skills and Applications, Lesson 1-90, 10th Edition Cengage Learning Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
BUSINESS LAW AB (BUSLAW AB)	BA11701AB
Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.	13011700 Grade level: 11 - 12 HS Credit(s): 1
<u>Instructional Material</u> : <i>Law for Business and Personal Use, 2017,</i> Cengage Learning Inc. <u>Prerequisite(s)</u> : Principles of Business, Marketing and Finance Offered at: Trimble Tech HS	College Hour(s): NA <b>Tier III</b>
HONORS BUSINESS LAW AB (BUSLAW AB/H)	BAH11701AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13011700 Grade level: 11 – 12
<u>Instructional Material</u> : <i>Law for Business and Personal Use, 2017,</i> Cengage Learning Inc. <u>Prerequisite(s)</u> : Principles of Business, Marketing and Finance <i>Offered at: Trimble Tech HS</i>	HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
BUSINESS MANAGEMENT AB (BUSMGT AB)	BA12102AB
Business Management is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.	13012100 Grade level: 11 - 12 HS Credit(s): 1
<u>Instructional Material</u> : <i>Business Management 14th edition, 2017</i> , Cengage Learning Inc. <u>Prerequisite(s)</u> : Business Information Management <i>Offered at: Trimble Tech HS</i>	College Hour(s): NA <b>Tier III</b>
HONORS BUSINESS MANAGEMENT AB (BUSMGT AB/H)	BAH12102AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13012100 Grade level: 11-12
<u>Instructional Material</u> : <i>Business Management 14th edition, 2017</i> , Cengage Learning Inc. <u>Prerequisite(s)</u> : Business Information Management <i>Offered at: Trimble Tech HS</i>	HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
GLOBAL BUSINESS T (GLOBBUS T)	BA11801T
Global Business is designed for students to analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management.	13011800 Grade level: 11 - 12 HS Credit(s): 0.5
<u>Instructional Material</u> : <i>Business, Marketing, Finance, IT &amp; Media Site,</i> CEV Multimedia Ltd. <u>Prerequisite(s)</u> : Business Law or Business Management Offered at: Trimble Tech HS	College Hour(s): NA <b>Tier III</b>
HONORS GLOBAL BUSINESS T (GLOBBUS T/H)	BAH11801T
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13011800 Grade level: 11 - 12

Instructional Material: Business, Marketing, Finance, IT & Media Site, CEV Multimedia Ltd.	HS Credit(s): 0.5
<u>Prerequisite(s)</u> : Business Law or Business Management Offered at: Trimble Tech HS	College Hour(s): NA <b>Tier II</b>
BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB)	BA11412AB
In Business Information Management I, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.	13011400 Grade level: 9 - 12 HS Credit(s): 1
nstructional Material: Cashman Series: Microsoft Office 365 and Office 2016: Introductory, Cengage Learning, Inc. Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
Offered at: Arlington Heights, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, World Languages Institute, Young Men's Leadership Academy	
HONORS BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB/H)	BAH11412AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13011400 Grade level: 9 – 12
Instructional Material: Cashman Series: Microsoft Office 365 and Office 2016: Introductory, Cengage Learning, Inc. <u>Prerequisite(s)</u> : None Offered at: Arlington Heights, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, World Languages Institute, Young Men's Leadership Academy	HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: Business Computer Applications (BCIS 1305)	BAD11412AB
*Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus	13011400
of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet.	Grade level: 9 - 12 HS Credit(s): 1
Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) FWISD Prerequisite(s): None TCC Prerequisite(s): TSI	College Hour(s): 3 <b>Tier I</b>
Offered only at: Marine Creek and TCC South Collegiate HS (P-Tech)	
UNPAID PRACTICUM IN BUSINESS MANAGEMENT AB (PRACBM AB)	BA12202AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within the designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences include students working in a simulated environment, running an enterprise, or be involved in program-specific local projects the school has approved for this class. Additional capstone experiences also include students being selected to be a part of a work-based experience or industry training off-site, outside of school. Students will build a professional portfolio demonstrating skills in Business Management.	13012200 Grade level: 11-12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): 2 credits from a combination of Business courses	College Hour(s): NA Tier III
Offered at: Paschal, Polytechnic, and TCC South Collegiate HS HONORS UNPAID PRACTICUM IN BUSINESS MANAGEMENT AB (PRACBM AB/H)	BAH12202AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13012200 Grade level: 11-12
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): 2 credits from a combination of Business courses	HS Credit(s): 2 College Hour(s): NA

PAID PRACTICUM IN BUSINESS MANAGEMENT/EXTENDED AB (EXPBM1 AB)	BA12210AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career	
and technical education courses within their designated program of study. This course is designed to give students	
supervised practical application of previously studied knowledge and skills. Students implement personal and	HS Credit(s): 3
interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful	
transition to the workforce or postsecondary education. Students apply technical skills to address business	
applications of emerging technologies. Students develop a foundation in the economic, financial, technological,	
international, social, and ethical aspects of business to become competent consumers, employees, and	
entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply then	1
to the business environment. Students incorporate a broad base of knowledge that includes the legal,	
managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decision. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security	
card, to enroll in any of the paid practicum learning experiences. In order to receive course credit, this course	
requires that students make a full year commitment to this course and their employment, must have related	
classroom instruction that averages one class period per week during the school year, are employed for fifteen (15	)
hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of	<u></u>
the course. Work hours can be included during the school day or outside of school hours. If work hours are	
during the school day, students can be scheduled for work release (noncredit) periods to work as long as work	
release does not jeopardize students' projected graduation plan.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): 2 credits from a combination of Business courses	Tier III
Offered only at: Arlington Heights, Carter Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D.	
Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, World Languages Institute, and	
Young Men's Leadership Academy	
HONORS PAID PRACTICUM IN BUSINESS MANAGEMENT/EXTENDED AB (EXPBM1 AB/H)	BAH12210AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13012205 Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 3
<u>Prerequisite(s)</u> : 2 credits from a combination of Business courses	College Hour(s): NA
Offered only at: Arlington Heights, Carter Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D.	Tier II
Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, World Languages Institute, and	
Young Men's Leadership Academy	
MONEY MATTERS AB (MONEYM AB)	FN16201AB
In Money Matters, students will investigate money management from a personal financial perceptive. Students will	13016200
apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students	Grade level: 10 - 12
will gain knowledge and skills necessary to establish short-term and long-term financial goals. Students will examine	HS Credit(s): 1
various methods of achieving short-term and long-term financial goals through various methods such as investing,	
tax planning, asset allocating, risk management, retirement planning, and estate planning.	
Instructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
<u>Prerequisite(s)</u> : None	Tier III
HONORS MONEY MATTERS AB (MONEYM AB/H)	FNH16201AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13016200
activities related to the program of study.	Grade level: 10 – 12
Instructional Material Contact Concer and Technical Education for related methods	HS Credit(s): 1
Instructional Material: Contact Career and Technical Education for related materials <u>Prerequisite(s)</u> : None	College Hour(s): NA <b>Tier II</b>
ACCOUNTING I AB (ACCOUNT1 AB)	FN16612AB
In Accounting I, students will investigate the field of accounting, including how it is impacted by industry standard:	
as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on	Grade level: 11 - 12
this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating	
accounting information. Students will formulate and interpret financial information for use in management decision	
making. Accounting includes such activities as bookkeeping, systems design, analysis, and interpretation of	
accounting information.	College Hour(s): NA
Instructional Material: Century 21 Accounting: General Journal, Cengage Learning	Tier III
<u>Instructional Material</u> : Century 21 Accounting: General Journal, Cengage Learning <u>Prerequisite(s)</u> : Money Matters	
<u>Instructional Material</u> : Century 21 Accounting: General Journal, Cengage Learning <u>Prerequisite(s)</u> : Money Matters Offered only at: Arlington Heights, Eastern Hills, North Side, Paschal, Polytechnic, South Hills, Trimble Tech, Western	
<u>Instructional Material</u> : Century 21 Accounting: General Journal, Cengage Learning <u>Prerequisite(s)</u> : Money Matters Offered only at: Arlington Heights, Eastern Hills, North Side, Paschal, Polytechnic, South Hills, Trimble Tech, Western Hills, and O.D. Wyatt	
<u>Instructional Material</u> : Century 21 Accounting: General Journal, Cengage Learning <u>Prerequisite(s)</u> : Money Matters Offered only at: Arlington Heights, Eastern Hills, North Side, Paschal, Polytechnic, South Hills, Trimble Tech, Western Hills, and O.D. Wyatt <b>HONORS ACCOUNTING I AB (ACCOUNT1 AB/H)</b>	FNH16612AB
Instructional Material: Century 21 Accounting: General Journal, Cengage Learning Prerequisite(s): Money Matters Offered only at: Arlington Heights, Eastern Hills, North Side, Paschal, Polytechnic, South Hills, Trimble Tech, Western Hills, and O.D. Wyatt HONORS ACCOUNTING I AB (ACCOUNT1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	<b>FNH16612AB</b> 13016600
<u>Instructional Material</u> : Century 21 Accounting: General Journal, Cengage Learning <u>Prerequisite(s)</u> : Money Matters Offered only at: Arlington Heights, Eastern Hills, North Side, Paschal, Polytechnic, South Hills, Trimble Tech, Western Hills, and O.D. Wyatt <b>HONORS ACCOUNTING I AB (ACCOUNT1 AB/H)</b>	FNH16612AB
Instructional Material: Century 21 Accounting: General Journal, Cengage Learning Prerequisite(s): Money Matters Offered only at: Arlington Heights, Eastern Hills, North Side, Paschal, Polytechnic, South Hills, Trimble Tech, Western Hills, and O.D. Wyatt HONORS ACCOUNTING I AB (ACCOUNT1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	<b>FNH16612AB</b> 13016600 Grade level: 11 – 12
Instructional Material: Century 21 Accounting: General Journal, Cengage Learning Prerequisite(s): Money Matters Offered only at: Arlington Heights, Eastern Hills, North Side, Paschal, Polytechnic, South Hills, Trimble Tech, Western Hills, and O.D. Wyatt HONORS ACCOUNTING I AB (ACCOUNT1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Century 21 Accounting: General Journal, Cengage Learning	<b>FNH16612AB</b> 13016600 Grade level: 11 – 12 HS Credit(s): 1

ACCOUNTING II AB (ACCOUNT2 AB)	FN16722AB
n Accounting II, students will continue the investigation of the field of accounting, including how it is impacted by	13016700
ndustry standards as well as economic, financial, technological, international, social, legal, and ethical factors.	Grade level: 12
tudents will reflect on this knowledge as they engage in various managerial, financial, and operational accounting	HS Credit(s): 1
ctivities. Students will formulate, interpret, and communicate financial information for use in management	
lecision-making. Students will use equations, graphical representations, accounting tools, spreadsheet software,	
nd accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial	
esources.	
nstructional Material: Century 21 Accounting: General Journal, Cengage Learning	College Hour(s): NA
Prerequisite(s): Accounting I	Tier III
Offered only at: Polytechnic	
IONORS ACCOUNTING II AB (ACCOUNT2 AB/H)	FNH16722AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13016700
ctivities related to the program of study.	Grade level: 12
nstructional Material: Century 21 Accounting: General Journal, Cengage Learning	HS Credit(s): 1
<u>rerequisite(s)</u> : Accounting I	College Hour(s): NA
Differed only at: Polytechnic	Tier II
DUAL CREDIT ACCOUNTING IA (ACCOUNT1 A DC)	FND16612A
CC Course: Principles of Financial Accounting: (ACCT 2301)	
<i>Courses may change due to availability</i> 'his course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S.	13016600
enerally accepted accounting principles (GAAP) as applied to transactions and events that affect business	Grade level: 11 - 12
reparizations. Students will examine the procedures and systems to accumulate, analyze, measure, and record	HS Credit(s): 0.5
inancial transactions. Students will use recorded financial information to prepare a balance sheet, income	no credit(s). 0.5
tatement, statement of cash flows, and statement of shareholders' equity to communicate the business entity's	
esults of operations and financial position to users of financial information who are external to the company.	
tudents will study the nature of assets, liabilities, and owners' equity while learning to use reported financial	
nformation for purposes of making decisions about the company. Students will be exposed to International	
inancial Reporting Standards (IFRS).	
nstructional Material: TCC Course: Principles of Financial Accounting (ACCT	College Hour(s): 3
301) <u>TCC Prerequisite(s)</u> : TSI compliant in Math	Tier I
<u>CC Recommended Co-requisites</u> : MATH 1324	
Course taught by an approved adjunct instructor.	
Course taught by an approved adjunct instructor. Dffered only at: Marine Creek and TCC South Collegiate HS (P-Tech)	
Course taught by an approved adjunct instructor. Offered only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC)	FND16612B
Course taught by an approved adjunct instructor. Offered only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) TCC Course: Principles of Managerial Accounting: (ACCT 2302)	FND16612B
Course taught by an approved adjunct instructor. Offered only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) TCC Course: Principles of Managerial Accounting: (ACCT 2302) Courses may change due to availability	
Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) TCC Course: Principles of Managerial Accounting: (ACCT 2302) Courses may change due to availability his course is an introduction to the fundamental concepts of managerial accounting appropriate for all	13016600
Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) TC Course: Principles of Managerial Accounting: (ACCT 2302) Courses may change due to availability his course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by	13016600 Grade level: 11 - 12
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Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) TCC Course: Principles of Managerial Accounting: (ACCT 2302) Courses may change due to availability This course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by thernal managers, as distinguished from information relevant to users who are external to the company. The imphasis is on the identification and assignment of product costs, operational budgeting and planning, cost ontrol, and management decision making. Topics include product costing methodologies, cost behavior, operational and capital budgeting, and performance evaluation. Instructional Material: TCC Course: Principles of Managerial Accounting (ACCT 2302)	13016600 Grade level: 11 - 12 HS Credit(s): 0.5 College Hour(s): 3
Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) TCC Course: Principles of Managerial Accounting: (ACCT 2302) Courses may change due to availability This course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by thernal managers, as distinguished from information relevant to users who are external to the company. The imphasis is on the identification and assignment of product costs, operational budgeting and planning, cost ontrol, and management decision making. Topics include product costing methodologies, cost behavior, operational and capital budgeting, and performance evaluation. Instructional Material: TCC Course: Principles of Managerial Accounting (ACCT 2302) CCC Prerequisite(s): ACCT-2301	13016600 Grade level: 11 - 12 HS Credit(s): 0.5
Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) TCC Course: Principles of Managerial Accounting: (ACCT 2302) Courses may change due to availability This course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by thernal managers, as distinguished from information relevant to users who are external to the company. The imphasis is on the identification and assignment of product costs, operational budgeting and planning, cost ontrol, and management decision making. Topics include product costing methodologies, cost behavior, operational and capital budgeting, and performance evaluation. Instructional Material: TCC Course: Principles of Managerial Accounting (ACCT 2302) CCC Prerequisite(s): ACCT-2301 Course taught by an approved adjunct instructor.	13016600 Grade level: 11 - 12 HS Credit(s): 0.5 College Hour(s): 3
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Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) CC Course: Principles of Managerial Accounting: (ACCT 2302) Courses may change due to availability this course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by thernal managers, as distinguished from information relevant to users who are external to the company. The mphasis is on the identification and assignment of product costs, operational budgeting and planning, cost ontrol, and management decision making. Topics include product costing methodologies, cost behavior, apperational and capital budgeting, and performance evaluation. <u>nstructional Material</u> : TCC Course: Principles of Managerial Accounting (ACCT 2302) (CC Prerequisite(s): ACCT-2301 Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) ENTREPRENEURSHIP I AB (ENTREP AB)	13016600 Grade level: 11 - 12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b> MK34401AB
Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) CC Course: Principles of Managerial Accounting: (ACCT 2302) Courses may change due to availability this course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by thernal managers, as distinguished from information relevant to users who are external to the company. The mphasis is on the identification and assignment of product costs, operational budgeting and planning, cost ontrol, and management decision making. Topics include product costing methodologies, cost behavior, apperational and capital budgeting, and performance evaluation. Instructional Material: TCC Course: Principles of Managerial Accounting (ACCT 2302) CC Prerequisite(s): ACCT-2301 Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) ENTREPRENEURSHIP I AB (ENTREP AB) itudents will be introduced to knowledge and skills entrepreneurs use on a daily basis. In this course, students	13016600 Grade level: 11 - 12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b> MK34401AB 13011101
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Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) TCC Course: Principles of Managerial Accounting: (ACCT 2302) Courses may change due to availability his course is an introduction to the fundamental concepts of managerial accounting appropriate for all regarizations. Students will study information from the entity's accounting system relevant to decisions made by hternal managers, as distinguished from information relevant to users who are external to the company. The mphasis is on the identification and assignment of product costs, operational budgeting and planning, cost ontrol, and management decision making. Topics include product costing methodologies, cost behavior, perational and capital budgeting, and performance evaluation. nstructional Material: TCC Course: Principles of Managerial Accounting (ACCT 2302) CC Prerequisite(s): ACCT-2301 Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) INTREPRENEUSHIP I AB (ENTREP AB) tudents will be introduced to knowledge and skills entrepreneurs use on a daily basis. In this course, students will participate in activities to use the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business lan, determining feasibility of an idea using research, and developing a plan to organize and promote the susiness and its products and services. In addition, students understand the capital required, the return on nvestment desired, and the potential for profit. Instructional Material: Entrepreneurship: Owning Your Future 12e, Pearson Education, Inc.	13016600 Grade level: 11 - 12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b> MK34401AB 13011101 Grade level: 10
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Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) CC Course: Principles of Managerial Accounting: (ACCT 2302) Courses may change due to availability this course is an introduction to the fundamental concepts of managerial accounting appropriate for all riganizations. Students will study information from the entity's accounting system relevant to decisions made by iternal managers, as distinguished from information relevant to users who are external to the company. The mphasis is on the identification and assignment of product costs, operational budgeting and planning, cost ontrol, and management decision making. Topics include product costing methodologies, cost behavior, perational and capital budgeting, and performance evaluation. <u>nstructional Material</u> : TCC Course: Principles of Managerial Accounting (ACCT 2302) (CC Prerequisite(s): ACCT-2301 <i>Sourse taught by an approved adjunct instructor</i> . Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) <b>INTREPRENEURSHIP I AB (ENTREP AB)</b> tudents will be introduced to knowledge and skills entrepreneurs use on a daily basis. In this course, students vill participate in activities to use the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the pusiness and its products and services. In addition, students understand the capital required, the return on nestment desired, and the potential for profit. <u>nstructional Material</u> : Entrepreneurship: Owning Your Future 12e, Pearson Education, Inc. <u>trerequisite(s)</u> : Advertising or Business Information Management Offered only at: Arlington Heights, Benbrook, Eastern Hills, North Side, Paschal, Trimble Tech, OD Wyatt and YMLA	13016600 Grade level: 11 - 12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b> MK34401AB 13011101 Grade level: 10 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b>
Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) TC Course: Principles of Managerial Accounting: (ACCT 2302) Courses may change due to availability his course is an introduction to the fundamental concepts of managerial accounting appropriate for all regarizations. Students will study information from the entity's accounting system relevant to decisions made by hternal managers, as distinguished from information relevant to users who are external to the company. The mphasis is on the identification and assignment of product costs, operational budgeting and planning, cost ontrol, and management decision making. Topics include product costing methodologies, cost behavior, uperational Material: TCC Course: Principles of Managerial Accounting (ACCT 2302) CC Prerequisite(s): ACT-2301 Course taught by an approved adjunct instructor. Differed only at: Marine Creek and TCC South Collegiate HS (P-Tech) ENTERPRENEURSHIP I AB (ENTREP AB) tudents will be introduced to knowledge and skills entrepreneurs use on a daily basis. In this course, students will participate in activities to use the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business and, determining feasibility of an idea using research, and developing a plan to organize and promote the susiness and its products and services. In addition, students understand the capital required, the return on twestment desired, and the potential for profit. <u>nstructional Material: Entrepreneurship: Owning Your Future 12e</u> , Pearson Education, Inc. <u>trerequisite(s)</u> : Advertising or Business Information Management Differed only at: Arlington Heights, Benbrook, Eastern Hills, North Side, Paschal, Trimble Tech, OD Wyatt and YMLA ENORSE ENTREPRENEURSHIP AB (ENTREP AB/H)	13016600 Grade level: 11 - 12 HS Credit(s): 0.5 College Hour(s): 3 Tier I MK34401AB 13011101 Grade level: 10 HS Credit(s): 1 College Hour(s): NA Tier III MKH34401AB
The second secon	13016600 Grade level: 11 - 12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b> MK34401AB 13011101 Grade level: 10 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> MKH34401AB 13011101
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The second secon	13016600 Grade level: 11 - 12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b> MK34401AB 13011101 Grade level: 10 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> MKH34401AB 13011101

ENTREPRENEURSHIP II AB (ENTPRNR2 AB)	MK03423AB
Students will be introduced to knowledge and skills entrepreneurs use on a daily basis. In this course, students	13011102
will participate in activities to use the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business	Grade level: 11 - 12
plan, determining feasibility of an idea using research, and developing a plan to organize and promote the	HS Credit(s): 1
business and its products and services. In addition, students understand the capital required, the return on	
investment desired, and the potential for profit.	
Instructional Material: Entrepreneurship: Owning Your Future 12e, Pearson Education, Inc.	College Hour(s): NA
Prerequisite(s): Entrepreneurship	Tier III
Offered only at: Arlington Heights, Benbrook, Eastern Hills, North Side, Paschal, Trimble Tech, OD Wyatt and YMLA	
HONORS ENTREPRENEURSHIP II AB (ENTPRNR2 AB/H)	MKH03423AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13011102 Grade level: 11 – 12
Instructional Material: Entrepreneurship: Owning Your Future 12e, Pearson Education, Inc.	HS Credit(s): 1
<u>Prerequisite(s)</u> : Entrepreneurship	College Hour(s): NA
Offered only at: Arlington Heights, Benbrook, Eastern Hills, North Side, Paschal, Trimble Tech, OD Wyatt and YMLA	Tier II
MOBILE APPLICATION DEVELOPMENT (TAMBAD AB)	TA80390AB
Mobile Application Development fosters creativity and innovation by presenting opportunities to design,	03580390
implement, and deliver meaningful projects using mobile computing devices. Students will collaborate with one	Grade level: 11 - 12
another, their instructor, and various electronic communities to solve problems presented throughout the	HS Credit(s): 1
course. Through data analysis, students will identify task requirements, plan search strategies, and use software	
development concepts to access, analyze, and evaluate information needed to program mobile devices. By using	
software design knowledge and skills that support the work of individuals and groups in solving problems,	
students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate	
the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of mobile application development	
through the study of development platforms, programming languages, and software design standards.	
Instructional Material: Contact Career and Technical Education Department for related materials.	College Hour(s): NA
<u>Prerequisite(s)</u> : Entrepreneurship	Tier III
HONORS MOBILE APPLICATION DEVELOPMENT (TAMBAD AB/H)	TAH80390AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	03580390
activities related to the program of study.	Grade level: 11 - 12
	HS Credit(s): 1
Instructional Material: Contact Career and Technical Education Department for related materials.	College Hour(s): NA
Prerequisite(s): Entrepreneurship UNPAID PRACTICUM IN ENTREPRENEURSHIP AB (PRACENTRE AB)	Tier II MK34801AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	13011111
career and technical education courses within the designated program of study. In addition to developing	Grade level: 12
advanced technical knowledge and skills needed for success in the career fields of interest, students will be	HS Credit(s): 2
expected to develop an increasing understanding of the industry with a focus on applying management,	
finances, product development, and other entrepreneurship concepts in a professional environment. Instruction	
may be delivered through lab-based classroom experiences or career preparation opportunities. Practicum	
capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such	
as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences	
include students working in a simulated environment, running an enterprise, or be involved in program-specific	
local projects the school has approved for this class. Additional capstone experiences also include students being selected to be a part of a work-based experience or industry training off-site, outside of school. Students	
will build a professional portfolio demonstrating skills in Entrepreneurship.	
Instructional Material: Contact Career and Technical Education Department for related materials.	College Hour(s): NA
Prerequisite(s): (Dependent upon program) Fashion Design II, Entrepreneurship II, Business Management, or	Tier III
Mobile Application Development	
HONORS UNPAID PRACTICUM IN ENTREPRENEURSHIP AB/H (PRACENTRE AB/H)	MKH34801AB
In addition to the regular course surriculum students in the honors course will associate additional of the students in the honors are used.	12011111
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13011111 Grade level: 12
activities related to the program of study.	HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials.	College Hour(s): NA
<u>Prerequisite(s)</u> : Entrepreneurship II, Business Management, or Mobile Application Development	Tier II
ADVERTISING T (ADV T)	MK34201T
Advertising focuses on the concepts and skills associated with the dynamic advertising industry. The course	13034200
have using recuses on the concepts and skins associated with the dynamic advertising industry. The COUISE	Grade level: 10 - 12
introduces the principles and practices of advertising. Students will gain knowledge of techniques used in	
introduces the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, ethical, and	
introduces the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, ethical, and legal issues of advertising, historical influences, strategies, and media decision processes as well as integrated	HS Credit(s): 0.5

business and marketing gain insight into the marketing arena and learn skills they need to compete successfully for jobs of the future.	
Instructional Material: ICEV Business, Marketing, Finance, IT & Media Site, CEV Multimedia Ltd., Prerequisite(s): Principles of Business, Marketing, and Finance	College Hour(s): NA <b>Tier III</b>
This course is to be taught by a marketing certified teacher. Offered only at: Benbrook, Paschal and Trimble Tech	
HONORS ADVERTISING T (ADV T/H)	MKH34201T
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13034200
activities related to the program of study.	Grade level: 10 – 12
Instructional Material: ICEV Business, Marketing, Finance, IT & Media Site, CEV Multimedia Ltd.	HS Credit(s): 0.5
Prerequisite(s): Principles of Business, Marketing, and Finance	College Hour(s): NA
Course taught by locally certified gifted CTE and marketing teacher	Tier II
Offered only at: Benbrook, Paschal and Trimble Tech	
FASHION MARKETING T (FASHMKTG T)	MK34301T
This specialized course is for students who have a career interest in apparel, fashion, and/or accessory	13034300
marketing. Instruction will cover all aspects of the industry. Students in this course will focus on each of the	Grade level: 10 - 12
functions of marketing and how they relate to the fashion industry. Students will be able to apply these	HS Credit(s): 0.5
principles and concepts in marketing in their careers and in everyday life. Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising,	
and career opportunities in this field.	
Instructional Material: ICEV Business, Marketing, Finance, IT & Media Site, CEV Multimedia Ltd.	College Hour(s): NA
<u>Prerequisite(s)</u> : Principles of Business, Marketing, and Finance or Fashion Design	Tier III
Course taught by either a marketing or family consumer sciences certified teacher	
Offered only at: Benbrook and Paschal	
HONORS FASHION MARKETING T (FASHMKTG T/H)	MKH34301T
In addition to the regular course curriculum, students in the honors course will complete additional projects	13034300
and activities related to the program of study.	Grade level: 10 – 12
Instructional Material: ICEV Business, Marketing, Finance, IT & Media Site, CEV Multimedia Ltd.	HS Credit(s): 0.5
Prerequisite(s): Principles of Business, Marketing, and Finance or Fashion Design	College Hour(s): NA
Course taught by locally certified gifted marketing or family consumer sciences certified teacher	Tier II
Offered only at: Benbrook and Paschal	MK34601T
COORTS AND ENTERTAINMENT MARKETING T (COORTSEN T)	
SPORTS AND ENTERTAINMENT MARKETING T (SPORTSEM T)	
Sports and Entertainment Marketing provides students information about careers in the sports and	13034600
Sports and Entertainment Marketing provides students information about careers in the sports and entertainment industry. They will learn the basic principles of marketing and how they apply to the	13034600 Grade level: 10 - 12
Sports and Entertainment Marketing provides students information about careers in the sports and entertainment industry. They will learn the basic principles of marketing and how they apply to the sponsorships, promotion, advertising, sales, event marketing, and communications necessary for a successful	13034600
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Sports and Entertainment Marketing provides students information about careers in the sports and entertainment industry. They will learn the basic principles of marketing and how they apply to the sponsorships, promotion, advertising, sales, event marketing, and communications necessary for a successful sports or entertainment event. Students will acquire the knowledge required to produce a sports and	13034600 Grade level: 10 - 12
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Sports and Entertainment Marketing provides students information about careers in the sports and entertainment industry. They will learn the basic principles of marketing and how they apply to the sponsorships, promotion, advertising, sales, event marketing, and communications necessary for a successful sports or entertainment event. Students will acquire the knowledge required to produce a sports and entertainment event and explore the education requirements to become a professional in this growing industry. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports and entertainment marketing plans. This course will also provide students an opportunity to develop promotional plans, sponsorship proposals, endorsement contracts, sports and entertainment marketing plans, and	13034600 Grade level: 10 - 12
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Sports and Entertainment Marketing provides students information about careers in the sports and entertainment industry. They will learn the basic principles of marketing and how they apply to the sponsorships, promotion, advertising, sales, event marketing, and communications necessary for a successful sports or entertainment event. Students will acquire the knowledge required to produce a sports and entertainment event and explore the education requirements to become a professional in this growing industry. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports and entertainment marketing plans. This course will also provide students an opportunity to develop promotional plans, sponsorship proposals, endorsement contracts, sports and entertainment marketing plans, and evaluation and management techniques. Instructional Material: <i>ICEV Business, Marketing, Finance, IT &amp; Media Site</i> , CEV Multimedia Ltd.,	13034600 Grade level: 10 - 12 HS Credit(s): 0.5 College Hour(s): NA
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HONORS SOCIAL MEDIA MARKETING T (SOCMEDMK T/H)	MKH34901T
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13034650 Grade level: 11 – 12
Instructional Material: ICEV Business, Marketing, Finance, IT & Media Site, CEV Multimedia Ltd.	HS Credit(s): 0.5
Prerequisite(s): Any Marketing course	College Hour(s): NA
Offered only at: Benbrook, Paschal and Trimble Tech	Tier II
ADVANCED MARKETING AB/D (ADVMKT AB)	MK34700AB
In Advanced Marketing, students will gain knowledge and skills that help them become proficient in one or more	13034700
of the marketing functional areas. In this double period course, students will illustrate appropriate management	Grade level: 11 - 12
and research skills to solve problems related to marketing. This course covers technology, communication, and	HS Credit(s): 2
customer-service skills.	
Instructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
Prerequisite(s): Two Marketing courses within the Marketing strand	Tier III
Offered only at: Arlington Heights, Benbrook, Paschal and Trimble Tech	
HONORS ADVANCED MARKETING/D AB (ADVMKT AB/H)	MKH34700AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13034700
activities related to the program of study.	Grade level: 11 – 12
Instructional Material: Contact Career and Technical Education for related materials	HS Credit(s): 2
Prerequisite(s): Two Marketing courses	College Hour(s): NA
Offered only at: Arlington Heights, Benbrook, Paschal and Trimble Tech	Tier II
PAID PRACTICUM IN MARKETING/EXTENDED AB (EXPRMKT1 AB)	MK34812AB
This practicum course is a paid capstone experience for students participating in a coherent sequence of career	13034805
and technical education courses within their designated program of study. Classroom instruction focuses on	Grade level: 12
advanced concepts and skills for marketing occupations with an emphasis on the total marketing process, sales	HS Credit(s): 3
promotion, buying, management, entrepreneurship, and careers in the field of marketing. Through course	., -
required employment, students gain knowledge and skills that help them become proficient in one or more of	
the marketing functional areas. Students will illustrate appropriate management and research skills to create the	
marketing mix. A student must be a minimum age of 16 and hold valid work documentation, such as a Social	
Security card, to enroll in any of the paid practicum learning experiences. The co-requisite extension is included	
in the Practicum and is designed to give students supervised practical application of previously studied	
knowledge and skills. In order to receive course credit, this course requires that students make a full year	
commitment to this course and their employment, must have related classroom instruction that averages one	
class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or an average of 30	
hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be	
included during the school day or outside of school hours. If work hours are during the school day, students can	
be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students'	
projected graduation plan.	
Instructional Material: Goodheart - Willcox Marketing Dynamics, 3rd Edition 2014, Goodheart-Willcox Co.	College Hour(s): NA
Prerequisite(s): Two Marketing courses within the Marketing strand	Tier III
Offered only at: Benbrook and Paschal	
HONORS PAID PRACTICUM IN MARKETING AB/EXTENDED (EXPRMKT1 AB/H)	MKH34812AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13034805
activities related to the program of study.	Grade level: 12
Instructional Material: Goodheart - Willcox Marketing Dynamics, 3rd Edition 2014, Goodheart-Willcox Co.	HS Credit(s): 3
Prerequisite(s): Two Marketing courses within the Marketing strand	College Hour(s): NA
Offered only at: Benbrook and Paschal	Tier II
HONORS CTE PROJECT-BASED CAPSTONE AB (PROBS1 AB/H)	CPH01500AB
Students will research a real-world problem and possible solutions throughout this course. Students develop a	12701101
project on a topic related to career interests, use scientific methods of investigation to conduct in-depth	Grade level: 11-12
research, are matched with a mentor from the business or professional community, compile findings, and	HS Credit(s): 1
present their findings to an audience that includes experts in the field. This course must be cooperatively	
planned and supervised by the teacher ensuring that the student has guidance and support of a mentor or interdicciplinary team. The district must maintain a written project plan for each student encoded in the course.	
interdisciplinary team. The district must maintain a written project plan for each student enrolled in the course.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Specific to program focus/pathway and is the previous course in the sequence.	Tier II
Offered at: All high school campuses	CD011214P
CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1 AB)	CP01121AB
This course is a paid capstone experience for CTE students who have found employment for the school year within	12701121
their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold	Grade level: 11-12
valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order	HS Credit(s): 2
to receive course credit, this course requires that students make a full year commitment to this course and their	
employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or	

HS CTE - Page | 55

employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work

hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.

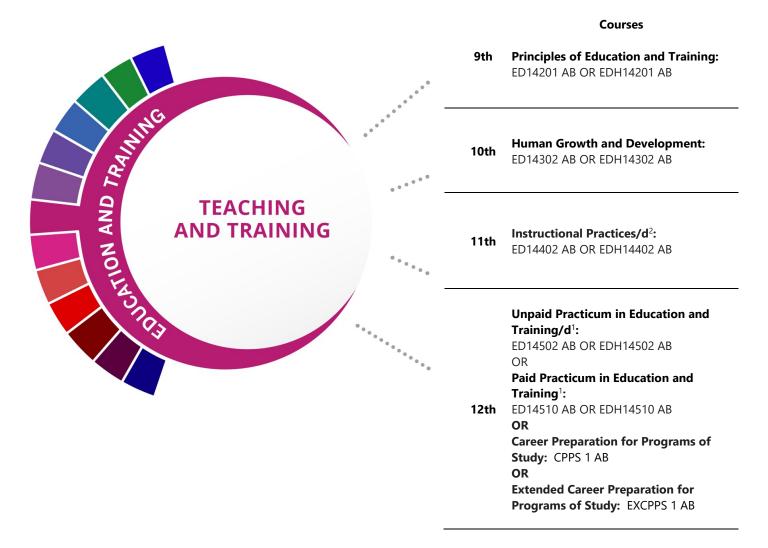
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)	CP001132AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701141 Grade level: 11-12 HS Credit(s): 3
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None _	College Hour(s): NA Tier III
CAREER PREPARATION II FOR PROGRAMS OF STUDY AB CPPS 2 (AB)	CP001142AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701122 Grade level: 11-12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION II FOR PROGRAMS OF STUDY/EXTENDED II AB (EXCPP 2 AB)	CP01402AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701132 Grade level: 11-12 HS Credit(s): 3
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>



# **Education and Training**

**Teaching and Training** 

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.



- N/A
- Certification Options:
- Industry Certification Opportunities for Performance Acknowledgment: Educational Aide I<sup>1</sup>
- Not Counted towards Performance Acknowledgment: SafeSchools<sup>2</sup>

## Available at:

- Arlington Heights HS
- Benbrook HS
- Carter-Riverside HS
- Diamond Hill Jarvis HS
- Dunbar HS

- Eastern Hills HS
- North Side HS
- OD Wyatt HS
- Paschal HS
- Polytechnic HS
- South Hills HS
- Southwest HS
- Western Hills HS

The Teaching and Training program of study prepares students for careers related to teaching, instruction, and creation of instructional and enrichment materials. The program of study introduces CTE concentrators to a wide variety of student groups and their corresponding needs. It familiarizes them with the processes for developing curriculum, coordinating educational content, and coaching groups and individuals.



The Education and Training Career Cluster<sup>®</sup> focuses on planning, managing, and providing education and training services and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training careercluster.

Successful completion of the Teaching and Training program of study will fulfill requirements of the Public Service Endorsement. Revised - July 2020

## COURSE DESCRIPTIONS FOR ALL EDUCATION AND TRAINING CLASSES

PRINCIPLES OF EDUCATION AND TRAINING AB (PRINEDTR AB)	ED14201AB
The course, Principles of Education and Training, is designed to introduce students to the various careers	13014200
available within the education and training career cluster. Students use self-knowledge and educational and	Grade level: 9 - 10
career information to analyze various careers within the education and training career cluster. They will also gain	HS Credit(s): 1
an understanding of the basic knowledge and skills essential to careers within the education and training career	
cluster.	
Instructional Material: ICEV Family and Consumer Sciences Site, CEV Multimedia Ltd., ISBN#: 9781614594963 Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	
Paschal, Polytechnic, South Hills, Southwest, Western Hills, and OD Wyatt	
HONORS PRINCIPLES OF EDUCATION AND TRAINING AB (PRINEDTR AB/H)	EDH14201AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13014200
activities related to the program of study.	Grade level: 9 – 10
Instructional Material: ICEV Family and consumer Sciences Site, CEV Multimedia Ltd.	HS Credit(s): 1
Prerequisite(s): None	College Hour(s): NA
Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	Tier II
Paschal, Polytechnic, South Hills, Southwest, Western Hills, and OD Wyatt	
HUMAN GROWTH AND DEVELOPMENT AB (HUGRDEV AB)	ED14302AB
Human Growth and Development is an examination of human development across the lifespan with emphasis	13014300
upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental	Grade level: 10 - 12
milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory	HS Credit(s): 1
course in developmental psychology or human development.	
Instructional Material: Lifespan Development Goodheart-Willcox Co.	College Hour(s): NA
Prerequisite(s): Principles of Education and Training	Tier III
Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	
Paschal, Polytechnic, South Hills, Southwest, Western Hills, and OD Wyatt	
HONORS HUMAN GROWTH AND DEVELOPMENT AB (HUGRDEV AB/H)	EDH14302AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13014300
activities related to the program of study.	Grade level: 10 – 12
Instructional Material: Lifespan Development, Goodheart-Willcox Co.	HS Credit(s): 1
Prerequisite(s): Principles of Education and Training	College Hour(s): NA
Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	Tier II
Paschal, Polytechnic, South Hills, Southwest, Western Hills, and OD Wyatt	
INSTRUCTIONAL PRACTICES IN EDUCATION AND TRAINING/D AB (INPREDTR AB)	ED14402AB
Instructional Practices in Education and Training is a field-based internship that provides students with	13014400
background knowledge of child and adolescent development as well as principles of effective teaching and	Grade level: 11 - 12
training practices. In this double-period course, students work under the joint direction and supervision of both a	HS Credit(s): 2
teacher with knowledge of early childhood education and exemplary educators or trainers in direct instructional	
roles with elementary and middle school students. Students learn to plan and direct individualized instruction and	
group activities, prepare instructional materials, develop materials for educational environments, assist with record	
keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational	
personnel.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Human Growth and Development	Tier III
Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	
Paschal, Polytechnic, South Hills, Southwest, Western Hills, and OD Wyatt HONORS INSTRUCTIONAL PRACTICES IN EDUCATION AND TRAINING/D AB	EDH14402AB
(INPREDTR AB/H)	LUIIIIIII
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13014400
activities related to the program of study.	Grade level: 11 - 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 2
Prerequisite(s): Human Growth and Development	College Hour(s): NA
Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	Tier II
Paschal, Polytechnic, South Hills, Southwest, Western Hills, and OD Wyatt	
UNPAID PRACTICUM IN EDUCATION AND TRAINING/D AB (PRACEDTR AB)	ED14502AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	13014500
career and technical education courses within their designated program of study. Unpaid Practicum in Education	Grade level: 12
and Training is an unpaid field-based internship that provides students with background knowledge of child and	HS Credit(s): 2
adolescent development as well as principles of effective teaching and training practices. In this double-period	
course, students work under the joint direction and supervision of both a teacher with knowledge of early	
hildhood education and exemplary educators or trainers in direct instructional roles with elementary and middle chool students. Students learn to plan and direct individualized instruction and group activities, prepare	

course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the	12701141 Grade level: 11-12 HS Credit(s): 3
CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB(EXCPP 1 AB)	CP001132AB
<u>Instructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s):</u> None	College Hour(s): NA <b>Tier III</b>
employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their	12701121 Grade level: 11-12 HS Credit(s): 2
CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CCPS 1 AB)	CP01121AB
Instructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Instructional Practices in Education and Training Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and OD Wyatt	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b>
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13014505 Grade level: 12
HONORS PAID PRACTICUM IN EDUCATION AND TRAINING/EXTENDED AB (EXPREDT1 AB/H)	EDH14510AB
<u>Instructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Instructional Practices in Education and Training Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, Paschal, Polytechnic, South Hills, Southwest, Western Hills, and OD Wyatt	College Hour(s): NA Tier III
principles of effective teaching and training practices. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the paid practicum learning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan.	
This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is a field-based paid internship that provides students with background knowledge of child and adolescent development as well as	13014505 Grade level: 12 HS Credit(s): 3
Paschal, Polytechnic, South Hills, Southwest, Western Hills, and OD Wyatt PAID PRACTICUM IN EDUCATION AND TRAINING/EXTENDED AB (EXPREDT1 AB)	ED14510AB
<u>Instructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Instructional Practices in Education and Training Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	HS Credit(s): 2 College Hour(s): NA
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13014500 Grade level: 12
Paschal, Polytechnic, South Hills, Southwest, Western Hills, and OD Wyatt HONORS UNPAID PRACTICUM IN EDUCATION AND TRAINING/D AB (PRACEDTR AB/H)	EDH14502AB
<u>Instructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Instructional Practices in Education and Training Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	College Hour(s): NA <b>Tier III</b>
students working in a simulated environment, running an enterprise, or be involved in program-specific local projects the school has approved for this class. Additional capstone experiences also include students being selected to be a part of a work-based experience or industry training off-site, outside of school.	
experiences can occur in a variety of locations appropriate to the nature and level of experiences such as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences include	

Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA Tier III
CAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)	CP001142AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701122 Grade level: 11-12 HS Credit(s): 2
nstructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION II FOR PROGRAMS OF STUDY/EXTENDED II AB (EXCPP 2 AB)	CP01402AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701132 Grade level: 11-12 HS Credit(s): 3
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA



## **Health Science**

**Exercise Science, Wellness, and Restoration** 

**Diagnostic & Therapeutic Services** 

**Biomedical Science** 

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.



#### **Enrichment Courses:**

Anatomy and Physiology: HS02062 AB OR HSH02062 AB

- Certification Options:
- Industry Certification Opportunities for Performance Acknowledgment: TBA
- Not Counted towards Performance Acknowledgment: BLS/CPR Certification
- Available at:

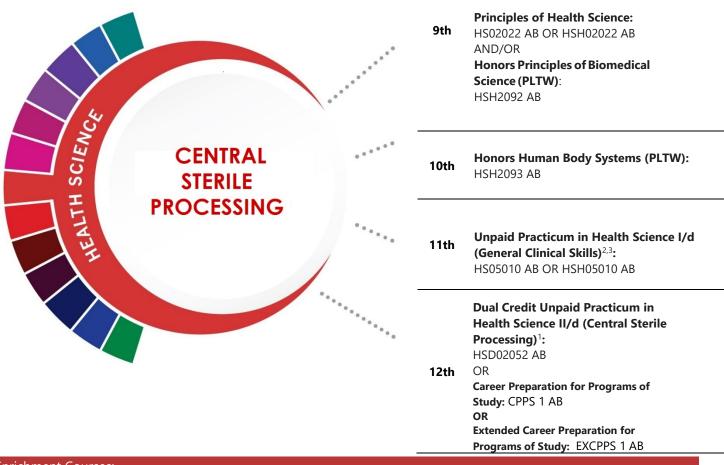
#### South Hills HS

The Exercise Science and Wellness program of study introduces CTE learners to the fields that assist patients with maintaining physical, mental, and emotional health. Students will research diet and exercise needed to maintain a healthy, balanced lifestyle and learn about and practice techniques to help patients recover from injury, illness, or disease.



The Health Science Career Cluster® focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Successful completion of the Exercise Science program of study will fulfill requirements of the Public Service or STEM endorsement if the math and science requirements are met. Locally approved Program of Study. Revised – October 2022



#### Enrichment Courses:

- Medical Microbiology: HS02071 AB OR HSH02071 AB
- Pathophysiology: HS20801 AB OR HSH20801 AB
- Pharmacology: HS02044 AB OR HSH2044 AB

Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: N/A
- Not Counted towards Performance Acknowledgment: Sterile Processing and Distribution Technician Certification<sup>1\*</sup>; OSHA 10-Hour Healthcare Industry Certification<sup>2</sup>; BLS/CPR Certification<sup>3</sup>

#### Available at:

#### • Texas Academy of Biomedical Sciences (TABS) HS

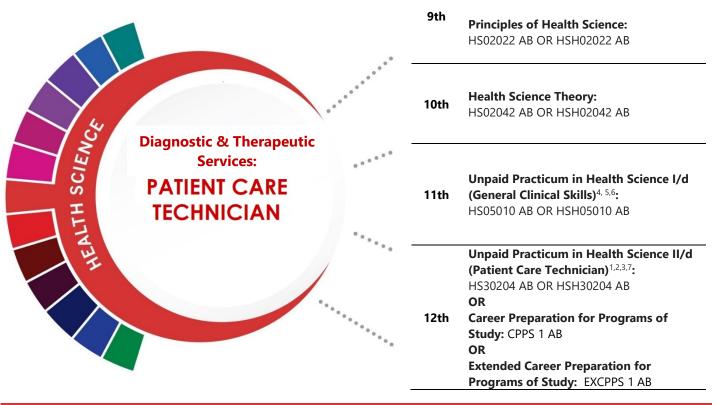
Healthcare Therapeutic' s Certified Sterile Processing program of study under the Healthcare Therapeutics focuses on the practice of the cleaning and sterilization of used surgical instruments and other medical supplies to ensure the safety, redistribution, and reuse of instruments for future patients.



The Health Science Career Cluster® focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

\*Although this is not a state-recognized Industry-Based Certification, it is a recognized component of meeting CCMR Performance Status

Successful completion of the Healthcare Therapeutic: Central Sterile Processing program of study will fulfill requirements of the Public Service Endorsement. Locally approved Program of Study. Revised – July 2020



#### Enrichment Courses:

- Anatomy and Physiology: HS02062 AB OR HSH02062 AB
- Medical Microbiology: HS02071 AB OR HSH02071 AB
- Pathophysiology: HS20801 AB OR HSH20801 AB
- Pharmacology: HS02044 AB OR HSH2044 AB

#### Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Patient Care Technician Certification<sup>1</sup>; *Optional certifications*: Phlebotomy Certification (CPT)<sup>2</sup>; Certified EKG Technician (CET)<sup>3</sup>; Certified Nurse Aide (CNA)<sup>6</sup>; Medical Assistant<sup>7</sup>
- Not Counted towards Performance Acknowledgment: OSHA 10-Hour Healthcare Industry Certification<sup>4</sup>; BLS/CPR Certification<sup>5</sup>

#### Available at:

- North Side HS
- OD Wyatt HS
- Texas Academy of Biomedical Sciences (TABS) HS
- Trimble Technical HS

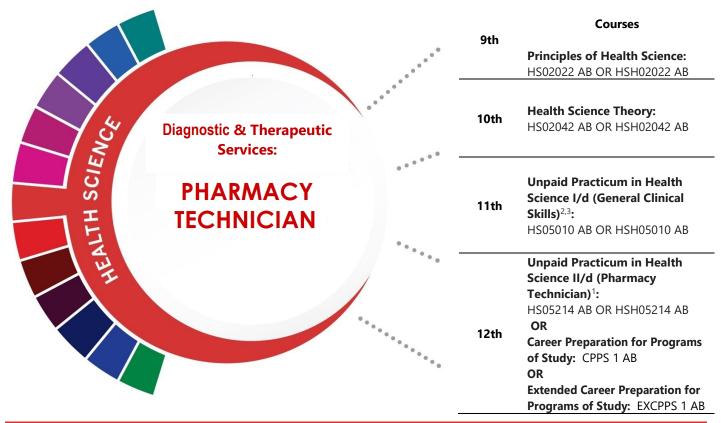
The Diagnostic and Therapeutic Services program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an introduction to the opportunities associated with providing treatment and counsel to patients as well as rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.



The Health Science Career Cluster® focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Successful completion of the Healthcare Therapeutics program of study will fulfill requirements of the Public Service or STEM endorsement if the math and science requirements are met. Revised – July 2020

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- Pharmacology: HS02044 AB OR HSH2044 AB
- Anatomy and Physiology: HS02062 AB OR HSH02062 AB
- Medical Microbiology: HS02071 AB OR HSH02071 AB
- Pathophysiology: HS20801 AB OR HSH20801 AB

#### Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Certified Pharmacy Technician (CPhT)<sup>1</sup>
- Not Counted towards Performance Acknowledgment: OSHA 10-Hour Healthcare Industry Certification<sup>2</sup>; BLS/CPR Certification<sup>3</sup>

#### Available at:

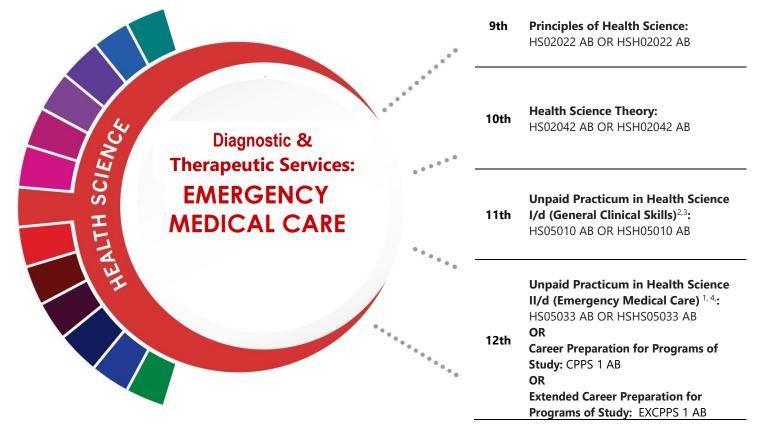
- North Side HS
- OD Wyatt HS
- Texas Academy of Biomedical Sciences (TABS) HS
- Trimble Technical HS

The Diagnostic and Therapeutic Services program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an introduction to the opportunities associated with providing treatment and counsel to patients as well as rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.



The Health Science Career Cluster<sup>®</sup> focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Successful completion of the Healthcare Therapeutics program of study will fulfill requirements of the Public Service or STEM endorsement if the math and science requirements are met. Revised – July 2020



#### Enrichment Courses:

- Anatomy and Physiology: HS02062 AB OR HSH02062 AB
- Medical Microbiology: HS02071 AB OR HSH02071 AB
- Pathophysiology: HS20801 AB OR HSH20801 AB
- Pharmacology: HS02044 AB OR HSH2044 AB

#### Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Emergency Medical Technician (EMT)<sup>1,4</sup>
- Not Counted towards Performance Acknowledgment: OSHA 10-Hour Healthcare Industry Certification<sup>2</sup>; BLS/CPR Certification<sup>3</sup>; and Emergency Medical Responder (EMR) Certifications<sup>4</sup>

#### Available at:

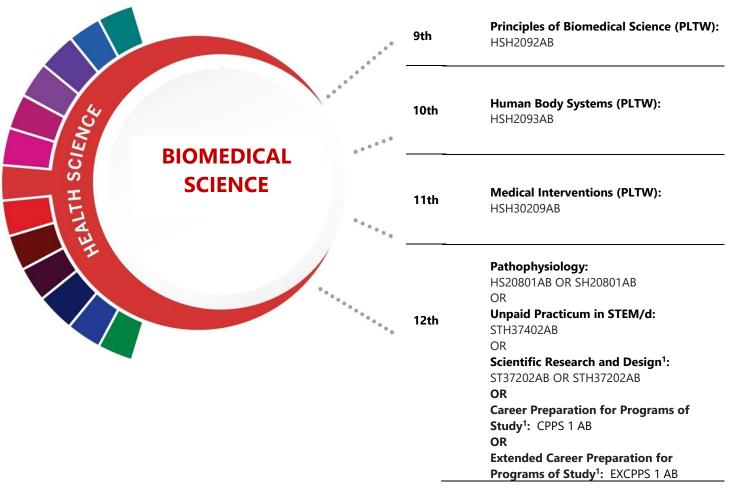
- North Side HS
- OD Wyatt HS
- Trimble Technical HS

The Diagnostic and Therapeutic Services program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an introduction to the opportunities associated with providing treatment and counsel to patients as well as rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.



The Health Science Career Cluster<sup>®</sup> focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Successful completion of the Healthcare Therapeutics program of study will fulfill requirements of the Public Service or STEM endorsement if the math and science requirements are met. Revised – July 2020



#### Enrichment Courses:

#### • N/A

- **Certification Options:**
- Industry Certification Opportunities for Performance Acknowledgment: Biotechnician Assistant Credentialing Exam (BACE)<sup>1</sup>
- Not Counted Towards Performance Acknowledgment: N/A

#### Available At:

• Texas Academy of Biomedical Sciences (TABS) HS

The Biomedical Science program of study focuses on the study of biology and medicine in order to introduce students to the knowledge and skills necessary to be successful in the healthcare field, such as researching and diagnosing diseases, pre-existing conditions, or other determinants of health. Students may also practice patient care and communication.



The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Successful completion of the Biomedical Science program of study will fulfill requirements of the Public Service Endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020

## COURSE DESCRIPTIONS FOR HEALTH SCIENCE TECHNOLOGY CLASSES

	HSH2092AB
n this Project Lead the Way course, students investigate the human body systems and various health conditions	N1302092
ncluding heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They	Grade level: 9
letermine the factors that led to the death of a fictional person and investigate lifestyle choices and medical	HS Credit(s): 1
treatments that might have prolonged the person's life. The activities and projects introduce students to human	
physiology, medicine, research processes and bioinformatics. This course is designed to provide an overview of	
Ill the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses.	
Students in this honors course will complete a project using the five phases of project management used in the	
pusiness and industry environment. In addition to the regular course curriculum, students in the honors course	
will complete additional projects and activities related to the program of study.	
nstructional Material: PLTW CURRICULUM Prerequisite(s): None	College Hour(s): NA <b>Tier II</b>
Offered only at: TABS, a Project Lead the Way approved school.	ner n
ANATOMY AND PHYSIOLOGY AB (ANATPHYS AB)	HS02062AB
n Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during	13020600
nvestigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and	Grade level: 11 – 12
the interaction of body systems for maintaining homeostasis.	HS Credit(s): 1
	Collogo Hour(c): NA
nstructional Material: Introduction to Anatomy & Physiology, Goodheart Willcox Co. ISBN#: 9781683113065 Prerequisite(s): Biology and Chemistry	College Hour(s): NA <b>Tier III</b>
<u>Prerequisite(s)</u> : Biology and Chemistry Anatomy and Physiology may be taught by any CTE teacher certified in Health Science Technology Education or	
Vocational Health Occupations with a baccalaureate degree and 18 semester credit hours in any combination of	
sciences.	
HONORS ANATOMY AND PHYSIOLOGY AB (ANATPHYS AB/H)	HSH02062AB
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business and industry environment. Anatomy and Physiology may be taught by any CTE teacher certified in	Grade level: 11 – 12
Health Science Technology Education or Vocational Health Occupations with a baccalaureate degree and 18	HS Credit(s): 1
semester credit hours in any combination of sciences. It may also be taught by a certified secondary science	
teacher. 19 TAC Chapter 231. In addition to the regular course curriculum, students in the honors course will	
complete additional projects and activities related to the program of study.	
nstructional Material: Introduction to Anatomy & Physiology, Goodheart Willcox Co.	College Hour(s): NA
Prerequisite(s): Biology and Chemistry	Tier II
HONORS HUMAN BODY SYSTEMS AB (PLTW) (HUMBODSY AB/H)	HSH2093AB
n this Project Lead the Way course, students examine the interactions of body systems as they explore identity,	N1302093
communication, power, movement, protection, and homeostasis. Students design experiments, investigate the	Grade level: 10
structures and functions of the human body, and use data acquisition software to monitor body functions such	HS Credit(s): 1
as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build	
organs and fissues on a skeletal manikin, work through interesting real-world cases and offen play the role of	
organs and tissues on a skeletal manikin, work through interesting real-world cases and often play the role of piomedical professionals to solve medical mysteries. Students in this honors course will complete a project using	
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Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 1
Prerequisite(s): Biology and Chemistry This course may be taught by a cartified secondary science teacher or any CTE teacher cartified in Health Science	College Hour(s): NA <b>Tier II</b>
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in any combination of sciences. 19 TAC Chapter 231.	
PATHOPHYSIOLOGY AB (PATHO AB)	HS20801AB
In Pathophysiology, students conduct laboratory and field investigations, use scientific methods during	13020800
investigations, and make informed decisions using critical thinking and scientific problem solving. Students in	Grade level: 11 - 12
Pathophysiology study disease processes and how humans are affected. Emphasis is placed on prevention and	HS Credit(s): 1
treatment of disease. Students will differentiate between normal and abnormal physiology.	
Instructional Material: Human Disease 4th edition; Cengage Learning	College Hour(s): NA
Prerequisite(s): Biology and Chemistry; Principles of Health Science	Tier III
4th year science credit	
HONORS PATHOPHYSIOLOGY AB (PATHO AB/H)	HSH20801AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13020800
activities related to the program of study.	Grade level: 11 – 12
Instructional Material: Human Disease 4th edition; Cengage Learning <u>Prerequisite(s)</u> : Biology and Chemistry; Principles of Health Science	HS Credit(s): 1 College Hour(s): NA
Ath year science credit	Tier II
PRINCIPLES OF HEALTH SCIENCE AB (PRINHLSC AB)	HS02022AB
Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support	1302022AB
services, and biotechnology research and development systems of the health care industry. Students learn that to	Grade level: 9
pursue a career in the health science industry, they must be able to reason, think critically, make decisions, solve	HS Credit(s): 1
problems, and communicate effectively. They learn that quality health care depends on the ability to work well	
with others. Students identify and research employment opportunities, technology, and safety requirements of	
the different systems within health science field. They apply knowledge and skills needed to pursue a health	
science career. Students are expected to employ their ethical and legal responsibilities, identify limitations, as well	
as understand the implications of their actions. This course will also introduce students to the structure of medical	
terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations.	
Instructional Material: Principles of Health Science Texas Student Edition and Medical Terminology, A Living	College Hour(s): NA
Language, Third Edition, 2017, Pearson Education	Tier III
<u>Prerequisite(s)</u> : N/A Offered only at: North Side, Trimble Tech, OD Wyatt, and TABS	
HONORS PRINCIPLES OF HEALTH SCIENCE AB (PRINHLSC AB/H)	HSH02022AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13020200
activities related to the program of study.	Grade level: 9
Instructional Material: Principles of Health Science Texas Student Edition and Medical Terminology, A Living	HS Credit(s): 1
Language, Third Edition, 2017, Pearson Education	College Hour(s): NA
Prerequisite(s): N/A	Tier II
Offered only at: North Side, Trimble Tech, OD Wyatt, and TABS	
HEALTH SCIENCE THEORY AB (HLTHSCI AB)	HS02042AB
This course allows students to gain the knowledge and skills necessary for employment or continuing education	13020400
in the health care industry. The Health Science Theory course is designed to provide for the development of	Grade level: 11
advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on	HS Credit(s): 1
experiences for continued knowledge and skill development.	
Instructional Material: DHO Health Science, Updated 8th Edition, Cengage Learning Inc.	College Hour(s): NA
<u>Prerequisite(s)</u> : Principles of Health Science Offered only at: North Side, Trimble Tech, OD Wyatt, and TABS	Tier III
HONORS HEALTH SCIENCE THEORY AB (HLTHSCI AB)	HSH02042AB
	IIJIIVZU4ZAD
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13020400
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13020400 Grade level: 11
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n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: DHO Health Science, Updated 8th Edition, Cengage Learning Inc. Prerequisite(s): Principles of Health Science	13020400 Grade level: 11
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<u>nstructional Material</u> : Contact Career and Technical Education Department for related materials P <u>rerequisite(s)</u> : Health Science Theory Offered only at: North Side, O.D. Wyatt, Trimble Tech and TABS	College Hour(s): NA <b>Tier III</b>
HONORS PRACTICUM IN HEALTH SCIENCE I: GENERAL CLINICAL SKILLS AB	HSH05010AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13020500
activities related to the program of study.	Grade level: 11
nstructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 2
Prerequisite(s): Health Science Theory	College Hour(s): NA
Offered only at: North Side, O.D. Wyatt, Trimble Tech and TABS	Tier II
PRACTICUM IN HEALTH SCIENCE II: EMERGENCY MEDICAL CARE/D AB (PRACHLS2 EMC AB)	HS05033AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	13020510
career and technical education courses within their designated program of study. This practicum is designed to	Grade level: 12
give students practical application of previously studied knowledge and skills. In this course students will gain an	HS Credit(s): 2
understanding of the pathophysiology of common medical and trauma emergencies and become proficient in	
the skills necessary to treat them in the pre-hospital setting. This course will prepare the student to take the	
national Emergency Medical Technician exam. EMTB (basic) level certification is the standard beginning level to	
work in an ambulance. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such as independent study, assistantships, mentorships, or laboratories. The	
various in-class capstone experiences include students working in a simulated environment, running an	
enterprise, or be involved in program-specific local projects the school has approved for this class. Additional	
capstone experiences also include students being selected to be a part of a work-based experience or industry	
raining off-site, outside of school.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Practicum in Health Science I: General Clinical Skills or permission of the CTE Department	Tier III
Offered only at: Trimble Tech	
HONORS PRACTICUM IN HEALTH SCIENCE II: EMERGENCY MEDICAL CARE/D AB	HSH05033AB
(PRACHLS2 EMC AB/H)	
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13020510
activities related to the program of study.	Grade level: 12
nstructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 2
Prerequisite(s): Practicum in Health Science I: General Clinical Skills or permission of the CTE Department	College Hour(s): NA
Offered only at: Trimble Tech	Tier II
PRACTICUM IN HEALTH SCIENCE II: PATIENT CARE TECHNICIAN/D AB (PHSPCT 2AB)	HS30204AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	13020510
career and technical education courses within their designated program of study. The Practicum is designed to	Grade level: 12
give students practical application of previously studied knowledge and skills. In this double period course,	HS Credit(s): 2
students will ask be suded as and skills to access a net and Detient Care Task states and Contact in the task of a sume	
students will gain knowledge and skills to pursue a national Patient Care Technician certification. In this course	
he student will learn to perform skills like performing phlebotomy and ECG, taking vitals, assisting with activities	
the student will learn to perform skills like performing phlebotomy and ECG, taking vitals, assisting with activities of daily living, and providing comfort care. The student will gain basic knowledge of medical terms, ethics, legal	
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professional organizations. Practicum capstone experiences can occur in a variety of locations appropriate to the	
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enterprise, or be involved in program-specific local projects the school has approved for this class. Additional	
capstone experiences also include students being selected to be a part of a work-based experience or industry	
training off-site, outside of school.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
<u>Prerequisite(s)</u> : Practicum in Health Science I: General Clinical Skills or Pharmacology	Tier III
Offered only at: North Side, Trimble Tech, OD Wyatt, and TABS	
HONORS PRACTICUM IN HEALTH SCIENCE II: PHARMACY TECH/D AB (PHSPHT 2AB/H)	HSH05214AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13020510
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 2
Prerequisite(s): Practicum in Health Science I: General Clinical Skills or Pharmacology	College Hour(s): NA
Offered only at: North Side, Trimble Tech, OD Wyatt, and TABS	Tier II
CTE PROJECT-BASED CAPSTONE IN HEALTH SCIENCE AB (PROBS2 AB)	HS01532AB
Project Based Research in Health Science is a course for students who have the ability to research a real-world	12701101
problem. Students develop a project on a topic related to career interests, use scientific methods of investigation	Grade level: 12
to conduct in-depth research, are matched with a mentor from the business or professional community, compile	HS Credit(s): 1
findings, and present their findings to an audience that includes experts in the field. To attain academic success,	
students must have opportunities to learn, reinforce, apply, and transfer their knowledge, skills, and technologies	
in a variety of settings. This course must be cooperatively planned by the student and teacher, continuously supervised by the teacher and conducted by the student with the guidance and support of a mentor or	
supervised by the teacher, and conducted by the student with the guidance and support of a mentor or interdisciplinary team. The district must maintain a written project plan for each student enrolled in the courses.	
Instructional Material: Contact Career and Technical Education Director for related materials	College Hour(s): NA
Prerequisite(s): Practicum in Health Science I: General Clinical Skills	Tier III
This course is designed to provide students an opportunity to earn one advanced measure for the Distinguished	
Achievement Program.	
Offered only at: North Side, Trimble Tech, OD Wyatt, and TABS	
HONORS CTE PROJECT-BASED CAPSTONE IN HEALTH SCIENCE AB (PROBS2 AB/H)	HSH01532AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	12701101
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education Director for related materials	HS Credit(s): 1
Prerequisite(s): Practicum in Health Science I: General Clinical Skills	College Hour(s): NA
This course is designed to provide students an opportunity to earn one advanced measure for the Distinguished	Tier II
Achievement Program.	
Offered only at: North Side, Trimble Tech, OD Wyatt, and TABS	
PHARMACOLOGY AB (PHARM AB)	HS02044AB
The Pharmacology course is designed to study how natural and synthetic chemical agents such as drugs affect	13020950
biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care. It is	Grade level:11
an ever-changing, growing body of information that continually demands greater amounts of time and education	HS Credit(s): 1
from health care workers.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Biology and Chemistry	Tier III
Co-Requisite: Practicum in Health Science I: General Clinical Skills	
Offered only at: Trimble Tech, North Side, OD Wyatt, and TABS	
HONORS PHARMACOLOGY AB (PHARM AB/H)	HSH02044AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13020950 Grade level: 11
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 1
Prerequisite(s): Biology and Chemistry.	College Hour(s): NA
Co-Requisite: Practicum in Health Science I: General Clinical Skills	Tier II
Offered only at: Trimble Tech, North Side, OD Wyatt, and TABS	
DUAL CREDIT PRACTICUM IN HEALTH SCIENCE: CENTRAL STERILE PROCESSING (PHSCSP A DC)	HSD02052A
TCC COURSE: (HPRS 1470) Central Sterile Processing and (HPRS 1370) Central Sterile	
Processing II	
This Practicum is designed to give students practical application of previously studied knowledge and skills. In	13020510
this double-period course, students will gain knowledge and skills to pursue a certification as Central Sterile	Grade level: 12
Processing Technician. Practicum experiences can occur in a variety of locations appropriate to the nature and	HS Credit(s): 1
level of experience. Sterile processing technicians are specially trained healthcare workers who use their	
specialized skills and knowledge to clean and sterilize medical instruments, equipment, and supplies. In this	
course students will document technical knowledge and skills in an updated professional portfolio that includes	
technical skill competencies; licensures or certifications, awards and scholarships and extended learning	
experiences such as community service and active participation in career and technical student organizations	

experiences such as community service and active participation in career and technical student organizations and professional organizations.

Instructional Material:Contact Career and Technical Education Department for related materialsCollege Hour(s): 7Prerequisite(s):Practicum in Health Science I: General Clinical SkillsTier IOffered only at:TABSTier I

DUAL CREDIT PRACTICUM IN HEALTH SCIENCE: CENTRAL STERILE PROCESSING (PHSCSP B DC) ICC COURSE: (HPRS 1471) Central Sterile Processing III and (HPRS 1561) Central Sterile	HSD02052B
Processing Clinicals	
Processing Technician. Practicum experiences can occur in a variety of locations appropriate to the nature and evel of experience. Sterile processing technicians are specially trained healthcare workers who use their pecialized skills and knowledge to clean and sterilize medical instruments, equipment, and supplies. In this course students will document technical knowledge and skills in an updated professional portfolio that includes echnical skill competencies; licensures or certifications, awards and scholarships and extended learning experiences such as community service and active participation in career and technical student organizations	13020510 Grade level: 12 HS Credit(s): 1
nd professional organizations. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials	College Hour(s): 9
	Tier I
Offered only at: TABS	CTU 222224 D
	<b>STH37222AB</b> 13037220
practices. These investigations must involve actively obtaining and analyzing data with physical equipment but	Grade level: 12 HS Credit(s): 1
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA <b>Tier II</b>
Biology, Chemistry, Physics) one (1) of which may be taken concurrently. Course taught by locally certified gifted teacher and may be taught by any certified secondary science teacher or CTE teacher with a baccalaureate degree and 18 semester credit hours.	
	HS13021AB
nd skills in fields that assist patients with maintaining physical, mental, and emotional health. Students in this	N1302107 Grade level: 9 HS Credit(s): 1
<u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : None Dffered only at: South Hills	College Hour(s): N/A Tier III
	HSH13021AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	N1302107 Grade level: 9
	HS Credit(s): 1 College Hour(s): N/A <b>Tier II</b>
Offered only at: South Hills	HS02104AB
Offered only at: South Hills <b>(INESIOLOGY I (KINES1 AB)</b> This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of tinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers within the kinesiology field and be able to explain the societal demand for kinesiology-related jobs. Students will levelop a foundation in Kinesiology I that will prepare them for upper-level courses that will dive deeper into the anatomical and physiological functions of the body and provide opportunities for an industry-certified exam	HS02104AB N1302104 Grade level: 10 HS Credit(s): 1
Content of the second s	N1302104 Grade level: 10
Offered only at: South Hills         KINESIOLOGY I (KINES1 AB)         This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of sinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers within the kinesiology field and be able to explain the societal demand for kinesiology-related jobs. Students will develop a foundation in Kinesiology I that will prepare them for upper-level courses that will dive deeper into the anatomical and physiological functions of the body and provide opportunities for an industry-certified exam uch as a certified personal trainer.         Instructional Material: Contact Career and Technical Education Department for related materials prerequisite(s): Principles of Exercise Science and Wellness         Offered only at: South Hills	N1302104 Grade level: 10 HS Credit(s): 1 College Hour(s): N/A

Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 1
Prerequisite(s): Principles of Exercise Science and Wellness	College Hour(s): N/A
Offered only at: South Hills	Tier II
KINESIOLOGY II (KINES2 AB)	HS02124AB
The Kinesiology II course is designed to provide students an advanced level of knowledge, skills, and	N1302124
understanding of body composition and the effect on health, nutritional needs of physically active individuals,	Grade level: 11
qualitative biomechanics, application of therapeutic modalities, appropriate rehabilitation services, and aerobic	HS Credit(s): 1
training intensity programs. The course is designed to allow students to advance their understanding of	
professional standards, employability skills, and ethical and legal standards. Throughout this course, students	
explore the healthcare/exercise business model and gain an understanding of therapeutic sports psychology.	
Students develop proper aerobic fitness programs and rehabilitation programs. Kinesiology II prepares students	
for an industry certification exam such as Certified Personal Trainer.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): N/A
Prerequisite(s): Kinesiology I	Tier III
Offered only at: South Hills	
HONORS KINESIOLOGY II (KINES2 AB/H)	HSH02124AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	N1302124
· · · · · ·	
ictivities related to the program of study.	Grade level: 11 HS Credit(s): 1
nstructional Material: Contact Career and Technical Education Department for related materials	()
Prerequisite(s): Kinesiology I	College Hour(s): N/A
Dffered only at: South Hills	Tier II
JNPAID PRACTICUM IN ENTREPRENEURSHIP AB (PRACENTRE AB)	MK34801AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	13011111
career and technical education courses within the designated program of study. In addition to developing	Grade level: 12
advanced technical knowledge and skills needed for success in the career fields of interest, students will be	HS Credit(s): 2
expected to develop an increasing understanding of the industry with a focus on applying management,	
inances, product development, and other entrepreneurship concepts in a professional environment Instruction	
nay be delivered through lab-based classroom experiences or career preparation opportunities. Practicum	
capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such	
as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences	
include students working in a simulated environment, running an enterprise, or be involved in program-specific	
local projects the school has approved for this class. Additional capstone experiences also include students	
being selected to be a part of a work-based experience or industry training off-site, outside of school. Students	
will build a professional portfolio demonstrating skills in Entrepreneurship.	
nstructional Material: Contact Career and Technical Education Department for related materials.	College Hour(s): NA
<u>nstructional Material</u> : Contact Career and Technical Education Department for related materials. <u>Prerequisite(s)</u> : Kinesiology II	College Hour(s): NA <b>Tier III</b>
<u>nstructional Material</u> : Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II Offered only at: South Hills	Tier III
n <u>structional Material</u> : Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II Offered only at: South Hills HONORS UNPAID PRACTICUM IN ENTREPRENEURSHIP AB (PRACENTRE AB/H)	-
nstructional Material: Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II Offered only at: South Hills HONORS UNPAID PRACTICUM IN ENTREPRENEURSHIP AB (PRACENTRE AB/H)	Tier III
nstructional Material: Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II Offered only at: South Hills HONORS UNPAID PRACTICUM IN ENTREPRENEURSHIP AB (PRACENTRE AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	Tier III MKH34801AB 13011111 Grade level: 12
nstructional Material: Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II Offered only at: South Hills HONORS UNPAID PRACTICUM IN ENTREPRENEURSHIP AB (PRACENTRE AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	Tier III MKH34801AB 13011111
nstructional Material: Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II Offered only at: South Hills HONORS UNPAID PRACTICUM IN ENTREPRENEURSHIP AB (PRACENTRE AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. nstructional Material: Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II	Tier III MKH34801AB 13011111 Grade level: 12
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nstructional Material: Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II Offered only at: South Hills HONORS UNPAID PRACTICUM IN ENTREPRENEURSHIP AB (PRACENTRE AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II Offered only at: South Hills	Tier III MKH34801AB 13011111 Grade level: 12 HS Credit(s): 2 College Hour(s): NA
nstructional Material: Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II Offered only at: South Hills HONORS UNPAID PRACTICUM IN ENTREPRENEURSHIP AB (PRACENTRE AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II Offered only at: South Hills HONORS CTE PROJECT-BASED CAPSTONE AB (PROBS1 AB/H)	Tier III MKH34801AB 13011111 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier II
nstructional Material: Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II Offered only at: South Hills HONORS UNPAID PRACTICUM IN ENTREPRENEURSHIP AB (PRACENTRE AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. nstructional Material: Contact Career and Technical Education Department for related materials. Prerequisite(s): Kinesiology II Offered only at: South Hills HONORS CTE PROJECT-BASED CAPSTONE AB (PROBS1 AB/H) Students will research a real-world problem and possible solutions throughout this course. Students develop a	Tier III MKH34801AB 13011111 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier II CPH01500AB
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Instructional Material: Project Lead the Way materials furnished by CTE department Prerequisite(s): None Offered at: TABS	College Hour(s): NA <b>Tier II</b>
HONORS HUMAN BODY SYSTEMS AB (PLTW) (HUMBODSY AB/H)	HSH2093AB
In this Project Lead the Way course, students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real-world cases and often play the role of biomedical professionals to solve medical mysteries. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	N1302093 Grade level: 10 HS Credit(s): 1
nstructional Material: Project Lead the Way materials furnished by CTE department Prerequisite(s): Principles of Biomedical Science (PLTW) Offered at: TABS	College Hour(s): NA <b>Tier II</b>
HONORS MEDICAL INTERVENTIONS AB (PLTW) (MEDINT AB/H)	HSH30209AB
Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. The course is a "How-To" manual for maintaining overall health and homeostasis in the body. Students explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose and treat cancer; and prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	N1302094 Grade level: 11 - 12 HS Credit(s): 1
Instructional Material: Project Lead the Way materials furnished by CTE department Prerequisite(s): Human Body Systems (PLTW) Offered at: TABS	College Hour(s): NA <b>Tier II</b>
HONORS UNPAID PRACTICUM IN STEM/d AB (PRACSTEM AB/H)	STH37402AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. In addition, students in this honors course will complete a project using the five phases of project management used in the business and industry environment. Practicum capstone experiences can occur in a variety of locations appropriate to the nature study, assistantships, mentorships, or laboratories. The various in-class capstone experiences include students working in a simulated environment, running an enterprise, or be involved in program-specific local projects the school has approved for this class. Additional capstone experiences also include students being selected to be a part of a work-based experience or industry training off-site, outside of school. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13037400 Grade level: 12 HS Credit(s): 2
nstructional Material: Contact Career and Technical Education Director for related materials Prerequisite(s): Medical Interventions (PLTW), Medical Microbiology Offered only at: TABS	College Hour(s): NA <b>Tier I</b> I
HONORS PAID PRACTICUM IN STEM/EXTENDED AB (EXPRSTEM1 AB/H)	STH37405AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. In addition, students in this honors course will complete a project using the five phases of project management used in the business and industry environment. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences, or laboratories. The various in-class capstone experiences include students working in a simulated environment, running an enterprise, or be involved in program-specific local projects the school has approved for this class. Additional capstone experiences also include students being selected to be a part of a work-based experience or industry training off-site, outside of school. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study	
Instructional Material: Contact Career and Technical Education Director for related materials Prerequisite(s): Medical Interventions (PLTW), Medical Microbiology Offered only at: TABS	HS Credit(s): 3 College Hour(s): NA <b>Tier II</b>
HONORS PAID PRACTICUM IN STEM AB (PRACSTEM-AB/H)	STH37409AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. In addition, students in this honors course will complete a project using the five phases of project management used in the business and industry environment. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and level of experiency of locations appropriate to the nature and level of experiences. The	13037400 Grade level: 12 HS Credit(s): 2

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SCIENTIFIC RESEARCH AND DESIGN AB (SCIRD AB)	ST37202AB ST37212AB (2 <sup>nd</sup> Time)
The student conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment but may also involve experimentation in a simulated environment as well as field observations that extend beyond the science or CTE classrooms. Research in an area of bio-related technology; communication; construction; energy, power, and transportation; or engineering align with various CTE clusters. Students apply research to problem solving and development of prototypes and working models. Students may repeat the Scientific Research and Design course TEKS with different course content for up to a maximum of three credits. If being taken as their fourth-year science course, DAP students must successfully complete a biology, a chemistry, and a physics course prior to the Scientific Research and Design course or take it concurrently with the third one of these required courses.	130372## Grade level: 11 – 12 HS Credit(s): 1
Instructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : To receive 4th year science credit students must have completed three (3) units of science (Biology, Chemistry, Physics) one (1) of which may be taken concurrently 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20	College Hour(s): NA <b>Tier III</b>
Offered at: TABS HONORS SCIENTIFIC RESEARCH AND DESIGN AB (SCIRD AB/H)	STH37202AB STH37212AB (2 <sup>nd</sup> Time)
In addition to the regular course curriculum, students in the honors course will complete additional projects and	130372##
activities related to the program of study.	Grade level: 11 - 12
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): To receive 4th year science credit students must have completed three (3) units of science (Biology, Chemistry, and Physics) one (1) of which may be taken concurrently 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 Course taught by locally certified gifted teacher Offered at: TABS	HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1 AB)	CP01121AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order	12701121 Grade level: 11-12
receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardiz students' projected graduation plan. This is a full year course.	e
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Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): None	Tier III
CAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)	CP001142AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701122 Grade level: 11-12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): None	Tier III
CAREER PREPARATION II FOR PROGRAMS OF STUDY/EXTENDED II AB (EXCPP 2 AB)	CP01402AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701132 Grade level: 11-12 HS Credit(s): 3
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Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA

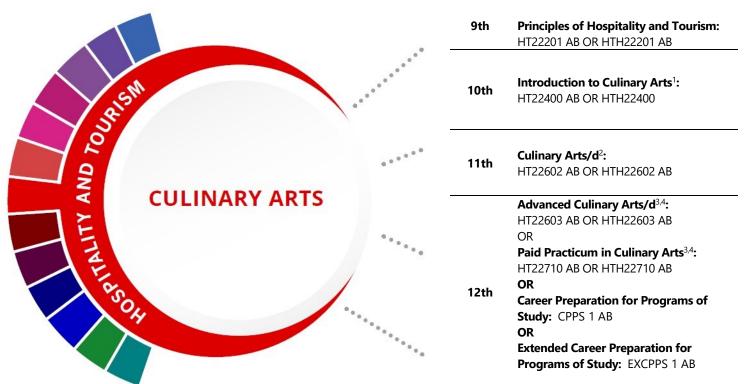


## **Hospitality and Tourism**

**Culinary Arts** 

## Lodging and Resort Management

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.



### • Food Science: HT23002 AB OR HTH23002 AB

#### **Certification Options:**

- Industry Certification Opportunities for Performance Acknowledgment: ServSafe Food Managers Certification<sup>2</sup> Certified Fundamentals Cook<sup>4</sup>
- Not counted towards Performance Acknowledgement: ServSafe Food Handlers Certification<sup>1</sup>; ServSafe Food Allergens<sup>3</sup>

#### Available at:

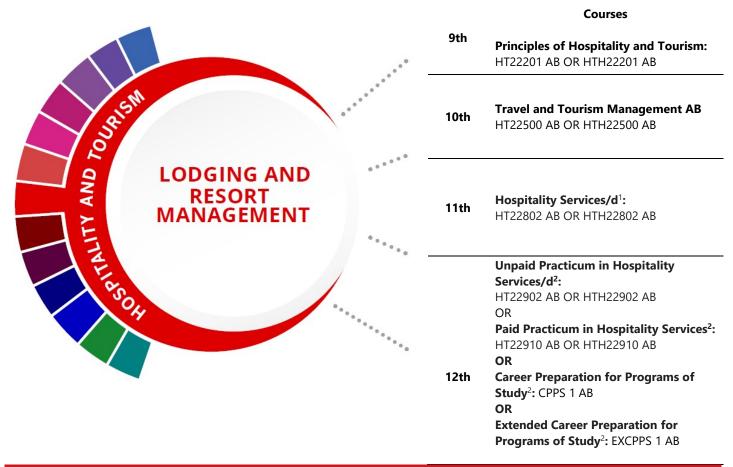
- North Side HS
- OD Wyatt HS
- Polytechnic HS
- South Hills HS
- Trimble Technical HS

The Culinary Arts program of study introduces students to occupations and educational opportunities related to the planning, directing, or coordinating activities of a food and beverage organization or department. This program of study also explores opportunities involved in directing and participating in the preparation and cooking of food.



The Hospitality and Tourism Career Cluster<sup>®</sup> focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services. Students acquire knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success.

Successful completion of the Culinary Arts program of study will fulfill requirements of the Business and Industry Endorsement. Revised – July 2020



#### • Food Science: HT23002 AB OR HTH23002 AB

**Certification Options:** 

- Industry Certification Opportunities for Performance Acknowledgment: Certified Hospitality & Tourism Management Professional
- Not counted towards Performance Acknowledgment: ServSafe Food Managers Certification<sup>1</sup>

#### Available at:

#### • North Side HS

The Lodging and Resort Management program of study introduces students to occupations and educational opportunities related to the logistical and operational management of lodging and resorts. This program of study also explores opportunities related to human resources, financial analysis, and marketing.



The Hospitality and Tourism Career Cluster<sup>®</sup> focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services. Students acquire knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success.

Successful completion of the Lodging and Resort Management program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020

## COURSE DESCRIPTIONS FOR HOSPITALITY AND TOURISM CLASSES

PRINCIPLES OF HOSPITALITY AND TOURISM AB (PRINHOSP AB)	HT22201AB
Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and	13022200
tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and	Grade level: 9 - 10
skills focusing on communication, time management, and customer service that meet industry standards.	HS Credit(s): 1
Students will explore the history of the hospitality and tourism industry and examine characteristics needed for	
success in that industry.	
Instructional Material: Foundations of Restaurant Management and Culinary Arts Level One, Pearson Education	College Hour(s): NA
<u>Prerequisite(s)</u> : None	Tier III
Offered at: North Side, Polytechnic, South Hills, Trimble Tech, OD Wyatt	
HONORS PRINCIPLES OF HOSPITALITY AND TOURISM AB (PRINHOSP AB/H)	HTH22201AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13022200
activities related to the program of study.	Grade level: 9 - 10
Instructional Material: Foundations of Restaurant Management and Culinary Arts Level One, Pearson Education	HS Credit(s): 1
Prerequisite(s): None	College Hour(s): NA
Offered only at: North Side, Polytechnic, South Hills, Trimble Tech, OD Wyatt	Tier II
HOSPITALITY SERVICE/D AB (HOSPSRVS AB)	HT22802AB
Hospitality Services provides students with the academic and technical preparation to pursue high-demand and	13022800
high-skill careers in hospitality related industries. The knowledge and skills are acquired within a sequential,	Grade level: 11 - 12
standards-based program that integrates hands-on and project-based instruction. Standards included in the	HS Credit(s): 2
Hospitality Services course are designed to prepare students for nationally recognized industry certifications,	
postsecondary education, and entry-level careers. In addition, Hospitality Services is designed so that	
performance standards meet employer expectations, enhancing the employability of students. Instruction may	
be delivered through laboratory training or through internships, mentoring, or job shadowing.	
Instructional Material: ICEV Family and Consumer Sciences Site, CEV Multimedia Ltd.	College Hour(s): NA
Prerequisite(s): Principles of Hospitality	Tier III
Offered only at: North Side	
HONORS HOSPITALITY SERVICE/D AB (HOSPSRVS AB/H)	HTH22802AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13022800
activities related to the program of study.	Grade level: 11 - 12
Instructional Material: ICEV Family and Consumer Sciences Site, CEV Multimedia Ltd.	HS Credit(s): 2
Prerequisite(s): Principles of Hospitality and Tourism	College Hour(s): NA
Offered only at: North Side	Tier II
UNPAID PRACTICUM IN HOSPITALITY SERVICES/D AB (PRACHOS1 AB)	HT22902AB
This practicum course is an uppaid capitone experience for students participating in a scherent sequence of career	12022000
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career	13022900 Grade level: 12
and technical education courses within the designated program of study. Practicum in Hospitality Services is a	Grade level: 12
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and technical education courses within the designated program of study. Practicum in Hospitality Services is a unique practicum experience to provide opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Hospitality Services integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing culinary art-based workplace. Students are taught employability skills, including job specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Practicum in Hospitality Services is relevant and rigorous, supports student attainment of academic and technical standards, and effectively prepares students for college and career success. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences include students working in a simulated environment, running an enterprise, or be involved in program-specific local projects the school has approved for this class. Additional capstone experiences also include students being selected to be a part of a work-based experience or industry training off-site, outside of school. Students will build a professional portfolio demonstrating skills in Animation. Instructional Material: Contact Career and Technical Education for related materials <u>Prerequisite(s)</u> : Hospitality Service I <u>Offered only at: North Side</u> HONORS UNPAID PRACTICUM IN HOSPITALITY SERVICES/D AB (PRACHOS1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier III HTH22902AB 13022900
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and technical education courses within the designated program of study. Practicum in Hospitality Services is a unique practicum experience to provide opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Hospitality Services integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing culinary art-based workplace. Students are taught employability skills, including job specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Practicum in Hospitality Services is relevant and rigorous, supports student attainment of academic and technical standards, and effectively prepares students for college and career success. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences include students working in a simulated environment, running an enterprise, or be involved in program-specific local projects the school has approved for this class. Additional capstone experiences also include students being selected to be a part of a work-based experience or industry training off-site, outside of school. Students will build a professional portfolio demonstrating skills in Animation. Instructional Material: Contact Career and Technical Education for related materials <u>Prerequisite(s)</u> : Hospitality Service I <u>Offered only at: North Side</u> HONORS UNPAID PRACTICUM IN HOSPITALITY SERVICES/D AB (PRACHOS1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier III HTH22902AB 13022900

PAID PRACTICUM IN HOSPITALITY SERVICES AB/EXTENDED (EXPRHOS1 AB)	HT22910AB
This practicum course is a paid capstone experience for students participating in a coherent sequence of career	13022905
and technical education courses within their designated program of study. This course provides unique	Grade level: 12
opportunities for students to participate in work-based learning that combines classroom instruction with actual	HS Credit(s): 3
pusiness and industry career experiences. integrates academic and career and technical education; provides	
nore interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community	
nstitutions with the goal of further enhancing the knowledge, skills, and industry-based experiences that students	
receive through workplace application. A student must be a minimum age of 16 and hold valid work	
documentation, such as a Social Security card, to enroll in any of the paid practicum learning experiences. In	
order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the	
school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30 hours across two weeks) at an	
approved site within ten days of the beginning of the course. Work hours can be included during the school	
day or outside of school hours. If work hours are during the school day, students can be scheduled for work	
release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation	
blan.	
nstructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
Prerequisite(s): Hospitality Services I	Tier III
Offered only at: North Side	
IONORS PAID PRACTICUM IN HOSPITALITY SERVICES AB/EXTENDED (EXPRHOS1 AB/H)	HTH22910AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13022905
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education for related materials	HS Credit(s): 3
Prerequisite(s): Hospitality Services I	College Hour(s): NA
Offered only at: North Side	Tier II
INTRODUCTION TO CULINARY ARTS AB (INCULART AB)	HT22400AB
Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and	13022550
controlling the management of a variety of food service operations. The course will provide insight into the	Grade level: 9 -10
operation of a well- run restaurant. Introduction to Culinary Arts will provide insight into food production skills,	HS Credit(s): 1
various levels of industry management, and hospitality skills. This is an entry level course for students interested	
in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based	
course.	
Instructional Material: Introduction to Culinary Arts, 3e, Pearson Education	College Hour(s): NA
Prerequisite(s): Principles of Hospitality and Tourism	Tier III
Offered only at: North Side, Polytechnic, South Hills, Trimble Tech, and OD Wyatt	HTH22400AB
HONORS INTRODUCTION TO CULINARY ARTS AB (INCULART AB) In addition to the regular course curriculum, students in the honors course will complete additional projects and	13022550
activities related to the program of study.	Grade level: 9 -10
Instructional Material: Introduction to Culinary Arts, 3e Student Edition, Pearson Education,	HS Credit(s): 1
Prerequisite(s): Principles of Hospitality and Tourism	College Hour(s): NA
Offered only at: North Side, Polytechnic, South Hills, Trimble Tech, and OD Wyatt	Tier II
CULINARY ARTS/D AB (CULARTS AB)	HT22602AB
Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking.	13022600
Through both classroom and laboratory experience provided in an industrial kitchen laboratory in this double-	Grade level: 11 - 12
period class, students develop skills for employment in the area of food production, management, and services.	HS Credit(s): 2
The course stresses operation and management of food service establishments, marketing strategies, quality	
food production skills, food presentation and service techniques. In this course, students will have the opportunity	
to take the ServSafe Food Safety Certification Exam that can count as a performance acknowledgement for their	
Business and Industry Endorsement. Students are encouraged to participate in extended learning experiences	
such as career and technical student organizations and other leadership or extracurricular organizations.	
Instructional Material: The Culinary Professional, 3rd Edition, Goodheart-Willcox Co.	College Hour(s): NA
Prerequisite(s): Introduction to Culinary Arts	Tier III
Offered only at: North Side, Polytechnic, South Hills, Trimble Tech, and OD Wyatt	
HONORS CULINARY ARTS/D AB (CULARTS AB/H)	HTH22602AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13022600
activities related to the program of study.	Grade level: 11 – 12
nstructional Material: The Culinary Professional, 3rd Edition, Goodheart-Willcox Co.	HS Credit(s): 2
Prerequisite(s): Principles of Hospitality and Tourism and Restaurant Management	College Hour(s): NA
Offered only at: North Side, Polytechnic, South Hills, Trimble Tech, and OD Wyatt	Tier II
ADVANCED CULINARY ARTS/D AB (ADVCULARTS AB)	HT22603AB
	13022650
Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or	Grade level: 12
of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment. Students can pursue a ServSafe certification, a Texas Culinary Specialist Certification, or	Grade level: 12 HS Credit(s): 2
of industry-driven standards in order to prepare students for success in higher education, certifications, and/or	

Business and Industry Endorsement.

Instructional Material: ICEV Family and Consumer Sciences Site, CEV Multimedia Ltd. Prereguisite(s): Culinary Arts I	College Hour(s): NA <b>Tier III</b>
Offered only at: North Side, Polytechnic, South Hills, Trimble Tech, and OD Wyatt	
HONORS ADVANCED CULINARY ARTS/D AB (ADVCULARTS AB/H)	HTH22603AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13022650
activities related to the program of study.	Grade level: 12
Instructional Material: ICEV Family and Consumer Sciences Site, CEV Multimedia Ltd.	HS Credit(s): 2
Prerequisite(s): Culinary Arts I	College Hour(s): NA
Offered only at: North Side, Polytechnic, South Hills, Trimble Tech, and OD Wyatt	Tier II HT22710AB
PAID PRACTICUM IN CULINARY ARTS AB/EXTENDED (EXPRCUL1 AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career	13022705
and technical education courses within their designated program of study. This course continues in-depth	Grade level: 12
experiences in food service and management. This classroom part of this course should be taught in an industrial	HS Credit(s): 3
kitchen laboratory so students can explore principles of entrepreneurship and develop the professional skills	
needed for careers such as chef, hotel/ motel management, and food service entrepreneur. A student must be a	
minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the paid oracticum learning experiences. In order to receive course credit, this course requires that students make a full	
year commitment to this course and their employment, must have related classroom instruction that averages	
one class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of	
30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can	
be included during the school day or outside of school hours. If work hours are during the school day, students	
can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize	
students' projected graduation plan. Instructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
<u>nstructional Material</u> : Contact Career and Technical Education for related materials Prerequisite(s): Advanced Culinary Arts	Tier III
Offered only at: North Side, Polytechnic, South Hills, Trimble Tech, and OD Wyatt	
HONORS PAID PRACTICUM IN CULINARY ARTS AB/EXTENDED (EXPRCUL1 AB/H)	HTH22710AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13022705
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education for related materials	HS Credit(s): 3
<u>Prerequisite(s)</u> : Advanced Culinary Arts Offered only at: North Side, Polytechnic, South Hills, Trimble Tech, and OD Wyatt	College Hour(s): NA <b>Tier II</b>
FOOD SCIENCE AB (FOODSCI AB)	HT23002AB
n Food Science students conduct laboratory and field investigations, use scientific methods during	13023000
nvestigations, and make informed decisions using critical thinking and scientific problem solving. Food Science	Grade level: 11 - 12
s the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and	HS Credit(s): 1
the improvement of foods for the consuming public. Upon completion of this course, students will be prepared to	
take the ServSafe Food Safety Certification Exam. The course should be taught in a kitchen laboratory with some	
industrial equipment to provide the students with real-world experience in commercial foods. Instructional Material: Principles of Food Science, Goodheart-Willcox Co. ISBN#: 9781683112365	College Hour(s): NA
Prerequisite(s): Three units of science, including chemistry and biology. and Culinary Arts I or Hospitality Services	Tier III
Offered only at: North Side, Polytechnic, South Hills, Trimble Tech, and OD Wyatt	
HONORS FOOD SCIENCE AB (FOODSCI AB/H)	HTH23002AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13023000
activities related to the program of study.	Grade level: 11 - 12
Instructional Material: Principles of Food Science, Goodheart-Willcox Co. ISBN#: 9781683112365	HS Credit(s): 1
Prerequisite(s): Three units of science, including chemistry and biology. and Culinary Arts I or Hospitality Services Offered only at: North Side, Polytechnic, South Hills, Trimble Tech, and OD Wyatt	College Hour(s): NA <b>Tier II</b>
DUAL CREDIT CULINARY ARTS A DC (CULARTS A DC)	HTD22602A
TCC Course: (CHEF 1305) Sanitation & Safety	IIIDEEOVER
*Courses may change depending on availability	
In this dual credit 1-semester course, students will engage in the study of personal cleanliness; sanitary practices	13022600
in food preparation; causes, investigation, control of illnesses caused by food contamination (Hazard Analysis	Grade level: 11 - 12
Critical Control Points); and workplace safety standards. Students will identify causes and prevention procedures	HS Credit(s): 1
procedures; describe food storage and refrigeration techniques; explain sanitation of dishes, equipment and	
procedures; describe food storage and refrigeration techniques; explain sanitation of dishes, equipment and itchens including cleaning material, garbage, and refuse disposal; discuss Occupational Safety and Health	
procedures; describe food storage and refrigeration techniques; explain sanitation of dishes, equipment and itchens including cleaning material, garbage, and refuse disposal; discuss Occupational Safety and Health administration (OSHA) requirements	
procedures; describe food storage and refrigeration techniques; explain sanitation of dishes, equipment and witchens including cleaning material, garbage, and refuse disposal; discuss Occupational Safety and Health Administration (OSHA) requirements and workplace safety programs. <u>Instructional Material</u> : ServSafe Manager, 7 <sup>th</sup> Ed. (w/Access Code and myservsafelab), Prentice Hall. ISBN#:	College Hour(s): 3
for food- borne illness, intoxication, and infection; discuss personal hygiene and safety food handling brocedures; describe food storage and refrigeration techniques; explain sanitation of dishes, equipment and kitchens including cleaning material, garbage, and refuse disposal; discuss Occupational Safety and Health Administration (OSHA) requirements and workplace safety programs. <u>nstructional Material</u> : <i>ServSafe Manager, 7<sup>th</sup> Ed. (w/Access Code and myservsafelab), Prentice Hall. ISBN#:</i> 0780134772899. Contact Career and Technical Education Department for additional related materials.	College Hour(s): 3 <b>Tier I</b>
brocedures; describe food storage and refrigeration techniques; explain sanitation of dishes, equipment and hitchens including cleaning material, garbage, and refuse disposal; discuss Occupational Safety and Health hitchens including cleaning material, garbage, and refuse disposal; discuss Occupational Safety and Health hitchens including cleaning material, garbage, and refuse disposal; discuss Occupational Safety and Health hitchens including cleaning material, garbage, and refuse disposal; discuss Occupational Safety and Health hitchens including cleaning material, garbage, <i>T<sup>th</sup> Ed. (w/Access Code and myservsafelab), Prentice Hall. ISBN#:</i> 1780134772899. Contact Career and Technical Education Department for additional related materials. Prerequisite(s): Introduction to Culinary Arts	-
brocedures; describe food storage and refrigeration techniques; explain sanitation of dishes, equipment and itchens including cleaning material, garbage, and refuse disposal; discuss Occupational Safety and Health administration (OSHA) requirements nd workplace safety programs. <u>Instructional Material</u> : <i>ServSafe Manager, 7<sup>th</sup> Ed. (w/Access Code and myservsafelab), Prentice Hall. ISBN#:</i> 1780134772899. Contact Career and Technical Education Department for additional related materials. <u>Prerequisite(s)</u> : Introduction to Culinary Arts <u>CC Prerequisite(s)</u> : TSI	-
rocedures; describe food storage and refrigeration techniques; explain sanitation of dishes, equipment and itchens including cleaning material, garbage, and refuse disposal; discuss Occupational Safety and Health dministration (OSHA) requirements nd workplace safety programs. <u>nstructional Material</u> : <i>ServSafe Manager, 7<sup>th</sup> Ed. (w/Access Code and myservsafelab), Prentice Hall. ISBN#:</i> <i>780134772899.</i> Contact Career and Technical Education Department for additional related materials. <u>rerequisite(s)</u> : Introduction to Culinary Arts	-

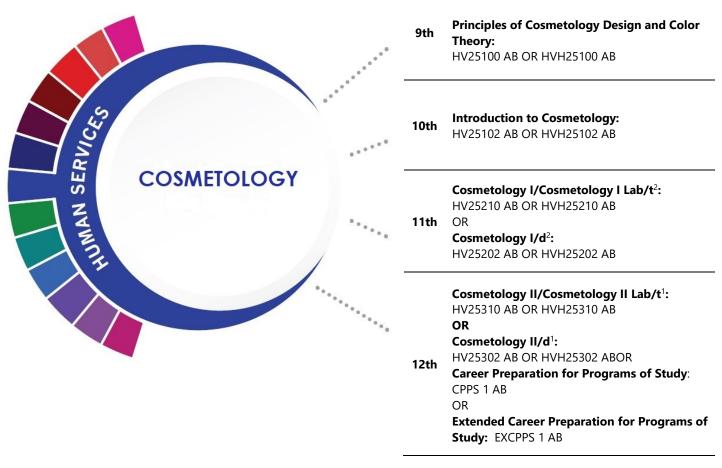
DUAL CREDIT ADVANCED CULINARY ARTS/d A DC (ADVCULARTS A DC)	HTD22603A
TCC Course: (RSTO 1304 + Lab) Dining Room Service *Courses may change depending on availability	
In this dual credit 1-semester course, students will apply the principles, concepts, and systems of professional table service. Topics include dining room organization, scheduling, and management of food service personnel. Students will identify and utilize equipment and supplies used in table service; specify the types of table service and	13022650 Grade level: 12 HS Credit(s): 1
the serving sequence for each type of service; properly prepare dining room and side station for service; explain the relationship of wait staff to customers and their perception of the establishment; and employ principles of	no creat(s). T
dining room organization, scheduling, and management of food service personnel.	
Instructional Material: Remarkable Service, CIA., John Wiley & Sons. ISBN#: 9781118116876 Contact Career and Technical Education Department for additional related materials.	College Hour(s): 3 <b>Tier I</b>
<u>Prerequisite(s)</u> : Dual Credit Culinary Arts A DC <u>TCC Prerequisite(s)</u> : TSI	
Course taught by an approved embedded instructor. Offered only at: North Side	
CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1 AB)	CP01121AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work	12701121 Grade level: 11-12 HS Credit(s): 2
release does not jeopardize students' projected graduation plan. This is a full year course.	
nstructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA Tier III
CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)	CP001132AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen nours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work and the school day as the approximate the approximate of the school day as the approximate of the app	12701141 Grade level: 11-12 HS Credit(s): 3
release does not jeopardize students' projected graduation plan. This is a full year course. <u>nstructional Material:</u> Contact Career and Technical Education Department for related materials <u>Prerequisite(s):</u> None _	College Hour(s): NA Tier III
CAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)	CP001142AB
This course is a paid capstone experience for CTE students who have found employment for the school year	12701122
within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten nours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	Grade level: 11-12 HS Credit(s): 2
nstructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA Tier III
CAREER PREPARATION II FOR PROGRAMS OF STUDY/EXTENDED II AB (EXCPP 2 AB)	CP01402AB
This course is a paid capstone experience for CTE students who have found employment for the school year	12701132
within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16	Grade level: 11-12
and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen nours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	HS Credit(s): 3
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>



## **Human Services**

Cosmetology

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.



#### Enrichment Courses:

- Microbiology and Safety for Cosmetology: HV25402 AB OR HVH25402 AB
  Certification Options:
- Industry Certification Opportunities for Performance Acknowledgment: Cosmetology Operator License<sup>1</sup>
- Not Counted towards Performance Acknowledgment: OSHA 10-Hour General Industry Certification<sup>2</sup>

## Available At:

- Dunbar HS
- North Side HS
- Trimble Technical HS

Cosmetology is an extended course of study that enables students to become licensed cosmetologists through Texas Department of Licensing and Regulation (TDLR). Cosmetology is one program of study that allows students to earn an industry certificate that launches them into a professional career immediately, yet also specifies rigorous core curricula that prepares the student to be successful in a post-secondary learning environment



The Human Services Career Cluster® focuses on preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services.

Successful completion of the Cosmetology and Personal Care Services program of study will fulfill requirements of the Public Service Endorsement. Regionally approved Program of Study. Revised – July 2020

## COURSE DESCRIPTIONS FOR HUMAN SERVICES CLASSES

PRINCIPLES OF COSMETOLOGY DESIGN AND COLOR THEORY AB (PRINCDCT AB)	HV25100AB
In Principles of Cosmetology Design and Color Theory, students coordinate integration of academic, career, and	13025050
technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific	Grade level: 9 - 10
training for employment in cosmetology careers. Students will attain academic skills and knowledge as well as	HS Credit(s): 1
technical knowledge and skills related to cosmetology design and color theory. Students will develop knowledge	
and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or	
depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair	
care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination.	
Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of	
workplace skills are included.	
Instructional Material: Milady Standard Cosmetology; Cengage	College Hour(s): NA
Prerequisite(s): Registration fee \$25 that is payable to the Texas Cosmetology Commission (must be paid the first	Tier III
week of school). The \$25 fee registers students with the Texas Cosmetology Commission to allow the clock hours.	
Offered only at: Dunbar, North Side, and Trimble Tech	
HONORS PRINCIPLES OF COSMETOLOGY DESIGN AND COLOR THEORY AB (PRINCDCT AB/H)	HVH25100AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13025050
activities related to the program of study.	Grade level: 9 – 10
Instructional Material: Milady Standard Cosmetology, Cengage	HS Credit(s): 0.5
Prerequisite(s): Registration fee \$25 that is payable to the Texas Cosmetology Commission (must be paid the first	College Hour(s): NA
week of school). The \$25 fee registers students with the Texas, Cosmetology Commission to allow the clock hours	Tier II
Offered only at: Dunbar, North Side, and Trimble Tech	
INTRODUCTION TO COSMETOLOGY AB (INTCOSMO AB)	HV25102AB
This course introduces skills that may lead to a lifetime career in cosmetology. Students explore areas such as	13025100
	Grade level: 10
bacteriology, sterilization and sanitation, hair styling, manicuring, shampooing and the principles of hair cutting, hair styling, hair coloring, skin care, and facial makeup. The student researches careers in the personal care services	
	HS Credit(s): 1
industry. To prepare for success, students must have skills relative to this industry, as well as academic knowledge	
and skills. Students may begin to earn clock hours needed to prepare for the Texas Department of Licensing and	
Regulation Examination.	
Instructional Material: Milady Standard Cosmetology, Cengage	College Hour(s): NA
Prerequisite(s): Principles of Cosmetology Design and Color Theory or Principles of Business, Marketing, and	Tier III
Finance	
Offered only at: Dunbar, North Side, and Trimble Tech	
HONORS INTRODUCTION TO COSMETOLOGY AB (INTCOSMO AB/H)	HVH25102AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13025100
activities related to the program of study.	Grade level: 10
Instructional Material: Milady Standard Cosmetology, Cengage	HS Credit(s): 1
Prerequisite(s): Principles of Cosmetology Design and Color Theory or Principles of Business, Marketing, and	College Hour(s): NA
Finance	Tier II
Offered only at: Dunbar, North Side, and Trimble Tech	HV25202AB
Offered only at: Dunbar, North Side, and Trimble Tech COSMETOLOGY I/D AB (COSMET1 AB)	HV232UZAD
	13025200 13025200
<b>COSMETOLOGY I/D AB (COSMET1 AB)</b> The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing	
COSMETOLOGY I/D AB (COSMET1 AB) The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level	13025200
<b>COSMETOLOGY I/D AB (COSMET1 AB)</b> The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing	13025200 Grade level: 11
<b>COSMETOLOGY I/D AB (COSMET1 AB)</b> The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing	13025200 Grade level: 11
<b>COSMETOLOGY I/D AB (COSMET1 AB)</b> The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing	13025200 Grade level: 11
<b>COSMETOLOGY I/D AB (COSMET1 AB)</b> The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities, requirements,	13025200 Grade level: 11
<b>COSMETOLOGY I/D AB (COSMET1 AB)</b> The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills is included. Instructional Material: <i>Milady Standard Cosmetology</i> , Cengage	13025200 Grade level: 11 HS Credit(s): 2
COSMETOLOGY I/D AB (COSMET1 AB) The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills is included. Instructional Material: Milady Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology	13025200 Grade level: 11 HS Credit(s): 2 College Hour(s): NA
COSMETOLOGY I/D AB (COSMET1 AB) The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills is included. Instructional Material: Milady Standard Cosmetology, Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech	13025200 Grade level: 11 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b>
COSMETOLOGY I/D AB (COSMET1 AB) The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills is included. Instructional Material: Milady Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech HONORS COSMETOLOGY I/D AB (COSMET1 AB/H)	13025200 Grade level: 11 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>HVH25202AB</b>
COSMETOLOGY I/D AB (COSMET1 AB) The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills is included. Instructional Material: Milady Standard Cosmetology, Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech HONORS COSMETOLOGY I/D AB (COSMET1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	13025200 Grade level: 11 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>HVH25202AB</b> 13025210
COSMETOLOGY I/D AB (COSMET1 AB) The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills is included. Instructional Material: Milady Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech HONORS COSMETOLOGY I/D AB (COSMET1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13025200 Grade level: 11 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>HVH25202AB</b> 13025210 Grade level: 11
COSMETOLOGY I/D AB (COSMET1 AB) The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills is included. Instructional Material: Milady Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech HONORS COSMETOLOGY I/D AB (COSMET1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Milady Standard Cosmetology; Cengage	13025200 Grade level: 11 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>HVH25202AB</b> 13025210 Grade level: 11 HS Credit(s): 2
COSMETOLOGY I/D AB (COSMET1 AB) The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills is included. Instructional Material: Milady Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech HONORS COSMETOLOGY I/D AB (COSMET1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Milady Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology.	13025200 Grade level: 11 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>HVH25202AB</b> 13025210 Grade level: 11 HS Credit(s): 2 College Hour(s): NA
COSMETOLOGY I/D AB (COSMET1 AB) The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills is included. Instructional Material: Milady Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech HONORS COSMETOLOGY I/D AB (COSMET1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Milady Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech Monors Cosmetology Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech Milady Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech	13025200 Grade level: 11 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>HVH25202AB</b> 13025210 Grade level: 11 HS Credit(s): 2 College Hour(s): NA <b>Tier II</b>
COSMETOLOGY I/D AB (COSMET1 AB) The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills is included. Instructional Material: <i>Milady Standard Cosmetology</i> , Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech HONORS COSMETOLOGY I/D AB (COSMET1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: <i>Milady Standard Cosmetology</i> , Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech HONORS COSMETOLOGY I/D AB (COSMET1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Milady Standard Cosmetology, Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech <b>COSMETOLOGY I/ COSMETOLOGY I LAB/t AB (COSLAB1 AB)</b>	13025200 Grade level: 11 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> HVH25202AB 13025210 Grade level: 11 HS Credit(s): 2 College Hour(s): NA <b>Tier II</b> HV25210AB
COSMETOLOGY I/D AB (COSMET1 AB) The Cosmetology I course provides students classroom and lab time to develop proficient and mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned with little to no guidance. The course meets licensing and regulation requirements for licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills is included. Instructional Material: Milady Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech HONORS COSMETOLOGY I/D AB (COSMET1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Milady Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech Monors Cosmetology Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech Milady Standard Cosmetology; Cengage Prerequisite(s): Introduction to Cosmetology Offered only at: Dunbar, North Side, and Trimble Tech	13025200 Grade level: 11 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>HVH25202AB</b> 13025210 Grade level: 11 HS Credit(s): 2 College Hour(s): NA <b>Tier II</b>

HONORS COSMETOLOGY I/ COSMETOLOGY I LAB/t AB (COSLAB1 AB)	HVH25210AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13025210
activities related to the program of study.	Grade level: 11
Instructional Material: Milady Standard Cosmetology, Cengage	HS Credit(s): 3
Prerequisite(s): Introduction to Cosmetology	College Hour(s): NA
Offered only at: Dunbar, North Side, and Trimble Tech	Tier II
MICROBIOLOGY AND SAFETY FOR COSMETOLOGY CAREERS AB (MICROS AB)	HV25402AB
Students who enroll in Microbiology and Safety for Cosmetology Careers will receive instruction in the microbial	N1302540
world, studying topics such as pathogenic and non-pathogenic microorganisms, identification of	Grade level: 11
microorganisms, drug resistant organisms, and emerging diseases. Additionally, students will explore and apply	HS Credit(s): 1
concepts as they apply to the safety and health of individuals pursuing a career in cosmetology services.	
Students may be provided with an opportunity to attain the Occupational Safety and Health Administration	
(OSHA) 10-hour safety training certification. This course also includes an opportunity for students to solve an in-	
depth analytical problem concerning occupational health and safety in cosmetology. This course is a co-requisite	
to Cosmetology I.	
Instructional Material: Milady Standard Cosmetology; Cengage	College Hour(s): NA
<u>Prerequisite(s)</u> : Introduction to Cosmetology	Tier III
<u>Co-requisite</u> : Cosmetology I	-
Offered only at: Dunbar, North Side, and Trimble Tech	
HONORS MICROBIOLOGY AND SAFETY FOR COSMETOLOGY CAREERS AB (MICROS AB/H)	HVH25402AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	N1302540
activities related to the program of study.	Grade level: 11
Instructional Material: Contact Career and Technical Education for related materials	HS Credit(s): 1
Prerequisite(s): Introduction to Cosmetology	College Hour(s): NA
<u>Co-requisite</u> : Cosmetology I	Tier II
Offered only at: Dunbar, North Side, and Trimble Tech	
COSMETOLOGY II/D AB (COSMET2 AB)	HV25302AB
The Cosmetology II course provides students classroom and lab time to develop proficient and mastery level	13025300
cosmetology skills and techniques as required by Texas Department of Licensing and Regulation licensing	Grade level: 12
standards. Students will be expected to demonstrate mastery in conducting the skills and techniques learned in	HS Credit(s): 2
Cosmetology I with little to no guidance. The course meets licensing and regulation requirements for licensure	
upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career opportunities,	
requirements, expectations, and development of workplace skills are included.	
Instructional Material: Milady Standard Cosmetology; Cengage	College Hour(s): NA
Prerequisite(s): Cosmetology I	Tier III
Offered only at: Dunbar, North Side, and Trimble Tech	
HONORS COSMETOLOGY II/D AB (COSMET2 AB/H)	HVH25302AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13025300
activities related to the program of study.	Grade level: 12
Instructional Material: Milady Standard Cosmetology, Cengage	HS Credit(s): 2
<u>Prerequisite(s)</u> : Cosmetology I	College Hour(s): NA
Offered only at: Dunbar, North Side, and Trimble Tech	Tier II
COSMETOLOGY II/COSMETOLOGY II LAB/t AB (COSLAB2 AB)	HV25310AB
The Cosmetology II Lab course provides students additional classroom and lab time to develop proficient and	13025310
mastery level cosmetology skills and techniques as required by Texas Department of Licensing and Regulation	Grade level: 12
licensing standards. Students will be expected to demonstrate mastery in conducting the skills and techniques	HS Credit(s): 3
learned in Cosmetology I with little to no guidance. The course meets licensing and regulation requirements for	
licensure upon passing the Texas Department of Licensing and Regulation Examination. Analysis of career	
opportunities, requirements, expectations, and development of workplace skills are included.	
	College Hour(s): NA
opportunities, requirements, expectations, and development of workplace skills are included.	College Hour(s): NA <b>Tier III</b>
opportunities, requirements, expectations, and development of workplace skills are included. Instructional Material: Milady Standard Cosmetology; Cengage;	÷
opportunities, requirements, expectations, and development of workplace skills are included. <u>Instructional Material</u> : <i>Milady Standard Cosmetology</i> ; Cengage; <u>Prerequisite(s)</u> : Cosmetology I	÷
opportunities, requirements, expectations, and development of workplace skills are included. <u>Instructional Material</u> : Milady Standard Cosmetology; Cengage; <u>Prerequisite(s)</u> : Cosmetology I Offered only at: Dunbar, North Side, Trimble Tech <b>HONORS COSMETOLOGY II/COSMETOLOGY II LAB/t AB (COSLAB2 AB)</b>	Tier III
opportunities, requirements, expectations, and development of workplace skills are included. Instructional Material: Milady Standard Cosmetology; Cengage; Prerequisite(s): Cosmetology I Offered only at: Dunbar, North Side, Trimble Tech HONORS COSMETOLOGY II/COSMETOLOGY II LAB/t AB (COSLAB2 AB) In addition to the regular course curriculum, students in the honors course will complete additional projects and	Tier III HVH25310AB
opportunities, requirements, expectations, and development of workplace skills are included. Instructional Material: Milady Standard Cosmetology; Cengage; Prerequisite(s): Cosmetology I Offered only at: Dunbar, North Side, Trimble Tech HONORS COSMETOLOGY II/COSMETOLOGY II LAB/t AB (COSLAB2 AB) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Milady Standard Cosmetology; Cengage	Tier III           HVH25310AB           13025310           Grade level: 12           HS Credit(s): 3
opportunities, requirements, expectations, and development of workplace skills are included. Instructional Material: Milady Standard Cosmetology; Cengage; Prerequisite(s): Cosmetology I Offered only at: Dunbar, North Side, Trimble Tech HONORS COSMETOLOGY II/COSMETOLOGY II LAB/t AB (COSLAB2 AB) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	Tier III HVH25310AB 13025310 Grade level: 12

CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1 AB)	CP01121AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701121 Grade level: 11-12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s):</u> None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)	CP001132AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701141 Grade level: 11-12 HS Credit(s): 3
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None _	College Hour(s): NA Tier III
CAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)	CP001142AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701122 Grade level: 11-12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION II FOR PROGRAMS OF STUDY/EXTENDED II AB (EXCPP 2 AB)	CP01402AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize	12701132 Grade level: 11-12 HS Credit(s): 3
students' projected graduation plan. This is a full year course. <u>Instructional Material</u> : Contact Career and Technical Education Department for related materials	College Hour(s): NA



# **Information Technology**

Information Technology Support and Services

**Networking Systems** 

Cybersecurity

**Programming and Software Development** 

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.

9th Principles of Information Technology: IT27201 AB OR ITH27201 AB



#### Enrichment Courses:

• N/A

- **Certification Options:**
- Industry Certification Opportunities for Performance Acknowledgment: CompTIA IT Fundamentals+<sup>1</sup>; CompTIA A+<sup>2</sup>
- Not Counted Towards Performance Acknowledgment: N/A
- Available at:
- Polytechnic HSSouth Hills HS
- Trimble Technical HS
- Western Hills HS

The Information Technology Computer Support and Services program of study explores the occupations and educational opportunities associated with administering, testing, and implementing computer databases and applying knowledge of database management systems. This program of study may also include analyzing user requirements and problems to automate or improve existing systems and review computer system capabilities. This program of study may also include exploration into the research, design, or testing of computer or computer-related equipment for commercial, industrial, military, or scientific use.

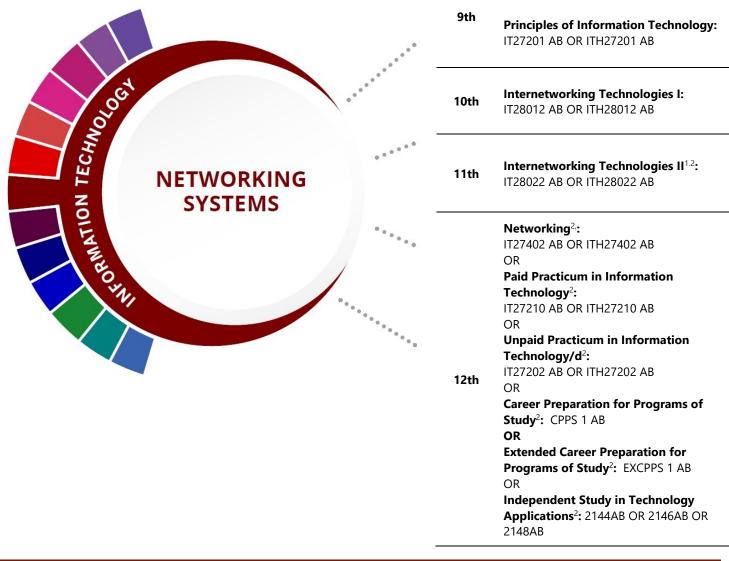


The Information Technology (IT) Career Cluster<sup>®</sup> focuses on building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services

Successful completion of the Information Technology Support and Services program of study will fulfill requirements of a Business and Industry or STEM endorsement if the math and science requirements are met. Revised - July 2020

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#### • N/A

- Certification Options:
- Industry Certification Opportunities for Performance Acknowledgment: Cisco 100-490 RSTECH Supporting Cisco Routing and Switching Network Devices<sup>1</sup>, CompTIA Network+<sup>2</sup>
- Not Counted Towards Performance Acknowledgment: N/A

#### Available at:

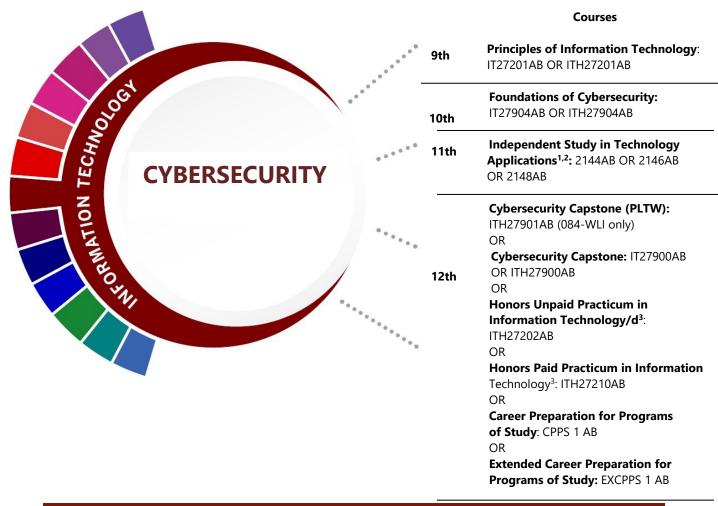
• Carter-Riverside HS

The Networking Systems program of study explores the occupations and educational opportunities associated with designing and implementing computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. This program of study may also include exploration into analyzing science, engineering, and other data processing problems to implement and improve computer systems.



The Information Technology (IT) Career Cluster® focuses on building linkages in IT occupations for entry level, Technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services

Successful completion of the Networking Systems program of study will fulfill requirements of a Business and Industry or STEM endorsement if the math and science requirements are met. Revised - July 2020



#### • N/A

#### **Certification Options:**

- Industry Certification Opportunities for Performance Acknowledgment: CompTIA Security+<sup>1</sup>; ISACA Foundations of Cybersecurity Certificate<sup>2</sup>
- Not Counted Towards Performance Acknowledgment: N/A

#### Available At:

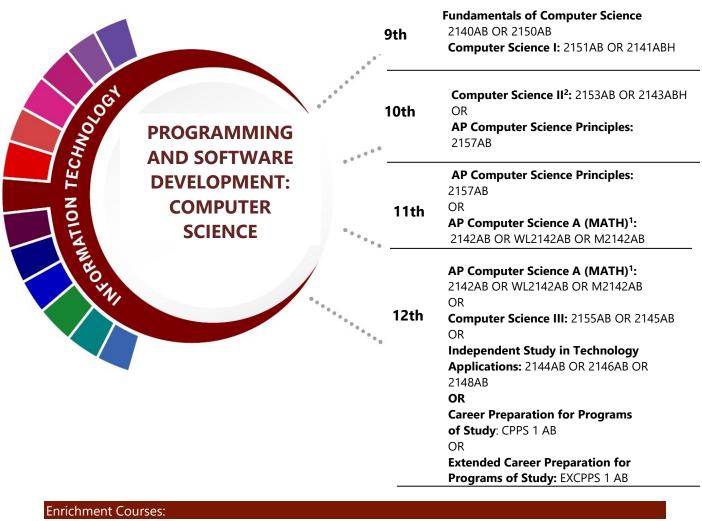
- Trimble Technical HS
- World Languages Institute (Cybersecurity Capstone only)

The Cybersecurity program of study includes the occupations and educational opportunities related to planning, implementing, upgrading, or monitoring security measure for the protection of computer networks and information. This program of study may also include exploration into responding to computer security breaches and virus and administering network security measures.



The Information Technology (IT) Career Cluster® focuses on building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services

Successful completion of the Cybersecurity program of study will fulfill requirements of a Business and Industry or STEM endorsement if the math and science requirements are met. Revised - July 2020



• Independent Study in Technology Applications: 2144AB, 2146AB, 2148AB

### **Certification Options:**

- Industry Certification Opportunities for Performance Acknowledgment: Information Technology Specialist: Java<sup>1</sup>; CodeHS Python Level 1 Certtification<sup>2</sup>
- Not Counted Towards Performance Acknowledgment: N/A

### Available At:

- Arlington Heights HS
- Paschal HS

Trimble Technical HS

- I.M. Terrell Academy HS
- World Languages Institute

The Programming and Software Development program of study explores the occupations and education opportunities associated with researching, designing, developing, and testing operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computer applications. This program of study may also include exploration into creating, modifying, and testing the codes, forms, and script that allow computer applications to run.



The Information Technology (IT) Career Cluster® focuses on building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services

Successful completion of the Programming and Software Development program of study will fulfill requirements of a Business and Industry or STEM endorsement if the math and science requirements are met. Revised - July 2020

# COURSE DESCRIPTIONS FOR INFORMATION TECHNOLOGY CLASSES

PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT AB)	IT27201AB
In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging	13027200
technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare	Grade level: 9 - 10
for a rapidly evolving workplace environment. Students will enhance reading, writing, computing,	HS Credit(s): 1
communication, and reasoning skills and apply them to the information technology environment.	
Instructional Material: Principles of Information Technology – Texas Student Edition, Pearson Education, Inc.,	College Hour(s): NA
Prerequisite(s): None	Tier III
Offered only at: Carter-Riverside and World Languages Institute	
HONORS PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT AB/H)	ITH27201AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13027200
activities related to the program of study.	Grade level: 9 - 10
Instructional Material: Principles of Information Technology – Texas Student Edition, Pearson Education, Inc.	HS Credit(s): 1
Prerequisite(s): None	College Hour(s): NA
Offered only at: Carter-Riverside and World Languages Institute	Tier II
UNPAID PRACTICUM IN INFORMATION TECHNOLOGY/D (PRACIT1 AB)	IT27202AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	13028000
career and technical education courses within the designated program of study. In the Practicum in Information	Grade level: 12
Technology, students will gain advanced knowledge and skills in the application, design, production,	HS Credit(s): 2
implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and	
skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare	
students for success in a technology-driven society. Practicum capstone experiences can occur in a variety of	
locations appropriate to the nature and level of experiences such as independent study, assistantships,	
mentorships, or laboratories. The various in-class capstone experiences include students working in a simulated	
environment, running an enterprise, or be involved in program-specific local projects the school has approved	
for this class. Additional capstone experiences also include students being selected to be a part of a work-	
based experience or industry training off-site, outside of school.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Internetworking Technologies I, Computer Science II or AP Computer Science	Tier III
Offered only at: Trimble Tech and Carter Riverside	
HONORS UNPAID PRACTICUM IN INFORMATION TECHNOLOGY/D (PRACIT1 AB/H)	ITH27202AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13028000
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 2
Prerequisite(s): Internetworking Technologies I, Computer Science II or AP Computer Science	College Hour(s): NA
Offered only at: Trimble Tech and Carter Riverside	Tier II
PAID PRACTICUM IN INFORMATION TECHNOLOGY AB/EXTENDED (EXPRIT1 AB)	IT27210AB
This practicum course is a paid capstone experience for students participating in a coherent sequence of career	13028005
and technical education courses within their designated program of study. In this course, students will gain	Grade level: 12
advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation,	HS Credit(s): 3
and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills	
and application of IT concepts and standards are essential to prepare students for success in a technology-	
driven society. Critical thinking, IT experience, and product development may be conducted in a classroom	
setting along with paid employment in the IT industry. A student must be a minimum age of 16 and hold valid	
work documentation, such as a Social Security card, to enroll in any of the paid practicum learning experiences.	
In order to receive course credit, this course requires that students make a full year commitment to this course	
and their employment, must have related classroom instruction that averages one class period per week during	
the school year, are employed for fifteen (15) hours per week (or average of 30 hours across two weeks) at an	
approved site within ten days of the beginning of the course. Work hours can be included during the school	
day or outside of school hours. If work hours are during the school day, students can be scheduled for work	
release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation	
plan.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Internetworking Technologies I, Computer Science II or AP Computer Science A	Tier III
Offered only at: Trimble Tech and Carter Riverside	
HONORS PAID PRACTICUM IN INFORMATION TECHNOLOGY AB/EXTENDED (EXPRIT1 AB/H)	ITH27210AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13028005
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 3
Prerequisite(s): Internetworking Technologies I, Computer Science II or AP Computer Science A	College Hour(s): NA
Offered only at: Trimble Tech and Carter Riverside	Tier II

NETWORKING AB (NTWRK AB)	IT27402AB
his course provides a basic introduction to telecommunications and the operational and technical aspects of	13027400
etwork systems. Students explore the various types and uses of networks and online services. Students will	Grade level: 10 - 11
earn to install, configure and troubleshoot basic networking hardware, protocols and services. To prepare for	HS Credit(s): 1
success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of	
settings and problems. This course prepares students for the Computer Technology Industry Association	
(CompTIA©) A+ Exam.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Principles of Information Technology	Tier III
Offered only at: Carter Riverside and Eastern Hills	
HONORS NETWORKING AB (NTWRK AB/H)	ITH27402AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13027400
activities related to the program of study.	Grade level: 10 - 11
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 1
Prerequisite(s): Principles of Information Technology	College Hour(s): NA
Offered only at: Carter Riverside and Eastern Hills	Tier II
INTERNETWORKING TECHNOLOGIES I AB (INTNET1 AB)	IT28012AB
Jsing a lab setting that corresponds to the workplace, students design local and wide-area networks. Students	N1302803
focus on network fundamentals, router theory, router technologies, network design, and network management.	Grade level: 11 - 12
Students begin preparation for CISCO industry certification. In addition to the regular course curriculum,	HS Credit(s): 1
students in the honors course will complete additional projects and activities related to the program of study.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Principles of Information Technology	Tier III
Teacher must be CISCO certified.	
Offered only at: Carter Riverside	
HONORS INTERNETWORKING TECHNOLOGIES I AB (INTNET1 AB/H)	ITH28012AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	N1302803
activities related to the program of study.	Grade level: 11 - 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 1
Prerequisite(s): Principles of Information Technology	College Hour(s): NA
Teacher must be CISCO certified.	Tier II
Offered only at: Carter Riverside	
INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB)	IT28022AB
This high-tech learning environment provides students the knowledge and experience to enter the workforce	N1302804
and/or further their education and training in the computer-networking field. Students work in a lab to prepare	Grade level: 12
for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum,	HS Credit(s): 1
students in the honors course will complete additional projects and activities related to the program of study.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Internetworking Technologies I	Tier III
Teacher must be CISCO certified.	
reacher must be CISCO certified.	
Teacher must be CISCO certifiea. Offered only at: Carter Riverside	
	ITH28022AB
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H)	ITH28022AB N1302804
Offered only at: Carter Riverside	
Offered only at: Carter Riverside <b>HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H)</b> This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare	N1302804
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce	N1302804 Grade level: 12
Offered only at: Carter Riverside <b>HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H)</b> This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum,	N1302804 Grade level: 12
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I	N1302804 Grade level: 12 HS Credit(s): 1
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified.	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified. Offered only at: Carter Riverside	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified. Offered only at: Carter Riverside COMPUTER MAINTENANCE AB (COMPMTN AB)	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified. Offered only at: Carter Riverside COMPUTER MAINTENANCE AB (COMPMTN AB) In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> IT27302AB
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified. Offered only at: Carter Riverside COMPUTER MAINTENANCE AB (COMPMTN AB) In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> IT27302AB 13027300
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified. Offered only at: Carter Riverside COMPUTER MAINTENANCE AB (COMPMTN AB) In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> IT27302AB 13027300 Grade level: 10
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified. Offered only at: Carter Riverside COMPUTER MAINTENANCE AB (COMPMTN AB) In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> IT27302AB 13027300 Grade level: 10
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified.	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> IT27302AB 13027300 Grade level: 10
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified. Offered only at: Carter Riverside COMPUTER MAINTENANCE AB (COMPMTN AB) In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies.	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> IT27302AB 13027300 Grade level: 10 HS Credit(s): 1
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified. Offered only at: Carter Riverside COMPUTER MAINTENANCE AB (COMPMTN AB) In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Principles of Information Technology	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> IT27302AB 13027300 Grade level: 10 HS Credit(s): 1 College Hour(s): NA
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified. Offered only at: Carter Riverside COMPUTER MAINTENANCE AB (COMPMTN AB) In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies. Instructional Material: Contact Career and Technical Education Department for related materials	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> IT27302AB 13027300 Grade level: 10 HS Credit(s): 1 College Hour(s): NA
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified. Offered only at: Carter Riverside COMPUTER MAINTENANCE AB (COMPMTN AB) In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Principles of Information Technology Offered only at: Eastern Hills, Polytechnic, South Hills, Trimble Tech and Western Hills HONORS COMPUTER MAINTENANCE AB/H (COMPMTN AB/H)	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> IT27302AB 13027300 Grade level: 10 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> ITH27302AB
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified. Offered only at: Carter Riverside COMPUTER MAINTENANCE AB (COMPMTN AB) In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Principles of Information Technology Offered only at: Eastern Hills, Polytechnic, South Hills, Trimble Tech and Western Hills HONORS COMPUTER MAINTENANCE AB/H (COMPMTN AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> IT27302AB 13027300 Grade level: 10 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> ITH27302AB 13027300
Offered only at: Carter Riverside HONORS INTERNETWORKING TECHNOLOGIES II AB (INTNET2 AB/H) This high-tech learning environment provides students the knowledge and experience to enter the workforce and/or further their education and training in the computer-networking field. Students work in a lab to prepare for CISCO industry certification. Teacher must be CISCO certified. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Internetworking Technologies I Teacher must be CISCO certified. Offered only at: Carter Riverside COMPUTER MAINTENANCE AB (COMPMTN AB) In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Principles of Information Technology Offered only at: Eastern Hills, Polytechnic, South Hills, Trimble Tech and Western Hills HONORS COMPUTER MAINTENANCE AB/H (COMPMTN AB/H)	N1302804 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> IT27302AB 13027300 Grade level: 10 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> ITH27302AB

Offered only at: Eastern Hills, Polytechnic, South Hills, Trimble Tech and Western Hills	Tier II
INPAID COMPUTER TECHNICIAN PRACTICUM/d AB (COMPT1 AB)	IT27502AB
In the Computer Technician Practicum, students will gain knowledge and skills in computer technologies,	13027500
including advanced knowledge of electrical and electronic theory, computer principles, and components related	Grade level: 11
to the installation, diagnosis, service, and repair of computer-based technology systems. Students will reinforce,	HS Credit(s): 2
apply, and transfer their knowledge and skills to a variety of settings and problems. Proper use of analytical skills	
and application of IT concepts and standards are essential to prepare students for success in a technology-driven	
society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with	
an instructor, with an industry mentor, or both.	
Instructional Material: Contact Career and Technical Education Department for related materials	Collogo Hour(s): NA
	College Hour(s): NA
Prerequisite(s): Computer Maintenance	Tier III
Offered only at: Polytechnic, South Hills, Trimble Tech and Western Hills	
HONORS UNPAID COMPUTER TECHNICIAN PRACTICUM/d AB/H (COMPT1 AB/H)	ITH27502AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13027500
activities related to the program of study.	Grade level: 11
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 2
Prerequisite(s): Computer Maintenance	College Hour(s): NA
Offered only at: Polytechnic, South Hills, Trimble Tech and Western Hills	Tier II
UNPAID COMPUTER TECHNICIAN PRACTICUM II/d AB (COMPT2 AB)	IT27510AB
f taken a second time senior year	100075/2
In the Computer Technician Practicum, students will gain knowledge and skills in computer technologies,	13027510
including advanced knowledge of electrical and electronic theory, computer principles, and components related	Grade level: 12
to the installation, diagnosis, service, and repair of computer-based technology systems. Students will reinforce,	HS Credit(s): 2
apply, and transfer their knowledge and skills to a variety of settings and problems. Proper use of analytical skills	
and application of IT concepts and standards are essential to prepare students for success in a technology-driven	
society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with	
an instructor, with an industry mentor, or both.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Computer Maintenance	Tier III
Offered only at: Polytechnic, South Hills, Trimble Tech and Western Hills	
HONORS UNPAID COMPUTER TECHNICIAN PRACTICUM II d AB/H (COMPT2 AB/H)	ITH27510AB
If taken a second time senior year	
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13027510
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 2
Prerequisite(s): Computer Maintenance	College Hour(s): NA
Offered only at: Polytechnic, South Hills, Trimble Tech and Western Hills	Tier II
HONORS CTE PROJECT-BASED CAPSTONE AB (PROBS1 AB/H)	CPH01500AB
Students will research a real-world problem and possible solutions throughout this course. Students develop a	12701101
project on a topic related to career interests, use scientific methods of investigation to conduct in-depth	Grade level: 11-12
esearch, are matched with a mentor from the business or professional community, compile findings, and	HS Credit(s): 1
present their findings to an audience that includes experts in the field. This course must be cooperatively	
planned and supervised by the teacher ensuring that the student has guidance and support of a mentor or	
nterdisciplinary team. The district must maintain a written project plan for each student enrolled in the course.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Specific to program focus/pathway and is the previous course in the sequence.	Tier II
Dffered at: All high school campuses	
OUNDATIONS OF CYBERSECURITY AB (FODCYBER AB)	IT27904AB
n the Foundations of Cybersecurity course, students will develop the knowledge and skills needed to explore	03580850
undamental concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends	Grade level: 9
and operations of cyberattacks, threats, and vulnerabilities. Students will review and explore security policies	HS Credit(s): 1
designed to mitigate risks. The skills obtained in this course prepare students for additional study in	
sybersecurity. A variety of courses are available to students interested in this field. Foundations of Cybersecurity	
nay serve as an introductory course in this field of study.	
nstructional Material: Texas - Foundations of Cybersecurity, CodeHS; Contact CTE Dept. for related materials	College Hour(s): NA
	<b>U</b>
	Tier III
Prerequisite(s): None	
Prerequisite(s): None Dffered at: Trimble Tech	
Prerequisite(s): None Offered at: Trimble Tech HONORS FOUNDATIONS OF CYBERSECURITY AB (FODCYBER AB/H)	ITH27904AB
Prerequisite(s): None Offered at: Trimble Tech <b>HONORS FOUNDATIONS OF CYBERSECURITY AB (FODCYBER AB/H)</b> n addition to the regular course curriculum, students in the honors course will complete additional projects and	03580850
Prerequisite(s): None Differed at: Trimble Tech HONORS FOUNDATIONS OF CYBERSECURITY AB (FODCYBER AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	03580850 Grade level: 9
Prerequisite(s): None Differed at: Trimble Tech HONORS FOUNDATIONS OF CYBERSECURITY AB (FODCYBER AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. nstructional Material: Texas - Foundations of Cybersecurity, CodeHS; Contact CTE Dept. for related materials	03580850 Grade level: 9 HS Credit(s): 1
Prerequisite(s): None Differed at: Trimble Tech IONORS FOUNDATIONS OF CYBERSECURITY AB (FODCYBER AB/H) n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	03580850 Grade level: 9

COMPUTER SCIENCE I AB (TACS 1AB)	2151AB WL2151AB
Students develop a solid foundation in computer terminology and programming, binary and hexadecimal	03580200
number systems, computer ethics (including copyright laws and privacy), and structured programming and	Grade level: 9 - 12
programming techniques on personal computers are emphasized. Students will study and write programs	HS Credit(s): 1
utilizing the high-level languages FORTRAN, Pascal, and/ or C++. Students may be awarded one *LOTE credit	
(WL2151AB) or one elective credit (2151AB) for successful completion of this course.	
Instructional Material: Texas - Computer Science I, CodeHS	College Hour(s): NA
Prerequisite(s) (for those pursuing the course as an elective or the Computer Science sequence): None	Tier III
Prerequisite(s) (for those pursuing the Cybersecurity sequence): Foundations of Cybersecurity	
Offered at: Arlington Heights, Carter-Riverside, Dunbar, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic,	
South Hills, and Trimble Tech. Also offered as an elective course at select high schools.	24.44.8
HONORS COMPUTER SCIENCE I AB/H (TACS 1AB/H)	2141AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	03580200
activities related to the program of study.	Grade level: 9 - 12
nstructional Material: Texas - Computer Science I, CodeHS	HS Credit(s): 1
Prerequisite(s) (for those pursuing the Computer Science sequence): None	College Hour(s): NA
Prerequisite(s) (for those pursuing the Cybersecurity sequence): Foundations of Cybersecurity	Tier II
Offered at: Arlington Heights, Carter-Riverside, Dunbar, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, and Trimble Tech. Also offered as an elective course at select high schools.	
COMPUTER SCIENCE II AB (TACS 2AB)	2153AB
WIT UTEN SCIENCE II AD (TACS ZAD)	2155AB *WL2153AB
Computer Science II will foster students' creativity and innovation by presenting opportunities to design,	03580300
mplement, and present meaningful programs through a variety of media. Students will collaborate with one	Grade level: 10 – 12
another, their instructor, and various electronic communities to solve the problems presented throughout the	HS Credit(s): 1
course. Through data analysis, students will identify task requirements, plan search strategies, and use computer	
science concepts to access, analyze, and evaluate information needed to solve problems. By using computer	
science knowledge and skills that support the work of individuals and groups in solving problems, students will	
select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results.	
Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and	
respect. Students will gain an understanding of computer science through the study of technology operations,	
systems, and concepts. The six strands include creativity and innovation; communication and collaboration;	
research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and	
technology operations and concepts. Students may be awarded one *LOTE credit (WL2143 AB) or one elective	
credit (2143 AB) for successful completion of this course.	
nstructional Material: Texas - Computer Science II, CodeHS	College Hour(s): NA
Prerequisite(s): Computer Science I	Tier III
Offered as an elective course at select high schools.	
HONORS COMPUTER SCIENCE II AB/H (TACS 2AB/H)	2143AB
	*WL2143AB
n addition to the regular course curriculum, students will complete additional projects and activities related to	03580300
he program of study. Students may be awarded one *LOTE credit (WL2143 AB) or	Grade level: 10 – 12
ne elective credit (2143 AB) for successful completion of this course.	HS Credit(s): 1
nstructional Material: Texas - Computer Science II, CodeHS	College Hour(s): NA
Prerequisite(s): Computer Science I	Tier II
Offered as an elective course at select high schools.	
AP COMPUTER SCIENCE PRINCIPLES AB (APTACS PRIN)	2157AB
	WL2157AB
This course introduces students to the foundational ideas of computer science, while providing exposure to	A3580300
computational content, computational thinking skills, creative aspects of the field and their impact on the world.	Grade level: 9 - 10
students will be provided the opportunity to investigate the innovations in other fields of computing while	HS Credit(s): 1
examining the ethical implications of new computing technologies. The course follows the College Board AP®	
Computer Science Principles Curriculum Framework. Students may be awarded one *LOTE credit (WL2157 AB) or	
one elective credit (2157 AB) for successful completion of this course.	
nstructional Material: Contact Career and Technical Education Department for related materials as well as	College Hour(s): NA
approved materials provided by the AP College Board.	Tier I
Prerequisite(s) (for those pursuing the course as an elective or the Computer Science sequence): None	
Prerequisite(s) (for those pursuing the Cybersecurity sequence): Honors PLTW Computer Science Essentials or	
oundations of Cybersecurity	
Offered at: Arlington Heights, Carter-Riverside, Dunbar, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic,	
South Hills, Trimble Tech, and World Lanauaaes Institute. Also offered as an elective course at select hiah schools.	

South Hills, Trimble Tech, and World Languages Institute. Also offered as an elective course at select high schools.

CYBERSECURITY CAPSTONE AB (CYBERCAP AB)	IT27900AB
In the Cybersecurity Capstone course, students will develop the knowledge and skills needed to explore advanced	03580855
concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations	Grade level: 12
of cyberattacks, threats, and vulnerabilities. Students will develop security policies to mitigate risks. The skills obtained in this course prepare students for additional study toward industry certification. A variety of courses are	HS Credit(s): 1
available to students interested in the cybersecurity field. Cybersecurity Capstone may serve as a culminating	
course in this field of study.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Engineering Applications for Computer Science Principles	Tier III
Offered at: Trimble Tech	
HONORS CYBERSECURITY CAPSTONE AB (CYBERCAP AB/H)	ITH27900AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	03580855
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 1
Prerequisite(s): Engineering Applications for Computer Science Principles	College Hour(s): NA
Offered at: Trimble Tech	Tier II
HONORS UNPAID PRACTICUM IN INFORMATION TECHNOLOGY/D (PRACIT1 AB/H)	ITH27202AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13028000
activities related to the program of study. See the course description for Unpaid Practicum in Information	Grade level: 12
Technology located in the Career and Technical Education; Information Technology section.	HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Engineering Applications for Computer Science Principles	Tier II
Offered at: Trimble Tech	
HONORS PAID PRACTICUM IN INFORMATION TECHNOLOGY/EXTENDED AB (EXPRIT1 AB/H)	ITH27210AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. See the course description for Paid Practicum in Information	13028005 Grade level: 12
Technology located in the Career and Technical Education; Information Technology section.	HS Credit(s): 3
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
<u>Prerequisite(s)</u> : Engineering Applications for Computer Science Principles OR AP Computer Science A	Tier II
Offered at: Trimble Tech and World Languages Institute	
HONORS PLTW COMPUTER SCIENCE ESSENTIALS AB (PRINIT PLTW AB/H)	ITH27203AB
Students will experience the major topics, big ideas, and computational thinking practices used by computing	13027200
professionals to solve problems and create value for others. This course will empower students to develop	Grade level: 9
computational thinking skills while building confidence that prepares them to advance to Computer Science	HS Credit(s): 1
Principles and Computer Science A. In addition to the regular course curriculum, students in the honors course	
will complete additional projects and activities related to the program of study.	
Instructional Material: Project Lead the Way materials furnished by CTE department	College Hour(s): NA
Prerequisite(s): None	Tier II
Offered at: World Languages Institute	ITH27901AB
	11H2/901AK
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security,	03580855
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking,	03580855 Grade level: 12
HONORS PLTW CYBERSECURITY CAPSTONE AB (TACYBCAP AB/H) PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts as well as other careers that comprise the field of information	03580855
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information	03580855 Grade level: 12
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security,	03580855 Grade level: 12
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security, The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in	03580855 Grade level: 12
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking,	03580855 Grade level: 12
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld.	03580855 Grade level: 12
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study	03580855 Grade level: 12 HS Credit(s): 1
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study materials furnished by CTE department	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study <u>Instructional Material</u> : <i>Project Lead the Way materials furnished by CTE department</i> <u>Prerequisite(s)</u> : AP Computer Science A (PLTW)	03580855 Grade level: 12 HS Credit(s): 1
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study Instructional Material: Project Lead the Way materials furnished by CTE department Prerequisite(s): AP Computer Science A (PLTW) Offered only at: World Languages Institute	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study Instructional Material: Project Lead the Way materials furnished by CTE department Prerequisite(s): AP Computer Science A (PLTW) Offered only at: World Languages Institute	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA Tier II 2142AB
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study Instructional Material: <i>Project Lead the Way materials furnished by CTE department</i> <u>Prerequisite(s)</u> : AP Computer Science A (PLTW) <i>Offered only at: World Languages Institute</i>	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA Tier II 2142AB *WL2142AB
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study Instructional Material: Project Lead the Way materials furnished by CTE department Prerequisite(s): AP Computer Science A (PLTW) Offered only at: World Languages Institute AP COMPUTER SCIENCE A AB (APTACSA 1AB, APTACSAL AB, APTACSAM AB)	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA Tier II 2142AB *WL2142AB **M2142AB
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study Instructional Material: Project Lead the Way materials furnished by CTE department Prerequisite(s): AP Computer Science A (PLTW) Offered only at: World Languages Institute AP COMPUTER SCIENCE A AB (APTACSA 1AB, APTACSAL AB, APTACSAM AB) AP Computer Science A is designed for qualified students in grades 10 - 12 who wish to complete the equivalent	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA Tier II 2142AB *WL2142AB **M2142AB A3580120,
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study materials furnished by CTE department <u>Prerequisite(s)</u> : AP Computer Science A (PLTW) Offered only at: World Languages Institute AP COMPUTER SCIENCE A AB (APTACSA 1AB, APTACSAL AB, APTACSAM AB)  AP Computer Science A is designed for qualified students in grades 10 - 12 who wish to complete the equivalent of a college introductory course in computer science. The course will focus on programming methodology, and	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA Tier II 2142AB *WL2142AB **M2142AB A3580120, A3580120,
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study Instructional Material: Project Lead the Way materials furnished by CTE department Prerequisite(s): AP Computer Science A (PLTW) Offered only at: World Languages Institute AP COMPUTER SCIENCE A AB (APTACSA 1AB, APTACSAL AB, APTACSAM AB) AP Computer Science A is designed for qualified students in grades 10 - 12 who wish to complete the equivalent of a college introductory course in computer science. The course will focus on programming methodology, and procedural abstraction. It also includes the study of algorithms, data structures, and data abstraction, but covered	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA Tier II 2142AB *WL2142AB **M2142AB A3580120, A3580120, A3580110
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study Instructional Material: Project Lead the Way materials furnished by CTE department Prerequisite(s): AP Computer Science A (PLTW) Offered only at: World Languages Institute AP COMPUTER SCIENCE A AB (APTACSA 1AB, APTACSAL AB, APTACSAM AB) AP Computer Science A is designed for qualified students in grades 10 - 12 who wish to complete the equivalent of a college introductory course in computer science. The course will focus on programming methodology, and procedural abstraction. It also includes the study of algorithms, data structures, and data abstraction, but covered in less depth than in the Computer Science III AB course. Students <b>must</b> be scheduled into two of the following	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA Tier II 2142AB *WL2142AB **M2142AB A3580120, A3580120, A3580110 Grade level: 10 - 12
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study Instructional Material: <i>Project Lead the Way materials furnished by CTE department</i> Prerequisite(s): AP Computer Science A (PLTW) Offered only at: World Languages Institute AP COMPUTER SCIENCE A AB (APTACSA 1AB, APTACSAL AB, APTACSAM AB) AP Computer Science A is designed for qualified students in grades 10 - 12 who wish to complete the equivalent of a college introductory course in computer science. The course will focus on programming methodology, and procedural abstraction. It also includes the study of algorithms, data structures, and data abstraction, but covered in less depth than in the Computer Science III AB course. Students <b>must</b> be scheduled into two of the following three course numbers for this course: 2142 AB for an elective credit, M2142 AB for a math credit, and WL2142 AB	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA Tier II 2142AB *WL2142AB **M2142AB A3580120, A3580120, A3580110
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study Instructional Material: <i>Project Lead the Way materials furnished by CTE department</i> Prerequisite(s): AP Computer Science A (PLTW) Offered only at: World Languages Institute AP COMPUTER SCIENCE A AB (APTACSA 1AB, APTACSAL AB, APTACSAM AB) AP Computer Science A is designed for qualified students in grades 10 - 12 who wish to complete the equivalent of a college introductory course in computer science. The course will focus on programming methodology, and procedural abstraction. It also includes the study of algorithms, data structures, and data abstraction, but covered in less depth than in the Computer Science III AB course. Students <b>must</b> be scheduled into two of the following three course numbers for this course: 2142 AB for an elective credit, M2142 AB for a math credit, and WL2142 AB for a LOTE credit. Students will be awarded two credits for successful completion of this course.	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA Tier II 2142AB *WL2142AB *WL2142AB A3580120, A3580120, A3580110 Grade level: 10 - 12 HS Credit(s): 2
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity . PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study Instructional Material: Project Lead the Way materials furnished by CTE department Prerequisite(s): AP Computer Science A (PLTW) Offered only at: World Languages Institute AP COMPUTER SCIENCE A AB (APTACSA 1AB, APTACSAL AB, APTACSAM AB) AP Computer Science A is designed for qualified students in grades 10 - 12 who wish to complete the equivalent of a college introductory course in computer science. The course will focus on programming methodology, and procedural abstraction. It also includes the study of algorithms, data structures, and data abstraction, but covered in less depth than in the Computer Science III AB course. Students <b>must</b> be scheduled into two of the following three course numbers for this course: 2142 AB for an elective credit, M2142 AB for a math credit, and WL2142 AB for a LOTE credit. Students will be awarded two credits for successful completion of this course.	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA Tier II 2142AB *WL2142AB *WL2142AB **M2142AB A3580120, A3580120, A3580110 Grade level: 10 - 12 HS Credit(s): 2 College Hour(s): NA
PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, outside-the-box thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity. PLTW Cybersecurity is only offered as an honors course. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study Instructional Material: <i>Project Lead the Way materials furnished by CTE department</i> Prerequisite(s): AP Computer Science A (PLTW) Offered only at: World Languages Institute AP COMPUTER SCIENCE A AB (APTACSA 1AB, APTACSAL AB, APTACSAM AB) AP Computer Science A is designed for qualified students in grades 10 - 12 who wish to complete the equivalent of a college introductory course in computer science. The course will focus on programming methodology, and procedural abstraction. It also includes the study of algorithms, data structures, and data abstraction, but covered in less depth than in the Computer Science III AB course. Students <b>must</b> be scheduled into two of the following three course numbers for this course: 2142 AB for an elective credit, M2142 AB for a math credit, and WL2142 AB for a LOTE credit. Students will be awarded two credits for successful completion of this course.	03580855 Grade level: 12 HS Credit(s): 1 College Hour(s): NA Tier II 2142AB *WL2142AB *WL2142AB A3580120, A3580120, A3580110 Grade level: 10 - 12 HS Credit(s): 2

Offered at: Arlington Heights, Carter-Riverside, Dunbar, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Trimble Tech, and World Languages Institute

COMPUTER SCIENCE III AB (TACS3AB)	2155 AB WL2155AB
Computer Science III will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer	03580350 Grade level: 11 - 12 HS Credit(s): 1
science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results.	
Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of advanced computer science data structures through the study of technology operations, systems, and concepts. Students may be awarded one *LOTE credit (WL2155 AB) or one elective credit (2155 AB) for successful completion of this course.	
nstructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): AP Computer Science A Offered at: Arlington Heights, Carter-Riverside, Dunbar, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic,	College Hour(s): NA <b>Tier III</b>
South Hills, Trimble Tech, and World Languages Institute HONORS COMPUTER SCIENCE III AB/H (TACS3AB/H)	2145 AB
HONORS COMPUTER SCIENCE III AD/H (TACSSAD/H)	WL2145AB
In addition to the regular course curriculum, students learn advanced skills in programming languages and	03580350
structured programming techniques through the use of advanced data structures and the discussion of memory allocation and de-allocation. In addition to the regular course curriculum, students in the honors course will	Grade level: 11 - 12
complete additional projects and activities related to the program of study. Students may be awarded one *LOTE credit (WL2145 AB) or one elective credit (2145 AB) for successful completion of this course.	HS Credit(s): 1
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
<u>Prerequisite(s)</u> : AP Computer Science A Offered at: Arlington Heights, Carter-Riverside, Dunbar, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Trimble Tech, and World Languages Institute	Tier II
HONORS DISCRETE MATHEMATICS FOR COMPUTER SCIENCE AB (TADISMA AB/H)	STH80370AB
Discrete Mathematics for Computer Science provides the tools used in most areas of computer science. Exposure	03580370
to the mathematical concepts and discrete structures presented in this course is essential in order to provide an adequate foundation for further study. Course topics are divided into six areas: sets, functions, and relations;	Grade level: 12 HS Credit(s): 1
basic logic; proof techniques; counting basics; graphs and trees; and discrete probability. Mathematical topics are interwoven with computer science applications to enhance the students' understanding of the introduced mathematics. Students will develop the ability to see computational problems from a mathematical perspective.	
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): AP Computer Science A	College Hour(s): NA <b>Tier II</b>
Offered at: Arlington Heights, Carter-Riverside, Dunbar, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Trimble Tech, and World Languages Institute	
HONORS INDEPENDENT STUDY IN TECHNOLOGY (FIRST TIME TAKEN) APPLICATIONS AB/H	2144AB
This course is designed for qualified students in grades 10 - 12 who wish to complete the equivalent of a college ntroductory course in computer science. The course will focus on programming methodology and procedural	03580900 Grade level: 11-12
abstraction. It also includes the study of algorithms, data structures, and data abstraction covered in substantial	HS Credit(s): 1
depth. In addition to the regular course curriculum, students in the honors course will complete additional	
projects and activities related to the program of study. Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Successful completion of AP Computer Science A Offered at: Arlington Heights, Carter-Riverside, Dunbar, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic,	Tier I
South Hills, Trimble Tech, and World Languages Institute HONORS INDEPENDENT STUDY IN TECHNOLOGY (SECOND TIME TAKEN) APPLICATIONS	2146AB
AB/H	
This course is designed for qualified students in grades 10 - 12 who wish to complete the equivalent of a college	03581000
introductory course in computer science. The course will focus on programming methodology and procedural abstraction. It also includes the study of algorithms, data structures, and data abstraction covered in substantial	Grade level: 11-12 HS Credit(s): 1
depth. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
<u>Prerequisite(s)</u> : Successful completion of AP Computer Science A Offered at: Arlington Heights, Carter-Riverside, Dunbar, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Trimble Tech, and World Languages Institute	Tier I
HONORS INDEPENDENT STUDY IN TECHNOLOGY (THIRD TIME TAKEN) APPLICATIONS AB/H	2148AB
This course is designed for qualified students in grades 10 - 12 who wish to complete the equivalent of a college	03581100
introductory course in computer science. The course will focus on programming methodology and procedural	Grade level: 11-12

AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)  AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)  AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)  Are employed for fifteen and their employment is a social Security card, to enroll in any paid learning  are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within are across. If work hours are during the school day, students can be scheduled for work release (noncredit) are requisite(s): None  AREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)  Are employed for the course and Their employment, are scheduled for 1 (one) class period of instruction and are employed for the course. Work hours can be included during the school day or outside of thool hours. If work hours are during the school day, students can be scheduled for work release (noncredit) eriods to work as long as work release does not jeopardize students' projected graduation plan. This is a full ear course.  AREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)  Are employed for the school year ithin their CTE Program of Study. This course is for CTE students who have found employment for the school year ithin their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 6 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning xperience course. In order to receive course credit, this course requires that students make a full year ommitteen to this course and their employment, are scheduled for 1 (one) class period of instruction and re employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within an days of the beginning of the course. Work hours can be included during the school day or outside of chool hours. If work hours are during the school day, students can be scheduled for vork release (noncredit) eriods to work as long as work release does not jeopardize st	CP001132AB 12701141 Grade level: 11-12 HS Credit(s): 3 College Hour(s): NA Tier III CP001142AB 12701122 Grade level: 11-12 HS Credit(s): 2 College Hour(s): NA Tier III CP01402AB
AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB) AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB) tithin their CTE Program of Study. This course is for CTE students who have found employment for the school year ithin their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 6 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning wereince course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and re employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within endays of the beginning of the course. Work hours can be included during the school day or outside of chool hours. If work hours are during the school day, students can be scheduled for work release (noncredit) errequisite(s): None <b>CAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)</b> this course is a paid capstone experience for CTE students who have found employment for the school year ithin their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 6 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning wereince course. In order to receive course credit, this course requires that students make a full year ormitment to this course and their employment, are scheduled for 1 (one) class period of instruction and re employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within endays of the beginning of the course. Work hours are beincluded during the school day or outside of chool hours. If work hours are during the school as a social Security card, to enroll in any paid learning wereince	12701141 Grade level: 11-12 HS Credit(s): 3 College Hour(s): NA Tier III CP001142AB 12701122 Grade level: 11-12 HS Credit(s): 2
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AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)       Image: the state of	12701141 Grade level: 11-12 HS Credit(s): 3 College Hour(s): NA <b>Tier III</b> <b>CP001142AB</b> 12701122 Grade level: 11-12
AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)       Image: the state of	12701141 Grade level: 11-12 HS Credit(s): 3 College Hour(s): NA <b>Tier III</b> <b>CP001142AB</b> 12701122 Grade level: 11-12
AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)       Image: the state of	12701141 Grade level: 11-12 HS Credit(s): 3 College Hour(s): NA <b>Tier III</b> <b>CP001142AB</b> 12701122 Grade level: 11-12
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AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB) his course is a paid capstone experience for CTE students who have found employment for the school year ithin their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 6 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning xperience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and re employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within	12701141 Grade level: 11-12
AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB) ( his course is a paid capstone experience for CTE students who have found employment for the school year ithin their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 6 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year	12701141 Grade level: 11-12
AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)       (         his course is a paid capstone experience for CTE students who have found employment for the school year       (         rithin their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of       (         6 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning       (	12701141 Grade level: 11-12
AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB) (A students is a paid capstone experience for CTE students who have found employment for the school year ithin their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of the school year iteration of the school year iteration. A student must be a minimum age of the school year iteration of the school year iteration. A student must be a minimum age of the school year iteration.	12701141 Grade level: 11-12
AREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)	
	CP001132AB
	-
	College Hour(s): NA
elease does not jeopardize students' projected graduation plan. This is a full year course. Istructional Material: Contact Career and Technical Education Department for related materials (	College Hour(s): NA
uring the school day, students can be scheduled for work release (noncredit) periods to work as long as work	
f the course. Work hours can be included during the school day or outside of school hours. If work hours are	
ours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning	
burse and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten	
b and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience ourse. In order to receive course credit, this course requires that students make a full year commitment to this	HS Credit(s): 2
5 , 5	Grade level: 11-12
	12701121
	CP01121AB
	Tier II
·	HS Credit(s): 1 College Hour(s): NA
	HS Credit(s): 1
	03580140 Grade level: 9
	2150AB
	Tier III
nstructional Material: Texas - Fundamentals of Computer Science, CodeHS.	College Hour(s): NA
nderstanding of the principles of computer science through the study of technology operations and concepts.	
esearching current laws and regulations and by practicing integrity and respect. Students will gain an	
ndividuals and groups in solving problems, students will select the technology appropriate for the task, ynthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by	
bundation of computer science. By using computer science knowledge and skills that support the work of	
formation needed to solve problems. Students will learn the problem-solving and reasoning skills that are the	
roblems. Students will collaborate and use computer science concepts to access, analyze, and evaluate	
	HS Credit(s): 1
	Grade level: 9
	<b>2140AB</b> 03580140
outh Hills, Trimble Tech, and World Languages Institute	214040
ffered at: Arlington Heights, Carter-Riverside, Dunbar, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic,	
	Tier I
	College Hour(s): NA
rojects and activities related to the program of study.	
bstraction. It also includes the study of algorithms, data structures, and data abstraction covered in substantial epth. In addition to the regular course curriculum, students in the honors course will complete additional	HS Credit(s): 1

16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.

Instructional Material: Contact Career and Technical Education Department for related materials Co <u>Prerequisite(s):</u> None **Tie** 

College Hour(s): NA Tier III

HS Credit(s): 3

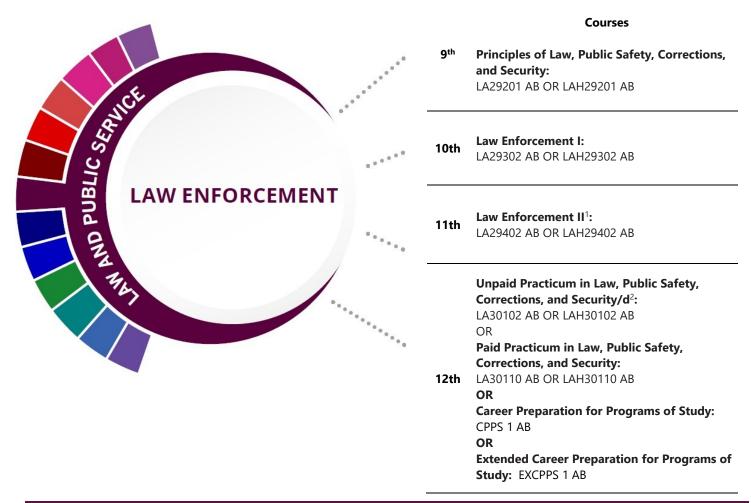


# Law and Public Service

Law Enforcement

**Legal Studies** 

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.



# Enrichment Courses:

• Forensic Science: LA29502 AB OR LAH29502 AB

Criminal Investigations: LA29300 AB OR LAH29300 AB

Certification Options:

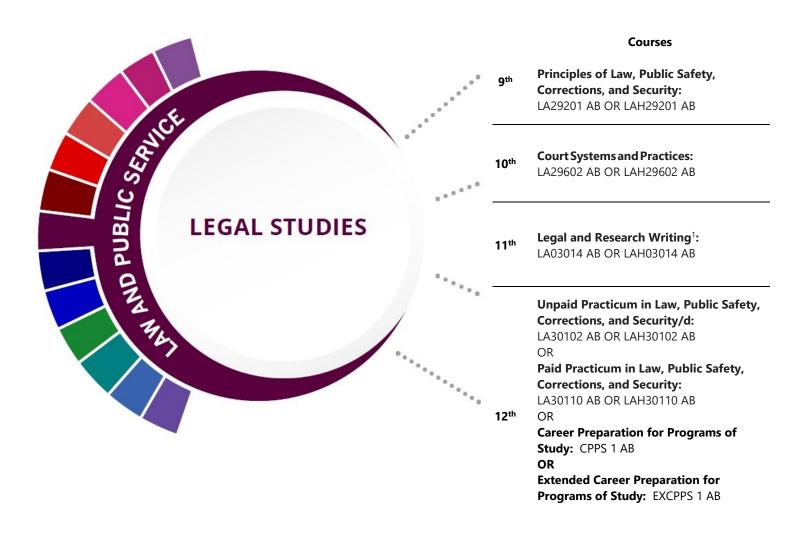
- Industry Certification Opportunities for Performance Acknowledgment: International Academy of Emergency Dispatch (IAED) Emergency Telecommunicator Certification<sup>1</sup>
- Not counted towards Performance Acknowledgment: OSHA 10-hour General Industry Certification<sup>2</sup> Available At:
- Eastern Hills HS
- South Hills HS

The Law Enforcement program of study teaches students about the development of, adherence to, and protection of various branches of law. Students may learn how to appropriately and legally respond to breaches in the law according to statutory rules and regulations as well as investigate how and why the breaches occurred.



The Law and Public Service Career Cluster® focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services.

Successful completion of the Law Enforcement program of study will fulfill requirements of the Public Service Endorsement. Revised - July 2020



# Enrichment Courses:

# • N/A

Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Administrative Assisting or General Management (NOCTI)<sup>1</sup>
- Not counted towards Performance Acknowledgment: N/A

# Available At:

# • Eastern Hills HS

The Legal Studies program of study introduces students to the occupations and educational opportunities related to representing clients in criminal and civil litigation and other legal proceedings, as well as assisting lawyers and preparing legal documents. This program of study explores possible specializations in a single area of law.



The Law and Public Service Career Cluster® focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services.

Successful completion of the Legal Studies program of study will fulfill requirements of the Public Service Endorsement. Revised - July 2020

# COURSE DESCRIPTIONS FOR LAW ENFORCEMENT & PUBLIC SAFETY CLASSES

PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY AB (PRINLPCS AB)	LA29201AB
The course, Principles of Law and Public Safety, introduces students to professions in the courts and criminal	13029200
justice system such as law enforcement, security, corrections, and emergency management services. Students will	Grade level: 9 - 10
examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of	HS Credit(s): 1
emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, security, and corrections.	
Instructional Material: Contact Career and Technical Education Department for related materials	Collogo Hour(s): NA
Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
Offered only at: Eastern Hills	
HONORS PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY AB	LAH29201AB
(PRINLPCS AB/H)	
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13029200
activities related to the program of study.	Grade level: 9 - 10
Instructional Material: Contact Career and Technical Education Department for related materials	HS Credit(s): 1
Prerequisite(s): None	College Hour(s): NA
Course taught by locally certified gifted teacher.	Tier II
Offered only at: Eastern Hills	
COURT SYSTEMS AND PRACTICES AB (COURTSP AB)	LA29602AB
Court Systems and Practices is an overview of the federal and state court systems. The course identifies the roles	13029600
of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of	Grade level: 10 - 12
evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and	HS Credit(s): 1
frisk, and interrogation.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Principles of Law and Public Safety	Tier III
Offered only at: Eastern Hills	
HONORS COURT SYSTEMS AND PRACTICES AB (COURTSP AB/H)	LAH29602AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13029600
activities related to the program of study.	Grade level: 10 - 12
Instructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Principles of Law and Public Safety	HS Credit(s): 1 College Hour(s): NA
Offered only at: Eastern Hills	Tier II
LAW ENFORCEMENT I AB (LAWENF1 AB)	LA29302AB
Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law	13029300
enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law	Grade level: 11 - 12
enforcement terminology, and the classification and elements of crime. Students study of the nature of criminal	HS Credit(s): 1
law and its philosophical and historical development, with major definitions and concepts. Instruction includes	
the classifications of crimes and the elements of crimes and penalties using Texas statutes as illustrations.	
Instructional Material: Criminal Justice, Prentice Hall Publishing/Pearson Learning, ISBN#: 0321194608	College Hour(s): NA
Prerequisite(s): Court Systems and Practices I	Tier III
Offered only at: Eastern Hills	
HONORS LAW ENFORCEMENT I AB (LAWENF1 AB/H)	LAH29302AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13029300
activities related to the program of study.	Grade level: 11 – 12
nstructional Material: Criminal Justice, Prentice Hall Publishing/Pearson Learning	HS Credit(s): 1
Prerequisite(s): Court Systems and Practices I	College Hour(s): NA
Offered only at: Eastern Hills	Tier II
LAW ENFORCEMENT II AB (LAWENF2 AB)	LA29402AB
Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. This	13029400
course includes the ethical and legal responsibilities, operation of police and emergency telecommunication	Grade level: 12
equipment, and courtroom testimony.	HS Credit(s): 1
Instructional Material: Criminal Justice, Prentice Hall Publishing/Pearson Learning	College Hour(s): NA
Prerequisite(s): Law Enforcement I	Tier III
Offered only at: Eastern Hills	
HONORS LAW ENFORCEMENT II AB (LAWENF2 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	LAH29402AB 13029400
	Grade level: 12
activities related to the program of study	GIAUE IEVEL 12
activities related to the program of study.	HS Cradit(c). 1
activities related to the program of study. <u>nstructional Material</u> : Criminal Justice, Prentice Hall Publishing/Pearson Learning Prerequisite(s): Law Enforcement I	HS Credit(s): 1 College Hour(s): NA

CRIMINAL INVESTIGATIONS AB (CRIM INV AB)	LA29300AB
Criminal Investigation is a course that introduces students to the profession of criminal investigations. Students will understand basic functions of criminal investigations and procedures and will learn how to investigate or follow up during investigations. Students will learn terminology and investigative procedures related to criminal investigation, crime scene processing, evidence collection, fingerprinting, and courtroom presentation. Through case studies and simulated crime scenes, students will collect and analyze evidence such as fingerprint analysis, bodily fluids, hairs, fibers, shoe and tire impressions, bite marks, drugs, tool marks, firearms and ammunition, blood spatter, digital evidence, and other types of evidence.	13029550 Grade level: 10 - 11 HS Credit(s): 1
<u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Principles of Law and Public Safety Offered only at: Eastern Hills	College Hour(s): NA <b>Tier III</b>
HONORS CRIMINAL INVESTIGATIONS AB (CRIM INV AB/H)	LAH29300AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13029550
activities related to the program of study.	Grade level: 10 - 11
<u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Principles of Law and Public Safety Offered only at: Eastern Hills	HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
FORENSIC SCIENCE AB (FORENSCI AB)	LA29502AB
Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.	13029500 Grade level: 11-12 HS Credit(s): 1
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Biology and Chemistry	College Hour(s): NA <b>Tier III</b>
HONORS FORENSIC SCIENCE AB (FORENSCI AB/H)	LAH29502AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13029500 Grade level: 11-12 HS Credit(s): 1
Instructional Material: Contact Career and Technical Education Department for related materials Prereguisite(s): Biology and Chemistry	College Hour(s): NA <b>Tier II</b>
UNPAID PRACTICUM IN LAW AND PUBLIC SAFETY/D AB (PRACLPCS AB)	LA30102AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. The double-period practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Law and Public Safety cluster. The unpaid practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. The student documents technical knowledge and skills in an updated professional portfolio that includes licensures or certifications; awards and scholarships; examples of extended learning experiences such as community service and active participation in career and technical student organizations and professional organizations; an updated resume; samples of work; and evaluations from the practicum supervisor. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences such as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences include students working in a simulated environment, running an enterprise, or be involved in program-specific local projects the school has approved for this class. Additional capstone experiences also include students being selected to be a part of a work-based experience or industry training off-site, outside of school.	13030100 Grade level: 12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Completion of two courses in this career focus Offered only at: Eastern Hills	College Hour(s): NA <b>Tier III</b>
HONORS UNPAID PRACTICUM IN LAW AND PUBLIC SAFETY/D AB (PRACLPCS AB/H)	LAH30102AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13030100
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Completion of two courses in this career focus Offered only at: Eastern Hills	HS Credit(s): 2 College Hour(s): NA <b>Tier II</b>
PAID PRACTICUM IN LAW AND PUBLIC SAFETY AND SECURITY/EXTENDED AB (EXPRLPS1 AB)	LA30110AB
The practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses in the Law and Public Safety cluster. This course is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the paid practicum learning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one	13030105 Grade level: 12 HS Credit(s): 3

class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30 nours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be ncluded during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students'	
projected graduation plan.	
	College Hour(s): NA <b>Tier III</b>
Offered only at: Eastern Hills	
HONORS PAID PRACTICUM IN LAW AND PUBLIC SAFETY AND SECURITY/EXTENDED AB EXPRLPS1 AB/H)	LAH30110AB
5	13030105 Grade level: 12
Prerequisite(s): Completion of two courses in this career focus	HS Credit(s): 3 College Hour(s): NA
Offered only at: Eastern Hills	Tier II
	LA03014AB
Legal Research and Writing provides an introduction into the study and practice of legal writing and research. This course is designed to introduce students to the methods and tools used to conduct legal research, develop and frame legal arguments, produce legal writings such as briefs, memorandums, and other legal documents, study U.S. Constitutional law, and prepare for appellate argument(s).	N1303014 Grade level: 11 HS Credit(s): 1
nstructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
Offered only at: Eastern Hills	
	LAH03014AB
activities related to the program of study.	N1303014 Grade level: 11
	HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
	CP01121AB
CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1 AB) This course is a paid capstone experience for CTE students who have found employment for the school year within	12701121AB
their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work nours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not eopardize students' projected graduation plan. This is a full year course.	Grade level: 11-12 HS Credit(s): 2
nstructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s): N</u> one	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)	CP001132AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In	12701141 Grade level: 11-12 HS Credit(s): 3
border to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	
order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release	College Hour(s): NA <b>Tier III</b>
order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course. <u>Instructional Material:</u> Contact Career and Technical Education Department for related materials	5

Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None

CAREER PREPARATION II FOR PROGRAMS OF STUDY/EXTENDED II AB (EXCPP 2 AB)	CP01402AB
This course is a paid capstone experience for CTE students who have found employment for the	12701132
school year within their CTE Program of Study. This course is for CTE students only. A student must be	Grade level: 11-12
a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in	HS Credit(s): 3
any paid learning experience course. In order to receive course credit, this course requires that	
students make a full year commitment to this course and their employment, are scheduled for 1 (one)	
class period of instruction and are employed for fifteen hours per week (or average of 30 hours across	
two weeks) at an approved site within ten days of the beginning of the course. Work hours can be	
included during the school day or outside of school hours. If work hours are during the school day,	
students can be scheduled for work release (noncredit) periods to work as long as work release does	
not jeopardize students' projected graduation plan. This is a full year course.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA

Prerequisite(s): None

Tier III

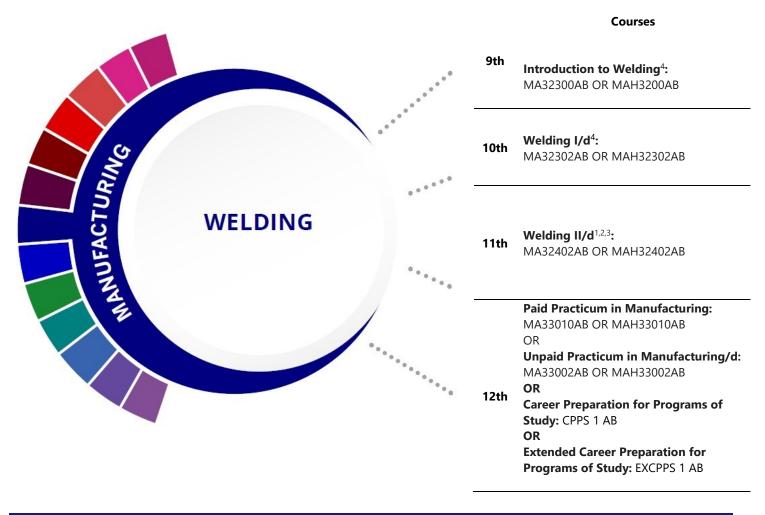


# Manufacturing

Welding

# Advanced Manufacturing and Machinery Mechanics

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.



# **Enrichment Courses:**

# • N/A

- **Certification Options:**
- Industry Certification Opportunities for Performance Acknowledgment: AWS D1.1 Structural Welding<sup>1</sup>; AWS D9.1 Sheet Metal<sup>2</sup>; and/or NCCER Welding Level I<sup>3</sup>; NCCER Core<sup>4</sup>
- Not Counted Towards Performance Acknowledgment: N/A

# Available At:

- Diamond Hill-Jarvis HS
- South Hills HS
- Southwest HS
- Trimble Technical HS

The Welding program of study focuses on the development and use of automatic and computer-controlled machines, tools, and robots that perform work on metal or plastic. Students will learn how to modify parts to make or repair machine tools or maintain individual machines, and how to use hand-welding or flame-cutting equipment.



The Manufacturing Career Cluster® focuses on planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.

Successful completion of the Manufacturing Technology program of study will fulfill requirements of the Business and Industry Endorsement. Revised – July 2020

# Courses 9th Principles of Manufacturing: MA32201AB OR MAH32201AB Advanced Manufacturing Manufacturing Robotics I<sup>1</sup>: and Machinery 10th ST37002AB OR STH37002AB **Mechanics:** ROBOTICS & Manufacturing Robotics II<sup>2</sup>: ST37003AB OR STH37003AB **AUTOMATION** 11th **Programmable Logic Controller I**<sup>3</sup>: MA03689AB OR MAH03689AB Paid Practicum in Manufacturing: MA33010AB OR MAH33010AB OR **Unpaid Practicum in** Manufacturing/d: MA33002AB OR MAH33002AB 12th OR **Career Preparation for Programs** of Study: CPPS 1 AB OR **Extended Career Preparation for** Programs of Study: EXCPPS 1 AB

# **Enrichment Courses:**

• N/A Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: FANUC Robot Operator I<sup>2</sup>; SACA C-101 Industry 4.0 Associate - Basic Operations<sup>3</sup>
- Not Counted Towards Performance Acknowledgment: OSHA 10-Hour General Industry<sup>1</sup>

# Available At:

• Trimble Technical HS

The Advanced Manufacturing and Machinery Mechanics program of study focuses on the assembly, operation, maintenance, and repair of electromechanical equipment or devices. CTE learners may work in a variety of mechanical fields, gaining knowledge and experience in robotics, refinery and pipeline systems, deep ocean exploration, or hazardous waste removal. CTE concentrators may work in a variety of fields of engineering.



The Manufacturing Career Cluster focuses on planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.

Successful completion of the Advanced Manufacturing and Machinery program of study will fulfill the requirements of the Business and Industry or STEM endorsement if the math and science requirements are met. Revised - July 2020

# COURSE DESCRIPTIONS FOR MANUFACTURING CLASSES

INTRODUCTION TO WELDING AB (INTRWELD AB)	MA32300AB
ntroduction to Welding will introduce welding technology with an emphasis on basic welding laboratory	13032250
principles and operating procedures. Students will be introduced to the three basic welding processes. Topics	Grade level: 9-10
nclude: industrial safety and health practices, hand tool and power machine use, measurement, laboratory	HS Credit(s): 1
operating procedures, welding power sources, welding career potentials, and introduction to welding codes and	
standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required	
for employment in welding industries. Students will develop knowledge and skills related to welding and apply	
them to personal career development.	<u> </u>
Instructional Material: NCCER- Welding, Texas Edition 2017 Student Edition, Pearson Education	College Hour(s): NA
Prerequisite(s): None	Tier III
Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech	
HONORS INTRODUCTION TO WELDING AB (INTRWELD AB/H)	MAH32300AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13032250
activities related to the program of study.	Grade level: 9 - 10
nstructional Material: NCCER- Welding, Texas Edition 2017 Student Edition, Pearson Education Inc.	HS Credit(s): 1
Prerequisite(s): None	College Hour(s): NA
Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech	Tier II
WELDING I/D AB (WELD 1AB)	MA32302AB
Rapid advances in technology have created new career opportunities and demands in many industries. Welding	13032300
provides the knowledge, skills, and technologies required for employment in metal technology systems.	Grade level: 10 - 11
Students develop knowledge and skills related to this system and apply them to personal career development.	HS Credit(s): 2
This course supports integration of academic and technical knowledge and skills as students apply and transfer	
their understanding and skills to a variety of settings and problems. Knowledge about career opportunities,	
requirements, and expectations and the development of workplace skills prepare students for future success.	
nstructional Material: NCCER- Welding, Texas Edition 2017 Student Edition, Pearson Education Inc.	College Hour(s): NA
Prerequisite(s): Introduction to Welding	Tier III
Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech	
HONORS WELDING I/D AB (WELD 1AB/H)	MAH32302AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13032300
activities related to the program of study.	Grade level: 10 - 11
nstructional Material: NCCER- Welding, Texas Edition 2017 Student Edition, Pearson Education Inc.	HS Credit(s): 2
Prerequisite(s): Introduction to Welding	College Hour(s): NA
Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech	Tier II
WELDING II/D AB (WELD 2AB)	MA32402AB
Welding II builds on knowledge and skills developed in Welding I. Students will develop advanced welding	13032400
concepts and skills as they relate to personal and career development. This course integrates academic and	Grade level: 11 - 12
technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and	HS Credit(s): 2
skills to a variety of settings and problems.	<u> </u>
Instructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc.	College Hour(s): NA
Prerequisite(s): Welding I/d Offered at: Diamond Hill Januis, South Hills, Southwast, Trimble Tech	lier III
Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech HONORS WELDING II/D AB (WELD 2AB/H)	MAH32402AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13032400
maganition to the regular course curriculum, students in the honors course will complete additional projects and	Grade level: 11 - 12
activities related to the program of study	HS Credit(s): 2
activities related to the program of study.	
nstructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc.	
nstructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc. Prerequisite(s): Welding I/d	College Hour(s): NA
nstructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc. Prerequisite(s): Welding I/d Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech	College Hour(s): NA <b>Tier II</b>
nstructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc. Prerequisite(s): Welding I/d Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech PAID PRACTICUM IN MANUFACTURING/EXTENDED AB (EXPRMAN1 AB)	College Hour(s): NA Tier II MA33010AB
nstructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc. Prerequisite(s): Welding I/d Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech PAID PRACTICUM IN MANUFACTURING/EXTENDED AB (EXPRMAN1 AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career	College Hour(s): NA <b>Tier II</b> <b>MA33010AB</b> 13033005
Instructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc. Prerequisite(s): Welding I/d Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech PAID PRACTICUM IN MANUFACTURING/EXTENDED AB (EXPRMAN1 AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students	College Hour(s): NA Tier II MA33010AB 13033005 Grade level: 12
Instructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc. Prerequisite(s): Welding I/d Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech PAID PRACTICUM IN MANUFACTURING/EXTENDED AB (EXPRMAN1 AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of	College Hour(s): NA <b>Tier II</b> <b>MA33010AB</b> 13033005
Instructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc. Prerequisite(s): Welding I/d Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech PAID PRACTICUM IN MANUFACTURING/EXTENDED AB (EXPRMAN1 AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the paid practicum	College Hour(s): NA Tier II MA33010AB 13033005 Grade level: 12
Instructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc. Prerequisite(s): Welding I/d Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech PAID PRACTICUM IN MANUFACTURING/EXTENDED AB (EXPRMAN1 AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the paid practicum earning experiences. In order to receive course credit, this course requires that students make a full year	College Hour(s): NA Tier II MA33010AB 13033005 Grade level: 12
Instructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc. Prerequisite(s): Welding I/d Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech PAID PRACTICUM IN MANUFACTURING/EXTENDED AB (EXPRMAN1 AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the paid practicum earning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one	College Hour(s): NA Tier II MA33010AB 13033005 Grade level: 12
Instructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc. Prerequisite(s): Welding I/d Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech PAID PRACTICUM IN MANUFACTURING/EXTENDED AB (EXPRMAN1 AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the paid practicum earning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30	College Hour(s): NA Tier II MA33010AB 13033005 Grade level: 12
Instructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc. Prerequisite(s): Welding I/d Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech PAID PRACTICUM IN MANUFACTURING/EXTENDED AB (EXPRMAN1 AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the paid practicum earning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be	College Hour(s): NA Tier II MA33010AB 13033005 Grade level: 12
Instructional Material: NCCER- Welding, Texas Edition 2017, Pearson Education Inc. Prerequisite(s): Welding I/d Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech PAID PRACTICUM IN MANUFACTURING/EXTENDED AB (EXPRMAN1 AB) This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the paid practicum earning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30	College Hour(s): NA Tier II MA33010AB 13033005 Grade level: 12

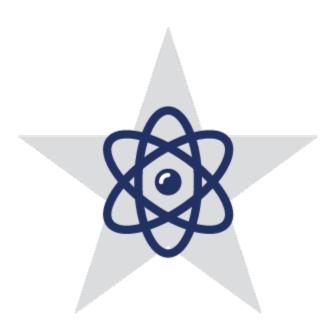
Instructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
Prerequisite(s): Welding II/d	Tier III
Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech	
HONORS PAID PRACTICUM IN MANUFACTURING/EXTENDED AB (EXPRMAN1 AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	MAH33010AB 13033005
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education for related materials	HS Credit(s): 3
Prerequisite(s) (For Welding): Welding II/d AB	College Hour(s): NA
Prerequisite(s) (For Manufacturing P-Tech): Previous P-TECH Manufacturing coursework notated on crosswalk	Tier II
Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Technical, and Dunbar (P-Tech)	
UNPAID PRACTICUM IN MANUFACTURING AB/D (PRACMANU AB)	MA33002AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. In the Practicum in	13033000 Grade level: 12
Manufacturing, students will apply the knowledge and manufacturing skills learned in their pre-requisite courses	HS Credit(s): 2
that are essential to prepare students for success. Practicum capstone experiences can occur in a variety of	
ocations appropriate to the nature and level of experiences such as independent study, assistantships,	
mentorships, or laboratories. The various in-class capstone experiences include students working in a simulated	
environment, running an enterprise, or be involved in program-specific local projects the school has approved for	
this class. Additional capstone experiences also include students being selected to be a part of a work-based experience or industry training off-site, outside of school.	
Instructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
Prerequisite(s): Welding II/d	Tier III
Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Tech	
HONORS UNPAID PRACTICUM IN MANUFACTURING AB/D (PRACMANU AB/H)	MAH33002AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13033000 Crada lavel: 12
activities related to the program of study. <u>nstructional Material</u> : Contact Career and Technical Education for related materials	Grade level: 12 HS Credit(s): 2
Prerequisite(s) (For Welding): Welding II/d AB	College Hour(s): NA
Prerequisite(s) (For Manufacturing P-Tech): Previous P-TECH Manufacturing coursework notated on crosswalk	Tier II
Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Technical, and Dunbar (P-Tech)	
PRINCIPLES OF MANUFACTURING AB (MA32201 AB)	MA32201AB
In Principles of Manufacturing, students gain knowledge and skills in the application, design, production, and	13032200
assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing.	Grade level: 9
Knowledge and skills in the proper application of principles of manufacturing, the design of technology, the efficient production of technology, and the assessment of the effects of manufacturing production technology	HS Credit(s): 1
prepare students for success in the modern world. The study of manufacturing technology allows students to	
reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities,	
problems, and settings in a manufacturing setting. In addition to general academic and technical knowledge and	
skills, students gain an understanding of career opportunities available in manufacturing and what employers	
require to gain and maintain employment in these careers. Instructional Material: Amatrol	
Prerequisite(s): None	College Hour(s): NA <b>Tier II</b>
Offered only at: Trimble Tech	
HONORS PRINCIPLES OF MANUFACTURING AB (MA32201 AB)	MAH32201AB
n addition to the regular course curriculum, students in this honors course will complete a project using the five	13032200
n addition to the regular course curriculum, students in this honors course will complete a project using the five phases of project management used in the business and industry environment.	13032200 Grade level: 9
n addition to the regular course curriculum, students in this honors course will complete a project using the five obases of project management used in the business and industry environment. Instructional Material: Amatrol	13032200 Grade level: 9 HS Credit(s): 1
n addition to the regular course curriculum, students in this honors course will complete a project using the five ohases of project management used in the business and industry environment. Instructional Material: Amatrol Prerequisite(s): None	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA
n addition to the regular course curriculum, students in this honors course will complete a project using the five ohases of project management used in the business and industry environment. <u>Instructional Material</u> : Amatrol <u>Prerequisite(s)</u> : None <u>Offered only at: Trimble Tech</u>	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
n addition to the regular course curriculum, students in this honors course will complete a project using the five ohases of project management used in the business and industry environment. Instructional Material: Amatrol Prerequisite(s): None Offered only at: Trimble Tech MANUFACTURING ROBOTICS I AB (MANROBOT 1AB)	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA Tier II MA37002AB
n addition to the regular course curriculum, students in this honors course will complete a project using the five ohases of project management used in the business and industry environment. Instructional Material: Amatrol Prerequisite(s): None Offered only at: Trimble Tech MANUFACTURING ROBOTICS I AB (MANROBOT 1AB) n Robotics I, students will transfer academic skills to component designs in a project-based environment	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
n addition to the regular course curriculum, students in this honors course will complete a project using the five ohases of project management used in the business and industry environment. Instructional Material: Amatrol Prerequisite(s): None Offered only at: Trimble Tech MANUFACTURING ROBOTICS I AB (MANROBOT 1AB) n Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> MA37002AB 13037000
In addition to the regular course curriculum, students in this honors course will complete a project using the five obases of project management used in the business and industry environment. Instructional Material: Amatrol Prerequisite(s): None Offered only at: Trimble Tech MANUFACTURING ROBOTICS I AB (MANROBOT 1AB) In Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> MA37002AB 13037000 Grade level: 10-12 HS Credit(s): 1
n addition to the regular course curriculum, students in this honors course will complete a project using the five phases of project management used in the business and industry environment. Instructional Material: Amatrol Prerequisite(s): None Offered only at: Trimble Tech MANUFACTURING ROBOTICS I AB (MANROBOT 1AB) n Robotics I, students will transfer academic skills to component designs in a project-based environment chrough implementation of the design process. Students will build prototypes or use simulation software to test cheir designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. Instructional Material: Amatrol	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>MA37002AB</b> 13037000 Grade level: 10-12 HS Credit(s): 1 College Hour(s): NA
n addition to the regular course curriculum, students in this honors course will complete a project using the five phases of project management used in the business and industry environment. Instructional Material: Amatrol Prerequisite(s): None Offered only at: Trimble Tech MANUFACTURING ROBOTICS I AB (MANROBOT 1AB) n Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. Instructional Material: Amatrol Prerequisite(s): None	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> MA37002AB 13037000 Grade level: 10-12 HS Credit(s): 1
n addition to the regular course curriculum, students in this honors course will complete a project using the five phases of project management used in the business and industry environment. Instructional Material: Amatrol Prerequisite(s): None Offered only at: Trimble Tech MANUFACTURING ROBOTICS I AB (MANROBOT 1AB) n Robotics I, students will transfer academic skills to component designs in a project-based environment chrough implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. Instructional Material: Amatrol Prerequisite(s): None Offered at: Trimble Tech	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>MA37002AB</b> 13037000 Grade level: 10-12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b>
n addition to the regular course curriculum, students in this honors course will complete a project using the five ohases of project management used in the business and industry environment. Instructional Material: Amatrol Prerequisite(s): None Offered only at: Trimble Tech MANUFACTURING ROBOTICS I AB (MANROBOT 1AB) n Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. Instructional Material: Amatrol Prerequisite(s): None Offered at: Trimble Tech HONORS MANUFACTURING ROBOTICS I AB (MANROBOT 1AB/H)	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>MA37002AB</b> 13037000 Grade level: 10-12 HS Credit(s): 1 College Hour(s): NA
In addition to the regular course curriculum, students in this honors course will complete a project using the five phases of project management used in the business and industry environment. Instructional Material: Amatrol Prerequisite(s): None Offered only at: Trimble Tech MANUFACTURING ROBOTICS I AB (MANROBOT 1AB) In Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. Instructional Material: Amatrol Prerequisite(s): None Offered at: Trimble Tech HONORS MANUFACTURING ROBOTICS I AB (MANROBOT 1AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> MA37002AB 13037000 Grade level: 10-12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> MAH37002AB
In addition to the regular course curriculum, students in this honors course will complete a project using the five phases of project management used in the business and industry environment. Instructional Material: Amatrol Prerequisite(s): None Offered only at: Trimble Tech MANUFACTURING ROBOTICS I AB (MANROBOT 1AB) In Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. Instructional Material: Amatrol Prerequisite(s): None Offered at: Trimble Tech HONORS MANUFACTURING ROBOTICS I AB (MANROBOT 1AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> MA37002AB 13037000 Grade level: 10-12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> MAH37002AB 13037000
HONORS PRINCIPLES OF MANUFACTURING AB (MA32201 AB) In addition to the regular course curriculum, students in this honors course will complete a project using the five phases of project management used in the business and industry environment. Instructional Material: Amatrol Prerequisite(s): None Offered only at: Trimble Tech MANUFACTURING ROBOTICS I AB (MANROBOT 1AB) In Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. Instructional Material: Amatrol Prerequisite(s): None Offered at: Trimble Tech HONORS MANUFACTURING ROBOTICS I AB (MANROBOT 1AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Amatrol Prerequisite(s): None Offered at: Trimble Tech	13032200 Grade level: 9 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> MA37002AB 13037000 Grade level: 10-12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b> MAH37002AB 13037000 Grade level: 10-12

PROGRAMMABLE LOGIC CONTROLLER I	MA03689AB
Programmable Logic Controller I is a course designed to introduce students to the function and operation of Programmable Logic Controllers (PLC) through academic and applied instruction. Students will be introduced to relevant terminology, the components that make up a PLC, how PLC communicates with external components and other concepts relating to the use of PLC's in the manufacturing industry. Students will participate in structured, applied learning exercises taken from existing PLC applications. Students will also learn how to read ladder logic diagrams and ultimately write their first program. This course is recommended for students in grade 10 through 12. The central focus of this course is for students to gain an understanding of how programmable logic controllers work and how they are used in automated industries.	N1303689 Grade level: 10-12 HS Credit(s): 1 College Hour(s): NA <b>Tier III</b>
Instructional Material: Contact Career and Technical Education for related materials <u>Prerequisite(s)</u> : Robotics I	
Offered only at: Trimble Tech	
HONORS PROGRAMMABLE LOGIC CONTROLLER I	MAH03689AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	N1303689
activities related to the program of study.	Grade level: 10-12
Instructional Material: Contact Career and Technical Education for related materials <u>Prerequisite(s)</u> : Robotics I	HS Credit(s): 1 College Hour(s): NA
Offered only at: Trimble Tech	Tier II
MANUFACTURING ROBOTICS II AB (MANROBOTIC 2AB)	MA37003AB
In Robotics II, students will explore artificial intelligence and programming in the robotic and automation	13037050
industry. Through implementation of the design process, students will transfer academic skills to component	Grade level: 11-12
designs in a project-based environment. Students will build prototypes and use software to test their designs.	HS Credit(s): 1
Instructional Material: Amatrol <u>Prerequisite(s)</u> : Robotics I	College Hour(s): NA <b>Tier III</b>
Offered at: Trimble Tech	
HONORS MANUFACTURING ROBOTICS II AB (MANROBOTIC 2AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	MAH37003AB 13037050
activities related to the program of study.	Grade level: 11-12
Instructional Material: Amatrol <u>Prerequisite(s)</u> : Robotics I	HS Credit(s): 1 College Hour(s): NA
Offered at: Trimble Tech	Tier II
CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1 AB)	CP01121AB
This course is a paid capstone experience for CTE students who have found employment for the school year within	12701121
their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	Grade level: 11-12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)	CP001132AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701141 Grade level: 11-12 HS Credit(s): 3
Instructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s):</u> None	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)	CP001142AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work	12701122 Grade level: 11-12 HS Credit(s): 2

hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.

Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): None	<b>Tier III</b>
CAREER PREPARATION II FOR PROGRAMS OF STUDY/EXTENDED II AB (EXCPP 2 AB)	CP01402AB
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	12701132 Grade level: 11-12 HS Credit(s): 3
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s):
Prerequisite(s): None	<b>Tier III</b>

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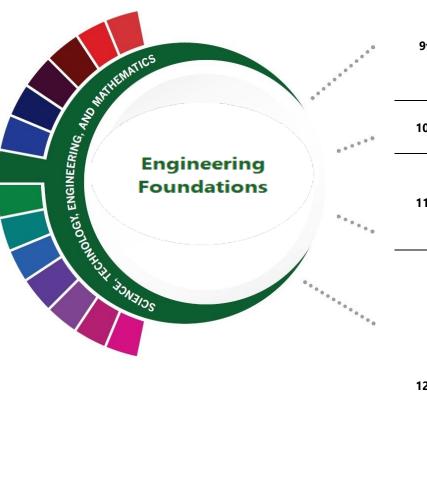


# Engineering

**Engineering Foundations** 

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.

#### Courses



Honors Engineering Essentials (PLTW) STH03760AB 9th **Principles of Applied Engineering\*:** ST36202AB OR STH36202AB **Engineering Design and Presentation I:** 10th ST36502AB OR STH36502AB **Engineering Design and** Presentation II/d<sup>1, 4\*</sup>: ST36602AB OR STH36602AB 11th OR **Honors Engineering Design and** Development (PLTW)<sup>1, 2, 3\*\*</sup>: STH37492AB **Engineering Design and Problem Solving:** ST37302AB OR STH37302AB OR Scientific Research and Design\*\*: ST37202AB OR STH37202AB OR **Unpaid Practicum in STEM/d:** STH37402AB 12th OR **Paid Practicum in STEM**<sup>4</sup>: ST37405AB OR STH37405AB **Career Preparation for Programs of Study:** CPPS 1 AB OR **Extended Career Preparation for Programs of** Study: EXCPPS 1 AB

## Enrichment Courses:

- Robotics I<sup>4</sup>: ST37002AB OR STH37002AB
- Robotics II: ST37003AB OR STH37003AB

 Industry Certification Opportunities for Performance Acknowledgment: Certified SolidWorks Associate - Academic<sup>1</sup>; Autodesk Certified User-Inventor<sup>2</sup>; Autodesk Certified User-Fusion 360<sup>3</sup>

Not Counted Towards Performance Acknowledgment: OSHA 10-Hour General Industry<sup>4</sup>

# Available At:

- I.M. Terrell Academy HS
- Trimble Technical HS

The Engineering program of study focuses on the design, development, and use of engines, machines, and structures. Students will learn how to apply science, mathematical methods, and empirical evidence to the innovation, design, construction, operation, and maintenance of different manufacturing systems.



The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing, scientific research and professional and technical services, including laboratory and testing services, and research and development services.

The \* denoted courses are specific to Trimble Technical High School.

The \*\* denoted courses are specific to I.M. Terrell Academy

Successful completion of the Engineering program of study will fulfill requirements of a Business and Industry or STEM endorsement if the math and science requirements are met. Revised - July 2020

Certification Options:

Courses

9th Honors Engineering Essentials (PLTW): STH03760AB

10th Introduction to Engineering Design (PLTW): STH07422AB

> Engineering Science (PLTW): STH03742AB OR Computer Integrated Manufacturing (PLTW)<sup>4</sup>:

STH37482AB

11th OR Aerospace Engineering (PLTW): STH37452AB OR

**Civil Engineering and Architecture (PLTW):** STH37472AB

PLTW Capstone<sup>1, 2, 3</sup>: STH37492AB OR Paid Practicum in STEM<sup>1,2,3,5</sup>: ST37405AB OR STH37405AB (15 hours) OR

ST37409AB OR STH37409AB (10 hours)

12th OR

**Career Preparation for Programs of Study:** CPPS 1 AB

OR

Extended Career Preparation for Programs of Study: EXCPPS 1 AB

#### Enrichment Courses:

• Robotics I<sup>5</sup>: ST37002AB OR STH37002AB

PARTIES ENGINEERING'S ENGINSEERINGS ENGINSEERINGS ENGINSEERINGS ENGINSEE

**PLTW** 

Engineering

**Foundations** 

• Robotics II: ST37003AB OR STH37003AB

Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Autodesk Certified User-Inventor<sup>1</sup>; Certified SolidWorks Associate – Academic<sup>2</sup>; Autodesk Certified User-Fusion 360<sup>3</sup>
- Not Counted Towards Performance Acknowledgment: OSHA 10-Hour General Industry<sup>5</sup>

# Available At:

- Arlington Heights HS
- Benbrook HS
- Carter-Riverside HS
- Diamond Hill-Jarvis HS
- Eastern Hills HSNorth Side HS
- INORTH SIDE H:

• Dunbar HS

- OD Wyatt HS
- Paschal HS
- Polytechnic HS
- South Hills HS
- Southwest HS
- Young Men's Leadership Academy HS\*
  - Young Women's Leadership Academy HS\*

The Engineering program of study focuses on the design, development, and use of engines, machines, and structures. Students will learn how to apply science, mathematical methods, and empirical evidence to the innovation, design, construction, operation, and maintenance of different manufacturing systems.



The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing, scientific research and professional and technical services, including laboratory and testing services, and research and development services.

\*Young Men's Leadership Academy and Young Women's Leadership Academy test at the 11th grade level

Successful completion of the Engineering program of study will fulfill requirements of a Business and Industry or STEM endorsement if the math and science requirements are met. Revised - July 2020

# COURSE DESCRIPTIONS FOR STEM CLASSES

HONORS ENGINEERING ESSENTIALS AB (PLTW) (ENGESSP AB/H)	STH03760AB
In this honors course, students explore the breadth of engineering career opportunities and experiences as they	N1303760
solve engaging and challenging real-world problems like creating a natural relief center system or creating a	Grade Level: 8-9
solution to improve the safety and well-being of local citizens. In addition to the regular course curriculum,	HS Credit(s): 1
tudents in the honors course will complete additional projects and activities related to the program of study.	
<u>nstructional Material</u> : Project Lead the Way materials furnished by CTE department Prerequisite(s): None	College Hour(s): NA <b>Tier II</b>
Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, D.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, YMLA, YWLA	
HONORS INTRODUCTION TO ENGINEERING DESIGN AB (PLTW) (IED AB/H)	STH07422AB
n this honors course, students use a problem-solving model to improve existing products and invent new ones.	N1303742
They learn how to apply this model to solve problems in and out of the classroom. Using sophisticated three-	Grade level: 9- 10
limensional modeling software, students communicate the details of the products. Emphasis is placed on	HS Credit(s): 1
nalyzing potential solutions and communicating ideas to others. In addition to the regular course curriculum,	
tudents in the honors course will complete additional projects and activities related to the program of study.	
nstructional Material: Project Lead the Way materials furnished by CTE department	College Hour(s): NA
rerequisite(s): Engineering Essentials (PLTW)	Tier II
Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	·=· ··
D.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Western Hills, YMLA, YMLA	
IONORS ENGINEERING SCIENCE (PLTW) AB (ENGSCIEN AB/H)	STH03742AB
his honors course helps students understand the field of engineering/engineering technology. Exploring various	13037500
nanufacturing processes help students learn how engineers and technicians use math, science and technology in	Grade level: 10 – 11
n engineering problem solving process to benefit people. The course also includes concerns about the social	HS Credit(s): 1
nd political consequences of technological change. In addition to the regular course curriculum, students in the	
onors course will complete additional projects and activities related to the program of study.	
nstructional Material: Project Lead the Way materials furnished by CTE department	College Hour(s): NA
rerequisite(s): Introduction to Engineering Design (PLTW)	Tier II
)ffered at: Arlington Heights, Benbrook, Dunbar, Eastern Hills, O.D. Wyatt, Paschal, Polytechnic, Southwest, YMLA,	
WLA	
HONORS COMPUTER INTEGRATED MANUFACTURING AB (PLTW) (CIM AB/H)	STH37482AB
his is a course of study in the PLTW program. Manufactured items are part of everyday life, yet most students	N1303748
ave not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates	Grade level: 11 - 12
he opportunities related to understanding manufacturing. At the same time, it teaches students about	HS Credit(s): 1
nanufacturing processes, product design, robotics, and automation. In addition to the regular course curriculum,	
tudents in the honors course will complete additional projects and activities related to the program of study.	
nstructional Material: Project Lead the Way materials furnished by CTE department	College Hour(s): NA
Prerequisite(s): Introduction to Engineering Design (PLTW)	Tier II
Offered at: YMLA and Diamond Hill-Jarvis	
ΙΩΝΙΩΡΩ ΛΕΡΩΩΡΛΛΕ ΕΝΙGINIEEDINIG ΛΒ (ΟΙ ΤΝΛ) (ΛΕΡΩ ΛΒ/Π)	STH37452AB
his course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the	N1303745
his course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the hysics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They	Grade level: 11-12
<b>HONORS AEROSPACE ENGINEERING AB (PLTW) (AERO AB/H)</b> This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They earn basic orbital mechanics using industry-standard software. They also explore robot systems through projects	
his course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the hysics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They earn basic orbital mechanics using industry-standard software. They also explore robot systems through projects uch as remotely operated vehicles. In addition to the regular course curriculum, students in the honors course	Grade level: 11-12
his course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the hysics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They earn basic orbital mechanics using industry-standard software. They also explore robot systems through projects uch as remotely operated vehicles. In addition to the regular course curriculum, students in the honors course <i>i</i> ll complete additional projects and activities related to the program of study.	Grade level: 11-12 HS Credit(s): 1
his course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the hysics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They earn basic orbital mechanics using industry-standard software. They also explore robot systems through projects uch as remotely operated vehicles. In addition to the regular course curriculum, students in the honors course <i>i</i> ll complete additional projects and activities related to the program of study. <u>nstructional Material</u> : <i>Project Lead the Way materials furnished by CTE department</i>	Grade level: 11-12 HS Credit(s): 1 College Hour(s): NA
his course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the hysics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They earn basic orbital mechanics using industry-standard software. They also explore robot systems through projects uch as remotely operated vehicles. In addition to the regular course curriculum, students in the honors course <i>vill complete additional projects and activities related to the program of study.</i> <u>Instructional Material</u> : <i>Project Lead the Way materials furnished by CTE department</i> <u>rerequisite(s)</u> : Introduction to Engineering Design (PLTW)	Grade level: 11-12 HS Credit(s): 1
his course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the hysics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They earn basic orbital mechanics using industry-standard software. They also explore robot systems through projects uch as remotely operated vehicles. In addition to the regular course curriculum, students in the honors course ill complete additional projects and activities related to the program of study. <u>nstructional Material</u> : <i>Project Lead the Way materials furnished by CTE department</i> <u>rerequisite(s)</u> : Introduction to Engineering Design (PLTW) <i>offered at: Carter-Riverside, South Hills, Western Hills</i>	Grade level: 11-12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
his course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the hysics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They earn basic orbital mechanics using industry-standard software. They also explore robot systems through projects uch as remotely operated vehicles. In addition to the regular course curriculum, students in the honors course ill complete additional projects and activities related to the program of study. <u>hstructional Material</u> : <i>Project Lead the Way materials furnished by CTE department</i> <u>rerequisite(s)</u> : Introduction to Engineering Design (PLTW) <i>offered at: Carter-Riverside, South Hills, Western Hills</i>	Grade level: 11-12 HS Credit(s): 1 College Hour(s): NA Tier II STH37472AB
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HONORS ENGINEERING DESIGN AND DEVELOPMENT AB (PLTW) (EDD AB/H)	STH37492AB
his honors course is an engineering research course in which the students work in teams to research, design,	N1303749
nd construct a solution to an open-ended engineering problem. The product development lifecycle and a	Grade level: 11 - 12
lesign process will be used to guide and help the team reach a solution to the problem. The team will present	HS Credit(s): 1
nd defend your solution to a panel of outside reviewers at the end of the school year. Engineering Design and	
Development <sup>™</sup> serves as the capstone course within the Project Lead the Way® course sequence and allows	
tudents to apply all the skills and knowledge learned in the previous Project Lead the Way, Inc. courses. Inventor,	
which is a state of the art 3-D design software package from AutoDesk, will be used for students to design	
olutions to the problem the teams have chosen. This course will also test their time management and team skills, vhich are a valuable asset for the future. In addition to the regular course curriculum, students in the honors	
ourse will complete additional projects and activities related to the program of study.	
nstructional Material: Project Lead the Way materials furnished by CTE department	College Hour(s): NA
Prerequisite(s): Engineering Design and Presentation I	Tier II
Differed at: I.M. Terrell	
HONORS UNPAID PRACTICUM IN STEM/d AB (PRACSTEM AB/H)	STH37402AB
his practicum course is an unpaid capstone experience for students participating in a coherent sequence of	13037400
areer and technical education courses within their designated program of study. This course is designed to give	Grade level: 12
tudents supervised practical application of previously studied knowledge and skills. Practicum experiences can	HS Credit(s): 2
occur in a variety of locations appropriate to the nature and level of experience. In addition, students in this	
onors course will complete a project using the five phases of project management used in the business and	
ndustry environment. Practicum capstone experiences can occur in a variety of locations appropriate to the	
nature and level of experiences such as independent study, assistantships, mentorships, or laboratories. The	
arious in-class capstone experiences include students working in a simulated environment, running an	
nterprise, or be involved in program-specific local projects the school has approved for this class. Additional	
apstone experiences also include students being selected to be a part of a work-based experience or industry	
raining off-site, outside of school. In addition to the regular course curriculum, students in the honors course	
vill complete additional projects and activities related to the program of study.	
nstructional Material: Contact Career and Technical Education Director for related materials	College Hour(s): NA
Prerequisite(s): Medical Interventions (PLTW), Medical Microbiology, Engineering Design and Development PLTW), or Engineering Design and Presentation II/D	Tier II
Differed only at: I.M. Terrell, TABS, and Trimble Tech	
HONORS PAID PRACTICUM IN STEM/EXTENDED AB (EXPRSTEM1 AB/H)	STH37405AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13037405
n addition to the regular course curriculum, students in the honors course will complete additional projects and Ictivities related to the program of study.	13037405 Grade level: 12
ctivities related to the program of study.	Grade level: 12
nctivities related to the program of study. Instructional Material: Contact Career and Technical Education Director for related materials	Grade level: 12 HS Credit(s): 3
nctivities related to the program of study. <u>Instructional Material</u> : Contact Career and Technical Education Director for related materials <u>Prerequisite(s)</u> : Engineering Science (PLTW), Computer Integrated Manufacturing (PLTW), Aerospace Engineering	Grade level: 12 HS Credit(s): 3 College Hour(s): NA
Instructional Material: Contact Career and Technical Education Director for related materials Prerequisite(s): Engineering Science (PLTW), Computer Integrated Manufacturing (PLTW), Aerospace Engineering PLTW), Civil Engineering and Architecture (PLTW), Engineering Design and Development (PLTW), or Engineering Design and Presentation II/D Differed at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell,	Grade level: 12 HS Credit(s): 3 College Hour(s): NA
Activities related to the program of study. Anstructional Material: Contact Career and Technical Education Director for related materials Arerequisite(s): Engineering Science (PLTW), Computer Integrated Manufacturing (PLTW), Aerospace Engineering PLTW), Civil Engineering and Architecture (PLTW), Engineering Design and Development (PLTW), or Engineering Design and Presentation II/D Differed at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA	Grade level: 12 HS Credit(s): 3 College Hour(s): NA <b>Tier II</b>
Instructional Material: Contact Career and Technical Education Director for related materials Prerequisite(s): Engineering Science (PLTW), Computer Integrated Manufacturing (PLTW), Aerospace Engineering PLTW), Civil Engineering and Architecture (PLTW), Engineering Design and Development (PLTW), or Engineering Design and Presentation II/D Differed at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA HONORS PAID PRACTICUM IN STEM AB (PRACSTEM AB/H)	Grade level: 12 HS Credit(s): 3 College Hour(s): NA <b>Tier II</b> STH37409AB
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	ST36202AB
Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering,	13036200
and mathematics and their interrelationships. Students will develop engineering communication skills, which	Grade level: 9
nclude computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will understand the	HS Credit(s): 1
various fields of engineering and will be able to make informed career decisions. Further, students will have	
worked on a design team to develop a product or system. Students will use multiple software applications to	
prepare and present course assignments.	
nstructional Material: Principles of Applied Engineering, Texas Edition Reid, et al. 2017, Pearson Education	College Hour(s): NA
Prerequisite(s): None	Tier III
Offered at: Trimble Tech and I.M. Terrell	
HONORS PRINCIPLES OF APPLIED ENGINEERING AB (PRAPPENG AB/H)	STH36202AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13036200
activities related to the program of study.	Grade level: 9
nstructional Material: Principles of Applied Engineering, Texas Edition Reid, et al. 2017, Pearson Education	HS Credit(s): 1
Prerequisite(s): None	College Hour(s): NA
Offered at: Trimble Tech and I.M. Terrell	Tier II
ENGINEERING DESIGN AND PRESENTATION I AB (ENGDSPR AB)	ST36502AB
Engineering Design and Presentation I is a continuation of knowledge and skills learned in Principles of Applied	13036500
Engineering. Students enrolled in this course will demonstrate knowledge and skills of the design process as it	Grade level: 10
applies to engineering fields using multiple software applications and tools necessary to produce and present	HS Credit(s): 1
working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and	
software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career	
opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in	
hese areas.	
nstructional Material: Exploring Drafting, Walker, et al, 2018, Goodheart-Willcox Co.	College Hour(s): NA
Prerequisite(s): Principles of Applied Engineering	Tier III
Differed at: Trimble Tech and I.M. Terrell	
HONORS ENGINEERING DESIGN AND PRESENTATION I AB (ENGDSPR AB/H)	STH36502AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13036500
activities related to the program of study.	Grade level: 10
nstructional Material: Exploring Drafting, Walker, et al, 2018, Goodheart-Willcox Co.	HS Credit(s): 1
Prerequisite(s): Principles of Applied Engineering	College Hour(s): NA
Offered at: Trimble Tech and I.M. Terrell	Tier II
ENGINEERING DESIGN AND PRESENTATION II/D AB (ENGDP2 AB)	ST36602AB
This double-period course is a continuation of knowledge and skills learned in Engineering Design and	13036600
Presentation I. Students enrolled in this course will demonstrate knowledge and skills of the design process as it	Grade level: 11
applies to engineering fields using multiple software applications and tools necessary to produce and present	HS Credit(s): 2
working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and	
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working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Emphasis will be placed on using skills from deation through prototyping. <u>Instructional Material</u> : Contact Career and Technical Education Director for related materials <u>Prerequisite(s)</u> : Engineering Design and Presentation I <u>Offered at: Trimble Tech</u> <b>HONORS ENGINEERING DESIGN AND PRESENTATION II/D AB (ENGDP2 AB/H)</b> n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. <u>Instructional Material</u> : Contact Career and Technical Education Director for related materials <u>Prerequisite(s)</u> : Engineering Design and Presentation I <u>Offered at: Trimble Tech</u> <b>ROBOTICS I AB (ROBOT 1AB)</b> n Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.	Tier III STH36602 AB 13036600 Grade level: 11 HS Credit(s): 2 College Hour(s): NA Tier II ST37002AB 13037000 Grade level: 10-12 HS Credit(s): 1
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HONORS ROBOTICS I AB (ROBOT 1AB/H)	STH37002AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13037000
activities related to the program of study.	Grade level: 10-12
Instructional Material: Industrial Robotics, Goodheart-Willcox Co.	HS Credit(s): 1
Prerequisite(s): None	College Hour(s): NA
Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell,	Tier II
North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA and YWLA	CT272004D
ENGINEERING DESIGN AND PROBLEM SOLVING AB (ENGDPRS AB)	ST37302AB
The Engineering Design and Problem Solving course is the creative process of solving problems by identifying	13037300
needs and then devising solutions. The solution may be a product, technique, structure, or process depending on	Grade level: 12
the problem. Science aims to understand the natural world, while engineering seeks to shape this world to meet	HS Credit(s): 1
human needs and wants. Engineering design takes into consideration limiting factors or "design under	
constraint." Various engineering disciplines address a broad spectrum of design problems using specific concepts	
from the sciences and mathematics to derive a solution. The design process and problem solving are inherent to all engineering disciplines. This course satisfies a high school science graduation requirement. Students shall be	
awarded one credit for successful completion of this course.	
Instructional Material: Engineering Fundamentals: Introduction 4th Edition, Cengage; Project Lead the Way	College Hour(s): NA
materials furnished by CTE department (for select campuses and programs)	Tier III
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace	
Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW)	
Course taught by a certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18	
semester credit hours in any combination of sciences. 19 TAC Chapter 231.	
Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	
O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA	
ENGINEERING, DESIGN, & DEVELOPMENT/PLTW CAPSTONE	STH37492AB
Students engage in an open-ended research experience in the PLTW Capstone course, a culminating program for	N1303749
those completing PLTW's high school offerings. They collaborate in teams, designing and developing original	Grade level: 12
solutions to well-defined and justified real-world problems.	HS Credit(s): 1
nstructional Material: Project Lead the Way materials furnished by CTE department	
Prerequisite(s): Engineering Design and Presentation I	
Offered at: I.M. Terrell	
HONORS ENGINEERING DESIGN AND PROBLEM SOLVING AB (ENGDPRS AB/H)	STH37302AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13037300
activities related to the program of study.	Grade level: 12
Instructional Material: Engineering Fundamentals: Introduction 4th Edition, Cengage; Project Lead the Way	HS Credit(s): 1
materials furnished by CTE department (for select campuses and programs)	College Hour(s): NA
materials furnished by CTE department for select campuses and programs	
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace	Tier II
<u>Prerequisite(s)</u> : Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW)	Tier II
<u>Prerequisite(s)</u> : Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18	Tier II
<u>Prerequisite(s)</u> : Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231.	Tier II
<u>Prerequisite(s)</u> : Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	Tier II
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA	
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b>	Tier II ST37003AB
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation	<b>ST37003AB</b> 13037050
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component	<b>ST37003AB</b> 13037050 Grade level: 11-12
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.	<b>ST37003AB</b> 13037050 Grade level: 11-12 HS Credit(s): 1
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Instructional Material: Industrial Robotics, Goodheart-Willcox Co.	<b>ST37003AB</b> 13037050 Grade level: 11-12 HS Credit(s): 1 College Hour(s): NA
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Instructional Material: Industrial Robotics, Goodheart-Willcox Co. Prerequisite(s): Robotics I	<b>ST37003AB</b> 13037050 Grade level: 11-12 HS Credit(s): 1
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Instructional Material: Industrial Robotics, Goodheart-Willcox Co. Prerequisite(s): Robotics I Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell,	<b>ST37003AB</b> 13037050 Grade level: 11-12 HS Credit(s): 1 College Hour(s): NA
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Instructional Material: Industrial Robotics, Goodheart-Willcox Co. Prerequisite(s): Robotics I Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA	ST37003AB           13037050           Grade level: 11-12           HS Credit(s): 1           College Hour(s): NA           Tier III
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Instructional Material: Industrial Robotics, Goodheart-Willcox Co. Prerequisite(s): Robotics I Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA	ST37003AB           13037050           Grade level: 11-12           HS Credit(s): 1           College Hour(s): NA           Tier III           STH37003AB
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Instructional Material: Industrial Robotics, Goodheart-Willcox Co. Prerequisite(s): Robotics I Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA HONORS ROBOTICS II AB (ROBOTIC 2AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and	ST37003AB           13037050           Grade level: 11-12           HS Credit(s): 1           College Hour(s): NA           Tier III           STH37003AB           13037050
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, D.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Instructional Material: Industrial Robotics, Goodheart-Wilcox Co. Prerequisite(s): Robotics I Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA HONORS ROBOTICS II AB (ROBOTIC 2AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	ST37003AB         13037050         Grade level: 11-12         HS Credit(s): 1         College Hour(s): NA         Tier III         STH37003AB         13037050         Grade level: 11-12
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Instructional Material: Industrial Robotics, Goodheart-Willcox Co. Prerequisite(s): Robotics I Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA HONORS ROBOTICS II AB (ROBOTIC 2AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Industrial Robotics, Goodheart-Willcox Co.	ST37003AB         13037050         Grade level: 11-12         HS Credit(s): 1         College Hour(s): NA         Tier III         STH37003AB         13037050         Grade level: 11-12         HS Credit(s): 1
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Instructional Material: Industrial Robotics, Goodheart-Willcox Co. Prerequisite(s): Robotics I Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>HONORS ROBOTICS II AB (ROBOTIC 2AB/H)</b> In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Industrial Robotics, Goodheart-Willcox Co. Prerequisite(s): Robotics I	ST37003AB         13037050         Grade level: 11-12         HS Credit(s): 1         College Hour(s): NA         Tier III         STH37003AB         13037050         Grade level: 11-12         HS Credit(s): 1         College Hour(s): NA
Prerequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Instructional Material: Industrial Robotics, Goodheart-Willcox Co. Prerequisite(s): Robotics I Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>HONORS ROBOTICS II AB (ROBOTIC 2AB/H)</b> In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Industrial Robotics, Goodheart-Willcox Co. Prerequisite(s): Robotics I Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, Goodheart-Willcox Co. Prerequisite(s): Robotics I Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, Offered at: Arlington Heig	ST37003AB         13037050         Grade level: 11-12         HS Credit(s): 1         College Hour(s): NA         Tier III         STH37003AB         13037050         Grade level: 11-12         HS Credit(s): 1
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Pererequisite(s): Engineering Design and Presentation II, Computer Integrated Manufacturing (PLTW), Aerospace Engineering (PLTW), Engineering Science (PLTW), or Civil Engineering and Architecture (PLTW) Course taught by locally certified secondary science teacher or any CTE teacher with a baccalaureate degree and 18 semester credit hours in any combination of sciences. 19 TAC Chapter 231. Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side, D.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA <b>ROBOTICS II AB (ROBOTIC 2AB)</b> In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Instructional Material: Industrial Robotics, Goodheart-Willcox Co. Pererequisite(s): Robotics I Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, YMLA, YWLA HONORS ROBOTICS II AB (ROBOTIC 2AB/H) In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. Instructional Material: Industrial Robotics, Goodheart-Willcox Co. Pererequisite(s): Robotics I Offered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, I.M. Terrell, North Side, O.D. Wyatt, Paschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, I.M. Activitian Robotics, Goodheart-Willcox Co.	ST37003AB         13037050         Grade level: 11-12         HS Credit(s): 1         College Hour(s): NA         Tier III         STH37003AB         13037050         Grade level: 11-12         HS Credit(s): 1         College Hour(s): NA         Tier III         STH37003AB         13037050         Grade level: 11-12         HS Credit(s): 1         College Hour(s): NA         Tier II         STH37202AB

Presequisite(s): To receive 4th year science credit students must have completed three (3) units of science (Biology, Chemistry, and Physics) one (1) of which may be taken concurrently 1303724#: 1st Time Taken ##=0, 2nd Time Taken ##=10, 3rd Time Taken ##=20         College Hour(s): NA Tier II           Course taught by locally cartified gifted teacher Offerd at: TAS         STH374922AB           PLTW CAPSTONE         STH37492AB           Students engage in an open-ended research experience in the PLTW Capstone course, a culminating program for those completing PLTW's high school offerings. They collaborate in teams, designing and developing original Solutions to well-defined and justified real-world problems.         N1303749           Instructional Material: Project Land the Way materials furnished by CTE department Prerequisite(s): Engineering Design and Presentation 1         College Hour(s): NA Tier II           Offered at: IM. Terrell         This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and houd and work docurrentation, such as a Social Security card, to enrol in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for Nork release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.         College Hour(s): NA Tier III           CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1 AB)         CP01121AB         College Hour(s): NA Tier III		
PLTW CAPSTONE         STM42528           Students engage in an open-ended research experience in the PLTW Capstone course, a culminating program for the pLTW shigh school offerings. They collaborate in teams, designing and developing onginal         N1303749           Grade level: 11 - 12         HSC Secter(1): 11         College Hour(5): NA           Timuscional Material Project ced of Wey materiols for MSC students with have found employment for the school year within their CTE Program of Study. This course is for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students make a bulk year commitment to his course and the school way within their CTE Program of Study. This course is a profit of instruction and are engloyed for the hours per week (or average of 2) hours are scheduled for 1 (one) class period of instruction and are engloyed for the hours per week (or average of 2) hours are scheduled for 1 (one) class period with the school stude is the school adve, students can be scheduled for 1 (one) class period periods to work is ong as work release does not peoperime course and Technical Education Department for related materials         College Hour(5): NA           The relational Material Context Career and Technical Education Department for related materials         College Hour(5): NA           The scheduled for work (adve commention to the scheduled f	Instructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : To receive 4th year science credit students must have completed three (3) units of science (Biology, Chemistry, and Physics) one (1) of which may be taken concurrently 130372##: 1st Time Taken ##=00, 2nd Time Taken ##=10, 3rd Time Taken ##=20 Course taught by locally certified gifted teacher Offered at: TABS	College Hour(s): NA
those completing PLTWs high school offerings. They collaborate in teams, designing and developing original school spectrum the effective and subschool spectrum the effective and subschool spectrum the effective and the Way materials furnished by CTE department Tere II College Hour(s): NA Stress is a paid captone experience for CTE students who have found employment for the school spectrum the totic CTE Program of Study. This course is for CTE Students who have found employed for ten hours per week (or average of 20 hours across tow week) as an approved site within ten days of the beginning of the course. Work hours are be included during the school day or outside of school hours. If work hours are during the school day, the school Hay. This is a full year course. In advective to this course and their employment, are scheduled for vork elease (or average of 20 hours). If work hours are during the school day, this course is a paid captone experience for CTE students who have found employment for the school day or outside of school hours. If work hours are during the school day within their CTE Program of Study. This course is for CTE students who have found employment for the school day are committened to their employment, are scheduled for vork what are approved as a work release does not geopartice to thick curves and their employment for the school day or outside of school hours. If work hours are during the school day that work course end their employment for the school day or outside of school hours. If work hours are during the school day that work hours are during the school day to routside of school hours. If work hours are during the school day or outside of school hours. If work hours are during the school day to routside of school hours. If work hours are		STH37492AB
Percentionization 1         Ther ii           Offered at: IM Terrell         12701121           This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valle work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students projected graduation plan. This is a fullyear course.         College Hour(s): NA Tier III           Catteen PEPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1 AB)         College Hour(s): NA Tier III           This course is a paid capstone experience for CTE students who have found employment for the school year with their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course cerdit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (noe) class period of instruction and are employed for the hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or utiside of school hours. If work hours and their employment, are scheduled for the school approxement for trelated materials Preceutistics! Nome	Students engage in an open-ended research experience in the PLTW Capstone course, a culminating program for those completing PLTW's high school offerings. They collaborate in teams, designing and developing original solutions to well-defined and justified real-world problems.	Grade level: 11 - 12
their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 6 and hole and the students are specified of the program of Study. This course is a Social Security card, to enroll in any paid learning experience course. In order the service (or average of 20 hours across two weeks) at an approved site within then days of the beginning of the course. Work hours are benchuded down release (on or work as long as work release does not learning the school day. Students can be scheduled for work release (non-ceff) periods to work as long as work release does not learning the school day. Students can be scheduled for work release (non-ceff) periods to work as long as work release does not learning the school day. Students can be scheduled for work elease (non-ceff) periods to work as long as work release does not learning experience course. In order to receive course credit, this course is apaid capstone experience for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course is apaid capstone experience for CTE students on hoars for the beginning of the course. Work hours are built were commitment to this course and their employment, are scheduled for work as long as work release does not learning the school day. Students and be scheduled for work release (non-ceff) periods to work as long as work release does not learning experience course. Work hours are built the scheduled for work release (non-ceff) periods to work as long as work release does not learning experience course. In order to receive capse credit, this course and their employment for the school year within the school day. Students can be scheduled for work release (non-ceff) periods to work as long as work release does not learning experience course. In order to receive capse credit, this course requires that students make a full year commitment to this co	Prerequisite(s): Engineering Design and Presentation I	
Prerequisite(s): None         Tier III           CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1AB)         CP01121AB           This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student on enroll in any paid learning experience course. In order to receive course credit, this course and paper week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are ons the scheduled for rwork release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.         College Hour(s): NA Tier III           CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)         CP001132AB           This course is a paid capstone experience for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to erroll in any paid learning experience course. In order to receive course credit, this course is for CTE students only. A student must be a minimum age of 16 and hold wild work documentation, such as a Social Security card, to erroll in any paid learning experience course. In order to receive course credit, this course is for CTE students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within th	their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not	Grade level: 11-12
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course ex during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students only. A student must be a minimum age of 16 and hold valid. Work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course ex during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course. Instructional Material: Contact Career and Technical Education Department for related materials College Hour(s): NA Tier III CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB) CP0011322AB This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is of CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In Structional Material: Contact Career and Technical Education Department for related materials College Hour(s): NA Tier III CAREER PREPARATION I FOR PROGRAMS OF STUDY AB to the school hays of the beginning of the course. Work hours are scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course. Instructional Material: Contact Career and Technical Education Department for related materials College Hour(s): NA Tier III CAREER PREPARATION II FOR PROGRAMS		-
school year within their CTE Program of Study. This course is for CTE students only. A student       Grade level: 11-12         must be a minimum age of 16 and hold valid work documentation, such as a Social Security card,       HS Credit(s): 2         scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are used as long as work release does not jeopardize students' projected graduation plan. This is a full year course.       College Hour(s): NA Tier III         CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1AB)       CP001132AB         This course is a paid capstone experience for CTE students only. A student must be a minimum age of 16 and hold wild work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course is for CTE students who have found employment for the school year within their of related for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students only. A student must be a minimum age of 16 and hold suld work documentation, such as a Social Security card, to enroll in any paid learning experience course. In the school year within ten days of the beginning of the course. Work hours can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year	CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1 AB)	CP01121AB
Prerequisite(s): NoneTier IIICAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)CP001132ABThis course is a paid capstone experience for CTE students who have found employment for the school year within hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.College Hour(s): NA Tier IIICAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)CP001142ABThis course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students make a full year course.12701122 Grade level: 11-12 HS Credit(s): 2This course is a paid capstone experience for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the	school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a	Grade level: 11-12
This course is a paid capstone experience for CTE students who have found employment for the school year within       12701141         their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and       14701141         hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In       12701141         order to receive course credit, this course requires that students make a full year commitment to this course and       145 Credit(s): 3         week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the       145 Credit(s): 3         course. Work hours can be included during the school day or outside of school hours. If work hours are during       145 Credit(s): 3         Instructional Material:       Contact Career and Technical Education Department for related materials       College Hour(s): NA         This course is a paid capstone experience for CTE students only. A student must be a minimum age of 16 and hold       12701142         His course is a paid capstone experience for CTE students only. A student must be a minimum age of 16 and hold       12701142         College Hour(s): NA       Tire III         Cordia capstone experince for CTE students only. A student must be		
their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB) This course is a paid capstone experience for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course. Instructional Material: Contact Career and Technical Education Department for related materials	CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)	CP001132AB
Prerequisite(s): NoneTier IIICAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)CP001142ABThis course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students' projected graduation plan. This is a full year course.College Hour(s): NAInstructional Material: Contact Career and Technical Education Department for related materialsCollege Hour(s): NA	This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course.	Grade level: 11-12 HS Credit(s): 3
This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course. Instructional Material: Contact Career and Technical Education Department for related materials College Hour(s): NA		-
their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course. Instructional Material: Contact Career and Technical Education Department for related materials College Hour(s): NA	CAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)	CP001142AB
Instructional Material: Contact Career and Technical Education Department for related materials College Hour(s): NA	their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize	Grade level: 11-12 HS Credit(s): 2
	Instructional Material: Contact Career and Technical Education Department for related materials	-

# CAREER PREPARATION II FOR PROGRAMS OF STUDY/EXTENDED II AB (EXCPP 2 AB)CP01402ABThis course is a paid capstone experience for CTE students who have found employment for the school year within<br/>their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold<br/>valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order<br/>to receive course credit, this course requires that students make a full year commitment to this course and their<br/>employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen hours per week (or<br/>average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work<br/>hours can be included during the school day or outside of school hours. If work hours are during the school day,<br/>students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize<br/>students' projected graduation plan. This is a full year course.CP01402AB

Instructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s):</u> None



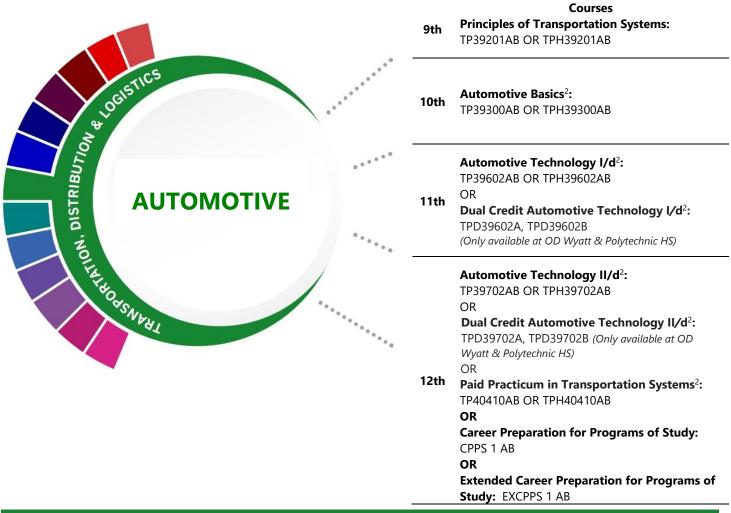
# Transportation, Distribution, and Logistics

Automotive

**Collision Repair** 

**Aviation Maintenance** 

To reach CTE Completer status, students complete and pass three or more 19 TAC Chapter 126 (C), 127 (B), or 130 CTE courses for four or more credits within a program of study, including at least one level three or level four course from the same program of study.



# Enrichment Courses:

#### • N/A

# Certification Options:

- Industry Certification Opportunities for Performance Acknowledgment: Automotive Service Excellence (ASE) Entry Level (Exams G1(MR), A4(SS), A5(BR), and A6(EE))<sup>1</sup>
- Not Counted towards Performance Acknowledgment: Safety and Pollution Prevention (S/P2)<sup>2</sup>

# Available At:

- Dunbar HS
- Polytechnic HS
- Trimble Technical HS
- North Side HSOD Wyatt HS

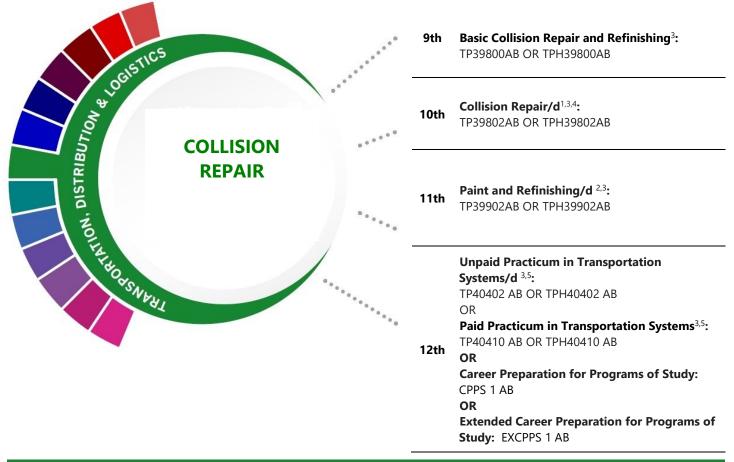
The Automotive program of study teaches students how to repair and refinish automobiles and service various types of vehicles. Students may learn to collect payment for services or supplies and perform typical vehicle maintenance procedures such as lubrication, oil changes, installation of antifreeze, or replacement of accessories like wiper blades or tires.



The Transportation, Distribution, and Logistics Career Cluster® focuses on careers in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Successful completion of the Automotive program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020

#### Courses



# Enrichment Courses:

#### • N/A

# **Certification Options:**

- Industry Certification Opportunities for Performance Acknowledgment: Automotive Service Excellence (ASE) Entry Level (Exams B3(SR), and B4, and B5(ME))<sup>1</sup>; Automotive Service Excellence (ASE) Entry Level (Exams B2(PR))<sup>2</sup>
- Not Counted towards Performance Acknowledgment: Safety and Pollution Prevention (S/P2)<sup>3</sup>; Inter-Industry Conference on Auto Collision Repair (I-CAR) Certification<sup>4</sup>; Automotive Service Excellence (ASE) Entry Level (Exam B6)<sup>5</sup>

# Available At:

# Trimble Technical HS

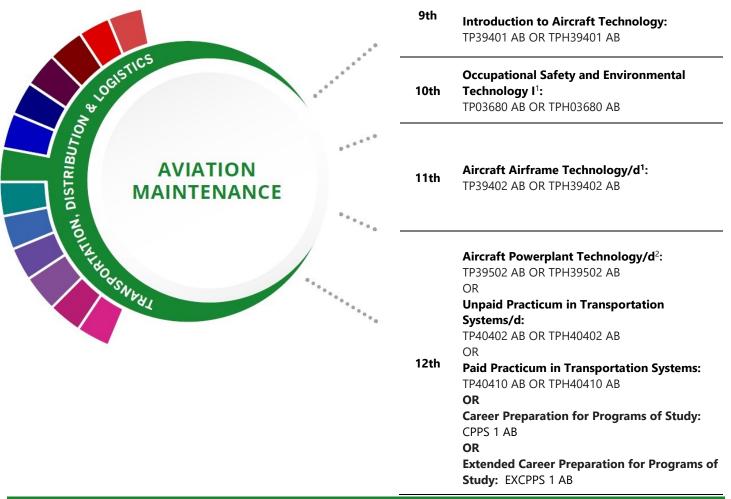
The Automotive program of study teaches students how to repair and refinish automobiles and service various types of vehicles. Students may learn to collect payment for services or supplies and perform typical vehicle maintenance procedures such as lubrication, oil changes, installation of antifreeze, or replacement of accessories like wiper blades or tires.



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Successful completion of the Automotive program of study will fulfill requirements of the Business and Industry Endorsement. Revised – July 2020

Courses



# Enrichment Courses:

# • N/A

# **Certification Options:**

- Industry Certification Opportunities for Performance Acknowledgment: Industrial Technology Maintenance (ITM) -Basic Mechanical Systems<sup>1</sup>
- Not Counted towards Performance Acknowledgment: FAA General Subject Certificate of Completion<sup>2</sup> (Hours toward FAA General Certificate); OSHA 10-Hour General Industry Certification<sup>1</sup>

# Available At:

# • Dunbar HS

The Aviation Maintenance program of study introduces students to the occupations and education opportunities related to inspecting aircraft, maintenance procedures, air navigational aids, air traffic controls, and communications equipment to ensure conformance with federal safety regulations.



The Transportation, Distribution, and Logistics Career Cluster<sup>®</sup> focuses on careers in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Successful completion of the Aviation program of study will fulfill requirements of the Business and Industry Endorsement. Revised – July 2020

# COURSE DESCRIPTIONS FOR TRANSPORTATION, DISTRIBUTION, & LOGISTICS CLASSES

PRINCIPLES OF TRANSPORTATION SYSTEMS: AUTOMOTIVE (PRINTAUTO AB)	TP39201AB
In Principles of Transportation Systems: Automotive, students will gain knowledge and skills in the safe	13039250
application, design, production, and assessment of products, services, and systems. This knowledge includes the	Grade level: 9 - 10
nistory, laws and regulations, and common practices used in the transportation industry. The emphasis will be on	HS Credit(s): 1
the automotive industry. Students should apply knowledge and skills in the application, design, and production of	
echnology as it relates to the transportation industries. This course allows students to reinforce, apply, and	
transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.	
nstructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV	College Hour(s): NA
Prerequisite(s): None	Tier III
Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, OD Wyatt	
HONORS PRINCIPLES OF TRANSPORTATION SYSTEMS: AUTOMOTIVE (PRINTAUTO AB/H)	TPH39201AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13039250
ctivities related to the program of study.	Grade level: 9 - 10
nstructional Material: Architecture, Construction, Transportation and Manufacturing, iCEV	HS Credit(s): 1
r <u>erequisite(s)</u> : None	College Hour(s): NA
Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, OD Wyatt	Tier II
NTRODUCTION TO AIRCRAFT TECHNOLOGY AB (INAIRTEC AB)	TP39401AB
troduction to Aircraft Technology is designed to teach the theory of operation of aircraft airframes, power	13039350
lants, avionics systems and associated maintenance and repair practices. Maintenance and repair practices	Grade level: 9 - 10
nclude knowledge of the function, diagnosis, and service of general curriculum subjects, airframe structures,	HS Credit(s): 1
irframe systems and components, power plant theory and maintenance, and power plant systems and the lectrical, electronic, hydraulic, pneumatic, airframe, mechanical, and power plant components of aircrafts. Industry	
ecognized professional licensures, certifications, and registrations are available for students who meet the	
equirements set forth by the accrediting organization.	
nstructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
rerequisite: None	Tier III
)ffered at: Dunbar	
IONORS INTRODUCTION TO AIRCRAFT TECHNOLOGY AB (INAIRTEC AB/H)	TPH39401AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13039350
ctivities related to the program of study.	Grade level: 9 - 10
nstructional Material: Contact Career and Technical Education for related materials	HS Credit(s): 1
rerequisite: None	College Hour(s): NA
offered at: Dunbar	Tier II
OCCUPATIONAL SAFETY AND ENVIRONMENTAL TECHNOLOGY AB (OSET1 AB)	TP03680AB
his course provides high school students with the opportunity to learn and apply specific in-depth	N1303680
rofessional and technical skills related to high-wage, high-demand occupations in Aviation	Grade level: 10 – 12 HS Credit(s): 1
Aaintenance career cluster. This course prepares students in the high school aviation	
naintenance sequence for college and career success and provides rigorous and focused instruction.	
During Occupational Safety & Environmental Technology (OSET) I, students will investigate the field	
of Occupational Safety and Health Administration and Environmental Technology, which is charged	
vith the tasks of ensuring that business and industry provide a safe workplace, free from hazards and	
ringing about a reduction in the occurrence of job-related injuries and fatalities.	
nstructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
rerequisite: Introduction to Aircraft Technology	Tier III
Offered at: Dunbar	
IONORS OCCUPATIONAL SAFETY AND ENVIRONMENTAL TECHNOLOGY AB (OSET1 AB/H)	TPH03680AB
	N1303680
addition to the regular course curriculum, students in the honors course will complete additional projects and	
addition to the regular course curriculum, students in the honors course will complete additional projects and ctivities related to the program of study.	Grade level: 10 - 12
n addition to the regular course curriculum, students in the honors course will complete additional projects and ctivities related to the program of study. <u>nstructional Material</u> : Contact Career and Technical Education for related materials	Grade level: 10 - 12 HS Credit(s): 1
n addition to the regular course curriculum, students in the honors course will complete additional projects and ctivities related to the program of study. <u>nstructional Material</u> : Contact Career and Technical Education for related materials <u>rerequisite</u> : Introduction to Aircraft Technology	Grade level: 10 - 12 HS Credit(s): 1 College Hour(s): NA
n addition to the regular course curriculum, students in the honors course will complete additional projects and ctivities related to the program of study. <u>nstructional Material</u> : Contact Career and Technical Education for related materials <u>rerequisite</u> : Introduction to Aircraft Technology <i>offered at: Dunbar</i>	Grade level: 10 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b>
n addition to the regular course curriculum, students in the honors course will complete additional projects and ctivities related to the program of study. <u>nstructional Material</u> : Contact Career and Technical Education for related materials <u>rerequisite</u> : Introduction to Aircraft Technology Offered at: Dunbar <b>NIRCRAFT AIRFRAME TECHNOLOGY/D AB (AIRTEC AB)</b>	Grade level: 10 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>TP39402AB</b>
n addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study. <u>nstructional Material</u> : Contact Career and Technical Education for related materials <u>Prerequisite</u> : Introduction to Aircraft Technology <u>Offered at: Dunbar</u> <b>AIRCRAFT AIRFRAME TECHNOLOGY/D AB (AIRTEC AB)</b> This course is a double-period technical laboratory course designed to provide training for entry-level	Grade level: 10 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>TP39402AB</b> 13039400
n addition to the regular course curriculum, students in the honors course will complete additional projects and ctivities related to the program of study. <u>hstructional Material</u> : Contact Career and Technical Education for related materials <u>rerequisite</u> : Introduction to Aircraft Technology <i>Offered at: Dunbar</i> <b>IRCRAFT AIRFRAME TECHNOLOGY/D AB (AIRTEC AB)</b> his course is a double-period technical laboratory course designed to provide training for entry-level mployment in the aerospace aviation industry. It teaches the theory of operation of aircraft airframes, power	Grade level: 10 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>TP39402AB</b> 13039400 Grade level: 10 - 11
n addition to the regular course curriculum, students in the honors course will complete additional projects and ctivities related to the program of study. <u>hstructional Material</u> : Contact Career and Technical Education for related materials <u>rerequisite</u> : Introduction to Aircraft Technology Offered at: Dunbar <b>IRCRAFT AIRFRAME TECHNOLOGY/D AB (AIRTEC AB)</b> his course is a double-period technical laboratory course designed to provide training for entry-level mployment in the aerospace aviation industry. It teaches the theory of operation of aircraft airframes, power lants, and avionics systems and associated maintenance and repair practices. Aircraft services include knowledge	Grade level: 10 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>TP39402AB</b> 13039400
n addition to the regular course curriculum, students in the honors course will complete additional projects and ctivities related to the program of study. <u>hstructional Material</u> : Contact Career and Technical Education for related materials <u>rerequisite</u> : Introduction to Aircraft Technology Offered at: Dunbar <b>NIRCRAFT AIRFRAME TECHNOLOGY/D AB (AIRTEC AB)</b> his course is a double-period technical laboratory course designed to provide training for entry-level mployment in the aerospace aviation industry. It teaches the theory of operation of aircraft airframes, power lants, and avionics systems and associated maintenance and repair practices. Aircraft services include knowledge f the function, diagnosis, and service of the electrical, electronic, hydraulic, pneumatic, airframe, mechanical, and	Grade level: 10 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>TP39402AB</b> 13039400 Grade level: 10 - 11
n addition to the regular course curriculum, students in the honors course will complete additional projects and ctivities related to the program of study. <u>nstructional Material</u> : Contact Career and Technical Education for related materials <u>rerequisite</u> : Introduction to Aircraft Technology Offered at: Dunbar <b>NIRCRAFT AIRFRAME TECHNOLOGY/D AB (AIRTEC AB)</b>	Grade level: 10 - 12 HS Credit(s): 1 College Hour(s): NA <b>Tier II</b> <b>TP39402AB</b> 13039400 Grade level: 10 - 11

flight time, fuel consumption, wind vector, drift, heading, and speed determinants.

Instructional Material: Contact Caroor and Technical Education for related m		
Instructional Material: Contact Career and Technical Education for related m	naterials	College Hour(s): NA
Prerequisite(s): Introduction to Aircraft Technology		Tier III
Offered at: Dunbar		
HONORS AIRCRAFT AIRFRAME TECHNOLOGY/D AB (AIRTECH		TPH39402AB
In addition to the regular course curriculum, students in the honors course v	will complete additional projects and	13039400
activities related to the program of study.		Grade level: 10 – 11
Instructional Material: Contact Career and Technical Education for related m	naterials	HS Credit(s): 2
Prerequisite(s): Introduction to Aircraft Technology		College Hour(s): NA
Offered at: Dunbar		Tier II
AIRCRAFT POWERPLANT TECHNOLOGY/D AB (AIRPPTEC AB)		TP39502AB
Aircraft Powerplant Technology is designed to teach the theory of operation	n of aircraft powerplants and	13039500
associated maintenance and repair practices. Powerplant maintenance and	repair practices include knowledge of	Grade level: 11 – 12
the theory, function, diagnosis, and service of powerplant, systems, and con		HS Credit(s): 2
recognized professional licensures, certifications, and registrations are availa	able for students who meet the	
requirements set forth by the accrediting organization.		
Instructional Material: Contact Career and Technical Education for related m		College Hour(s): NA
Prerequisite(s): Aircraft Technology/D	Offered at: Dunbar	Tier III
HONORS AIRCRAFT POWERPLANT TECHNOLOGY/D AB (AIRPP		TPH39502AB
In addition to the regular course curriculum, students in the honors course v	will complete additional projects and	13039500
activities related to the program of study.		Grade level: 11 – 12
Instructional Material: Contact Career and Technical Education for related m	naterials_	HS Credit(s): 2
Prerequisite(s): Aircraft Technology/D		College Hour(s): NA
Offered at: Dunbar		Tier II
AUTOMOTIVE BASICS AB (AUTOBASC AB)		TP39300AB
Automotive Basics includes knowledge of the basic automotive systems and		13039550
components that make up each system and how to service these systems. A		Grade level: 10 - 11
safety and environmental rules and regulations. In Automotive Basics, stude		HS Credit(s): 1
the repair, maintenance, and servicing of vehicle systems. This study allows s		
transfer academic knowledge and skills to a variety of interesting and relev		
The focus of this course is to teach safety, tool identification, proper tool us		
Instructional Material: CDX Fundamentals of Automotive Technology, Jones a	and Bartlett Learning	College Hour(s): NA
Prerequisite(s): Principles of Transportation Systems: Automotive		Tier III
Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt		
HONORS AUTOMOTIVE BASICS AB (AUTOBASC AB/H)		TPH39300AB
In addition to the regular course curriculum, students in the honors course v	will complete additional projects and	13039550
activities related to the program of study.		Grade level: 10 – 11
Instructional Material: CDX Fundamentals of Automotive Technology, Jones a	and Bartlett Learning	HS Credit(s): 1
Prerequisite(s): Principles of Transportation Systems: Automotive	and Bartlett Learning	College Hour(s): NA
<u>Prerequisite(s)</u> : Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt		.,
Prerequisite(s): Principles of Transportation Systems: Automotive		College Hour(s): NA
<u>Prerequisite(s)</u> : Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt	AIR I/D AB (AUTOTEC 1AB)	College Hour(s): NA Tier II
<u>Prerequisite(s)</u> : Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt <b>AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA</b> This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and aaintenance, and diagnosis of vehicle	College Hour(s): NA Tier II TP39602AB
<u>Prerequisite(s)</u> : Principles of Transportation Systems: Automotive <u>Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt</u> <b>AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA</b> This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundation	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and naintenance, and diagnosis of vehicle on (NATEF) standards to develop skills	College Hour(s): NA Tier II TP39602AB 13039600
<u>Prerequisite(s)</u> : Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt <b>AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA</b> This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundation in the service and repair of vehicle components: electrical/electronic systems	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and naintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering.	College Hour(s): NA <b>Tier II</b> <b>TP39602AB</b> 13039600 Grade level: 11 - 12
<u>Prerequisite(s)</u> : Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt <b>AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA</b> This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundation in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and naintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering.	College Hour(s): NA <b>Tier II</b> <b>TP39602AB</b> 13039600 Grade level: 11 - 12
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt <b>AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA</b> This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundation in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program.	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and maintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE)	College Hour(s): NA Tier II TP39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt <b>AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA</b> This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundation in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and maintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE)	College Hour(s): NA Tier II TP39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt <b>AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA</b> This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundation in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and maintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE)	College Hour(s): NA Tier II TP39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundation in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and naintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning	College Hour(s): NA Tier II TP39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt <b>AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA</b> This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundation in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and naintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning	College Hour(s): NA Tier II TP39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundation in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and naintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning	College Hour(s): NA Tier II TP39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA Tier III
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt <b>AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA</b> This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundatic in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and aaintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning GHT REPAIR I/D AB	College Hour(s): NA Tier II TP39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA Tier III
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundatio in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study.	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and laintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning GHT REPAIR I/D AB will complete additional projects and	College Hour(s): NA Tier II TP39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA Tier III TPH39602AB
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundatic in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of Previous and the regular course curriculum, students in the honors course of Previous and the regular course curriculum and the program of the program of the regular course curriculum.	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and laintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning GHT REPAIR I/D AB will complete additional projects and	College Hour(s): NA <b>Tier II</b> <b>TP39602AB</b> 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>TPH39602AB</b> 13039600 Grade level: 11 – 12
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundatio in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study.	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and laintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning GHT REPAIR I/D AB will complete additional projects and	College Hour(s): NA <b>Tier II</b> <b>TP39602AB</b> 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>TPH39602AB</b> 13039600 Grade level: 11 – 12
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundation in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and laintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning GHT REPAIR I/D AB will complete additional projects and	College Hour(s): NA <b>Tier II</b> <b>TP39602AB</b> 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>TPH39602AB</b> 13039600 Grade level: 11 – 12 HS Credit(s): 2 College
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundatic in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and naintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning GHT REPAIR I/D AB will complete additional projects and and Bartlett Learning	College Hour(s): NA <b>Tier II</b> <b>TP39602AB</b> 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>TPH39602AB</b> 13039600 Grade level: 11 – 12 HS Credit(s): 2 College Hour(s): NA
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Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundation in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY: MAINTENANCE AN (AUTOTEC1A DC) TCC Course: (AUMT 1405) Introduction to Automotive Technol	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and naintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning GHT REPAIR I/D AB will complete additional projects and and Bartlett Learning ND LIGHT REPAIR I/D A	College Hour(s): NA <b>Tier II</b> <b>TP39602AB</b> 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA <b>Tier III</b> <b>TPH39602AB</b> 13039600 Grade level: 11 – 12 HS Credit(s): 2 College Hour(s): NA <b>Tier II</b>
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundatic in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY: MAINTENANCE AN (AUTOTEC1A DC) TCC Course: (AUMT 1405) Introduction to Automotive Technol *Course offerings may vary each year due to availability	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and naintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning GHT REPAIR I/D AB will complete additional projects and and Bartlett Learning ND LIGHT REPAIR I/D A	College Hour(s): NA Tier II TP39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA Tier III TPH39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA Tier II TPD39602A
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundatio in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY: MAINTENANCE AN (AUTOTEC1A DC) TCC Course: (AUMT 1405) Introduction to Automotive Technol *Course offerings may vary each year due to availability In this dual credit class, students will be introduced to the automotive industi	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and haintenance, and diagnosis of vehicle for (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning IGHT REPAIR I/D AB will complete additional projects and and Bartlett Learning ND LIGHT REPAIR I/D A ogy	College Hour(s): NA Tier II TP39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA Tier III TPH39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA Tier II TPD39602A 13039600
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundatio in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course v activities related to the program of study. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC1A DC) TCC Course: (AUMT 1405) Introduction to Automotive Technology Maintenance and tools, vehicle subsystems, service publicati *Course offerings may vary each year due to availability In this dual credit class, students will be introduced to the automotive industive practices, shop equipment and tools, vehicle subsystems, service publicati	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and haintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning IGHT REPAIR I/D AB will complete additional projects and and Bartlett Learning ND LIGHT REPAIR I/D A ogy ry including automotive history, safety ons, professional responsibilities and	College Hour(s): NA Tier II TP39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA Tier III TPH39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA Tier II TPD39602A 13039600 Grade level: 11 - 12
Prerequisite(s): Principles of Transportation Systems: Automotive Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPA This double-period course continues to prepare students for entry-level em diesel technology fields. Students gain knowledge and skills in the repair, m systems. Students use National Automotive Technician Education Foundatio in the service and repair of vehicle components: electrical/electronic systems Entrepreneurship, safety, and career opportunities are included. This is an A certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt HONORS AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LI (AUTOTEC AB/H) In addition to the regular course curriculum, students in the honors course of activities related to the program of study. Instructional Material: CDX Fundamentals of Automotive Technology, Jones a Prerequisite(s): Automotive Basics Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY: MAINTENANCE AN (AUTOTEC1A DC) TCC Course: (AUMT 1405) Introduction to Automotive Technol *Course offerings may vary each year due to availability In this dual credit class, students will be introduced to the automotive industi	AIR I/D AB (AUTOTEC 1AB) ployment in the automotive and haintenance, and diagnosis of vehicle on (NATEF) standards to develop skills s, suspensions and steering. utomotive Service Excellence (ASE) and Bartlett Learning IGHT REPAIR I/D AB will complete additional projects and and Bartlett Learning ND LIGHT REPAIR I/D A ogy ry including automotive history, safety ons, professional responsibilities and eration and repair of drum/disc type	College Hour(s): NA Tier II TP39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA Tier III TPH39602AB 13039600 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): NA Tier II TPD39602A 13039600

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<u>Instructional Material</u> : <i>CDX Fundamentals of Automotive Technology,</i> Jones and Bartlett Learning <u>TCC Course</u> : Introduction to Automotive Technology (AUMT 1405) <u>FWISD Prerequisite(s)</u> : Automotive Basics	College Hour(s): 4 <b>Tier I</b>
TCC Prerequisite(s): TSI	
Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt	
DUAL CREDIT AUTOMOTIVE TECHNOLOGY: MAINTENANCE AND LIGHT REPAIR I/D B	TPD39602B
(AUTOTEC1B DC) TCC Course: (AUMT 1407) Automotive Electrical Systems	
*Course offerings may vary each year due to availability	
In this dual credit class, students will learn about electrical systems including topics in operational theory,	13039600
testing, diagnosis, and repair of, charging and starting systems, and electrical accessories. Emphasis on electrical	Grade level: 11 - 12
principles, schematic diagrams, and service manuals. May be taught manufacturer specific.	HS Credit(s): 1
Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1407)	College Hour(s): 4 <b>Tier I</b>
<u>FWISD Prerequisite(s)</u> : Dual Credit Automotive Technology 1/D A	
TCC Prerequisite(s): TSI, AUMT 1405	
Course taught by an approved embedded instructor.	
Offered at: Polytechnic and OD Wyatt	TD20702AD
AUTOMOTIVE TECHNOLOGY: AUTOMOTIVE SERVICE II/D AB (AUTOTEC 2AB) Students in this double-period laboratory course continue training for entry-level employment in an automotive	TP39702AB 13039700
technology career field. The course includes use of National Automotive Technician Education Foundation	Grade level: 12
(NATEF) standards in the service and repair of the vehicle component of Automotive Engine Performance.	HS Credit(s): 2
Entrepreneurship, safety, and leadership training are included. This is an Automotive Service Excellence (ASE)	
certified program. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning	
<u>Prerequisite(s)</u> : Automotive Technology I/D	College Hour(s): NA <b>Tier III</b>
Offered at: Dunbar, North Side, Polytechnic, Trimble Technical, OD Wyatt	
HONORS AUTOMOTIVE TECHNOLOGY: AUTOMOTIVE SERVICE II/D AB (AUTOTEC 2AB/H)	TPH39702AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13039700
activities related to the program of study.	Grade level: 12
Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning <u>Prerequisite(s)</u> : Automotive Technology I/D	HS Credit(s): 2 College Hour(s): NA
Offered at: Dunbar, North Side, Polytechnic, Trimble Technical, OD Wyatt	Tier II
DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D A (AUTOTEC 2A DC)	TDD207024
	TPD39702A
TCC Course: (AUMT 1410) Automotive Brake Systems	TPD39702A
*Course offerings may vary each year due to availability	
*Course offerings may vary each year due to availability	13039700
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes.	13039700 Grade level: 12
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions.	13039700
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410)	13039700 Grade level: 12 HS Credit(s): 1
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Prerequisite(s): TSI, AUMT 1407	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor.	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC)	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b>
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I *Course offerings may vary each year due to availability	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TPD39702B</b>
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I *Course offerings may vary each year due to availability In this dual credit class, students will learn about diagnosis and repair of emission systems, computerized engine	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TPD39702B</b> 13039700
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I *Course offerings may vary each year due to availability In this dual credit class, students will learn about diagnosis and repair of emission systems, computerized engine performance systems, and advanced ignition and fuel systems. Includes use of advanced engine performance	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TPD39702B</b>
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TPD39702B</b> 13039700 Grade level: 12
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I *Course offerings may vary each year due to availability In this dual credit class, students will learn about diagnosis and repair of emission systems, computerized engine performance systems, and advanced ignition and fuel systems. Includes use of advanced engine performance diagnostic equipment. May be taught manufacturer specific. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 2417)	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TPD39702B</b> 13039700 Grade level: 12 HS Credit(s): 1
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I *Course offerings may vary each year due to availability In this dual credit class, students will learn about diagnosis and repair of emission systems, computerized engine performance systems, and advanced ignition and fuel systems. Includes use of advanced engine performance diagnostic equipment. May be taught manufacturer specific. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I *Course diagnostic equipment. May be taught manufacturer specific. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 2417) EWISD Prerequisite(s): Dual Credit Automotive Technology I/D A	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TPD39702B</b> 13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) EWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I *Course offerings may vary each year due to availability In this dual credit class, students will learn about diagnosis and repair of emission systems, computerized engine performance systems, and advanced ignition and fuel systems. Includes use of advanced engine performance diagnostic equipment. May be taught manufacturer specific. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 2417) EWISD Prerequisite(s): Dual Credit Automotive Technology II/D A TCC Course: Automotive Engine Performance Analysis I (AUMT 2417) EWISD Prerequisite(s): TSI, AUMT 1410	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TPD39702B</b> 13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: <i>CDX Fundamentals of Automotive Technology</i> , Jones and Bartlett Learning <u>TCC Course</u> : Automotive Engine Performance Analysis I (AUMT 1410) <u>FWISD Prerequisite(s)</u> : Dual Credit Automotive Technology I/D B <u>TCC Prerequisite(s)</u> : TSI, AUMT 1407 <i>Course taught by an approved embedded instructor</i> . <i>Offered at: Polytechnic and OD Wyatt</i> <b>DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC)</b> <b>TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I</b> *Course offerings may vary each year due to availability In this dual credit class, students will learn about diagnosis and repair of emission systems, computerized engine performance systems, and advanced ignition and fuel systems. Includes use of advanced engine performance diagnostic equipment. May be taught manufacturer specific. Instructional Material: <i>CDX Fundamentals of Automotive Technology</i> , Jones and Bartlett Learning <u>TCC Course</u> : Automotive Engine Performance Analysis I (AUMT 2417) <u>FWISD Prerequisite(s)</u> : TSI, AUMT 1410 <u>FOUSD Prerequisite(s)</u> : TSI, AUMT 1410 <u>Course taught by an approved embedded instructor</u> .	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TPD39702B</b> 13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning <u>TCC Course</u> : Automotive Engine Performance Analysis I (AUMT 1410) <u>FWISD Prerequisite(s)</u> : Dual Credit Automotive Technology I/D B <u>TCC Prerequisite(s)</u> : TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt <b>DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course:</b> (AUMT 2417) Automotive Engine Performance Analysis I *Course offerings may vary each year due to availability In this dual credit class, students will learn about diagnosis and repair of emission systems, computerized engine performance systems, and advanced ignition and fuel systems. Includes use of advanced engine performance diagnostic equipment. May be taught manufacturer specific. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning <u>TCC Course</u> : Automotive Engine Performance Analysis I (AUMT 2417) <u>FWISD Prerequisite(s)</u> : TSI, AUMT 1410 <u>FOR Frequisite(s)</u> : TSI, AUMT 1410 <u>Course taught by an approved embedded instructor. <u>Offered at: Polytechnic and OD Wyatt</u></u>	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TPD39702B</b> 13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning ICC course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B ICC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I *course offerings may vary each year due to availability In this dual credit class, students will learn about diagnosis and repair of emission systems, computerized engine performance systems, and advanced ignition and fuel systems. Includes use of advanced engine performance diagnostic equipment. May be taught manufacturer specific. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning ICC Course: Automotive Engine Performance Analysis I (AUMT 2417) EWISD Prerequisite(s): Dual Credit Automotive Technology, Jones and Bartlett Learning ICC Course: Automotive Engine Performance Analysis I (AUMT 2417) EWISD Prerequisite(s): Dual Credit Automotive Technology II/D A ICC Course: Automotive Engine Performance Analysis I (AUMT 2417) EWISD Prerequisite(s): Dual Credit Automotive Technology II/D A ICC Course: Automotive Engine Performance Analysis I (AUMT 2417) EWISD Prerequisite(s): Dual Credit Automotive Technology II/D A ICC Course: Automotive Engine Performance Analysis I (AUMT 2417) EWISD Prerequis	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TPD39702B</b> 13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TP40410AB</b> 13040455
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I *Course offerings may vary each year due to availability In this dual credit class, students will learn about diagnosis and repair of emission systems, computerized engine performance systems, and advanced ignition and fuel systems. Includes use of advanced engine performance diagnostic equipment. May be taught manufacturer specific. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 2417) EWISD Prerequisite(s): Dual Credit Automotive Technology I/D A TCC Prerequisite(s): TSI, AUMT 1410 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt PAID PRACTICUM IN TRANSPORTATION SYSTEMS AB/EXTENDED (EXPRTS1 AB) The practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. The Practicum is designed to give	13039700         Grade level: 12         HS Credit(s): 1         College Hour(s): 4         Tier I         TPD39702B         13039700         Grade level: 12         HS Credit(s): 1         College Hour(s): 4         Tier I         13039700         Grade level: 12         HS Credit(s): 1         College Hour(s): 4         Tier I         TP40410AB         13040455         Grade level: 12
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning TCC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B TCC Perequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I *Course offerings may vary each year due to availability In this dual credit class, students will learn about diagnosis and repair of emission systems, computerized engine performance systems, and advanced ignition and fuel systems. Includes use of advanced engine performance diagnostic equipment. May be taught manufacturer specific. Instructional Material: CDX Fundamentals of Automotive Technology I/D A ICC Course: Automotive Engine Performance Analysis I (AUMT 2417) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D A ICC Prerequisite(s): TSI, AUMT 1410 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt PDID PRACTICUM IN TRANSPORTATION SYSTEMS AB/EXTENDED (EXPRTRS1 AB) The practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. The Practicum is designed to give students supervised practical application of knowledge and skills. A student must be a minimu age of 16 and	13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TPD39702B</b> 13039700 Grade level: 12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> <b>TP40410AB</b> 13040455
*Course offerings may vary each year due to availability In this dual credit class, students will learn about the operation and repair of drum/disc type brake systems. Topics include brake theory, diagnosis and repair of power, manual, anti-lock brake systems and parking brakes. May be taught with manufacturer-specific instructions. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning ICC Course: Automotive Engine Performance Analysis I (AUMT 1410) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D B ICC Prerequisite(s): TSI, AUMT 1407 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt DUAL CREDIT AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE II/D B (AUTOTEC 2B DC) TCC Course: (AUMT 2417) Automotive Engine Performance Analysis I *Course offerings may vary each year due to availability In this dual credit class, students will learn about diagnosis and repair of emission systems, computerized engine performance systems, and advanced ignition and fuel systems. Includes use of advanced engine performance diagnostic equipment. May be taught manufacturer specific. Instructional Material: CDX Fundamentals of Automotive Technology, Jones and Bartlett Learning ICC Course: Automotive Engine Performance Analysis I (AUMT 2417) FWISD Prerequisite(s): Dual Credit Automotive Technology I/D A ICC Prerequisite(s): TSI, AUMT 1410 Course taught by an approved embedded instructor. Offered at: Polytechnic and OD Wyatt PAID PRACTICUM IN TRANSPORTATION SYSTEMS AB/EXTENDED (EXPRTS1 AB) The practicum course is a paid capstone experience for students participating in a coherent sequence of career	13039700         Grade level: 12         HS Credit(s): 1         College Hour(s): 4         Tier I         TPD39702B         13039700         Grade level: 12         HS Credit(s): 1         College Hour(s): 4         Tier I         13039700         Grade level: 12         HS Credit(s): 1         College Hour(s): 4         Tier I         TP40410AB         13040455         Grade level: 12

week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during	
the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected	-
graduation plan.	
Instructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
Prerequisite(s): Automotive Technology II, Collision Repair Paint and Refinishing, or Aircraft Powerplant	Tier III
Technology Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and O.D. Whatt	
Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and O.D. Wyatt HONORS PAID PRACTICUM IN TRANSPORTATION SYSTEMS AB/EXTENDED (EXPRTRS1 AB/H)	TPH40410AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13040455
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education for related materials	HS Credit(s): 3
Prerequisite(s): Automotive Technology II, Collision Repair Paint and Refinishing, or Aircraft Powerplant	College Hour(s): NA
Technology	Tier II
Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and O.D. Wyatt UNPAID PRACTICUM IN TRANSPORTATION SYSTEMS AB/D (PRACTDL AB)	TP40402AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	13040450
career and technical education courses within their designated program of study. The Practicum is designed to	Grade level: 12
give students supervised practical application of knowledge and skills. A student must be a minimum age of 16	HS Credit(s): 2
and hold valid work documentation, such as a Social Security card, to enroll in any of the paid practicum learning	
experiences. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and	
level of experiences such as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences include students working in a simulated environment, running an enterprise, or be involved	
in program-specific local projects the school has approved for this class. Additional capstone experiences also	
include students being selected to be a part of a work-based experience or industry training off-site, outside of	
school.	
Instructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
Prerequisite(s): Automotive Technology II, Collision Repair Paint and Refinishing, or Aircraft Powerplant	Tier III
Technology Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and O.D. Wyatt	
HONORS UNPAID PAID PRACTICUM IN TRANSPORTATION SYSTEMS AB/D (PRACTDL AB/H)	TPH40402AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13040450
activities related to the program of study.	Grade level: 12
Instructional Material: Contact Career and Technical Education for related materials	HS Credit(s): 2
Prerequisite(s): Automotive Technology II, Collision Repair Paint and Refinishing, or Aircraft Powerplant	College Hour(s): NA
Technology Offered at: Dunbar, North Side, Polytechnic, Trimble Tech, and O.D. Wyatt	Tier II
BASIC COLLISION REPAIR AND REFINISHING AB (BASCOLRR AB)	TP39800AB
Basic Collision Repair and Refinishing includes knowledge of the processes, technologies, and materials used in	13039750
the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to	Grade level: 9
automotive collision repair and refinishing.	HS Credit(s): 1
Instructional Material: Auto Collision Repair and Refinishing, 2nd Edition 2017, Goodheart-Willcox Co.	College Hour(s): NA
<u>Prerequisite(s)</u> : Principles of Transportation Systems: Collision Offered only at: Trimble Tech	Tier III
HONORS BASIC COLLISION REPAIR AND REFINISHING AB (BASCOLRR AB/H)	TPH39800AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and	13039750
activities related to the program of study.	Grade level: 9
Instructional Material: Auto Collision Repair and Refinishing, 2nd Edition 2017, Goodheart-Willcox Co.	HS Credit(s): 1
Prerequisite(s): Principles of Transportation Systems: Collision	College Hour(s): NA
Offered only at Trimble Tech	Tier II
Offered only at: Trimble Tech	TD20003AD
COLLISION REPAIR/D AB (COLLISR AB)	<b>TP39802AB</b>
COLLISION REPAIR/D AB (COLLISR AB) This double-period pre-employment laboratory course provides job-specific preparation for entry-level	<b>TP39802AB</b> 13039800 Grade level: 10
COLLISION REPAIR/D AB (COLLISR AB) This double-period pre-employment laboratory course provides job-specific preparation for entry-level employment in automotive collision repair. It includes use of National Automotive Technician Education	13039800
COLLISION REPAIR/D AB (COLLISR AB) This double-period pre-employment laboratory course provides job-specific preparation for entry-level employment in automotive collision repair. It includes use of National Automotive Technician Education Foundation (NATEF) industry standards and utilizes I-car materials in STRUCTURAL ANALYSIS and DAMAGE REPAIR. Instruction emphasizes advanced training in frame and body repair; metal, fiberglass, and synthetic	13039800 Grade level: 10
COLLISION REPAIR/D AB (COLLISR AB) This double-period pre-employment laboratory course provides job-specific preparation for entry-level employment in automotive collision repair. It includes use of National Automotive Technician Education Foundation (NATEF) industry standards and utilizes I-car materials in STRUCTURAL ANALYSIS and DAMAGE REPAIR. Instruction emphasizes advanced training in frame and body repair; metal, fiberglass, and synthetic materials repair; welding skills; and preparation and application of primers and paint. Entrepreneurship,	13039800 Grade level: 10
COLLISION REPAIR/D AB (COLLISR AB) This double-period pre-employment laboratory course provides job-specific preparation for entry-level employment in automotive collision repair. It includes use of National Automotive Technician Education Foundation (NATEF) industry standards and utilizes I-car materials in STRUCTURAL ANALYSIS and DAMAGE REPAIR. Instruction emphasizes advanced training in frame and body repair; metal, fiberglass, and synthetic materials repair; welding skills; and preparation and application of primers and paint. Entrepreneurship, environmental issues, safety, leadership training, and career-opportunity awareness are emphasized.	13039800 Grade level: 10 HS Credit(s): 2
COLLISION REPAIR/D AB (COLLISR AB) This double-period pre-employment laboratory course provides job-specific preparation for entry-level employment in automotive collision repair. It includes use of National Automotive Technician Education Foundation (NATEF) industry standards and utilizes I-car materials in STRUCTURAL ANALYSIS and DAMAGE REPAIR. Instruction emphasizes advanced training in frame and body repair; metal, fiberglass, and synthetic materials repair; welding skills; and preparation and application of primers and paint. Entrepreneurship, environmental issues, safety, leadership training, and career-opportunity awareness are emphasized. Instructional Material: Contact Career and Technical Education for related materials	13039800 Grade level: 10 HS Credit(s): 2 College Hour(s): NA
COLLISION REPAIR/D AB (COLLISR AB) This double-period pre-employment laboratory course provides job-specific preparation for entry-level employment in automotive collision repair. It includes use of National Automotive Technician Education Foundation (NATEF) industry standards and utilizes I-car materials in STRUCTURAL ANALYSIS and DAMAGE REPAIR. Instruction emphasizes advanced training in frame and body repair; metal, fiberglass, and synthetic materials repair; welding skills; and preparation and application of primers and paint. Entrepreneurship, environmental issues, safety, leadership training, and career-opportunity awareness are emphasized. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Basic Collision Repair and Refinishing	13039800 Grade level: 10 HS Credit(s): 2
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Instructional Material: Contact Career and Technical Education for related materials	HS Credit(s): 2
Prerequisite(s): Basic Collision Repair and Refinishing	College Hour(s): NA
Offered only at: Trimble Tech	Tier II
PAINT AND REFINISHING/D AB (PAINTR AB)	TP39902AB
This double-period pre-employment laboratory course continues preparation for entry-level employment in	13039900
automotive collision repair. It includes use of National Automotive Technician Education Foundation (NATEF)	Grade level: 11
industry standards and utilizes I-car materials in STRUCTURAL ANALYSIS and DAMAGE REPAIR. Instruction	HS Credit(s): 2
emphasizes advanced preparation in metal fiberglass and synthetic materials preparation and application of	
primers and paint. An INDUSTRY INTERNSHIP is an integral element of the program. Entrepreneurship,	
environmental issues, safety, leadership training and career opportunity awareness are emphasized.	
nstructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
Prerequisite(s): Collision Repair/D	Tier III
Offered only at: Trimble Tech	
IONORS PAINT AND REFINISHING/D AB (PAINTR AB/H)	TPH39902AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13039900
activities related to the program of study.	Grade level: 11
nstructional Material: Contact Career and Technical Education for related materials	HS Credit(s): 2
Prerequisite(s): Collision Repair/D	College Hour(s): NA
Offered only at: Trimble Tech	Tier II
CAREER PREPARATION I FOR PROGRAMS OF STUDY AB (CPPS 1 AB)	CP01121AB
his course is a paid capstone experience for CTE students who have found employment for the school year	12701121
within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16	Grade level: 11-12
and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience	HS Credit(s): 2
course. In order to receive course credit, this course requires that students make a full year commitment to this	
course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten	
nours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of	
the course. Work hours can be included during the school day or outside of school hours. If work hours are	
during the school day, students can be scheduled for work release (noncredit) periods to work as long as work	
release does not jeopardize students' projected graduation plan. This is a full year course.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): None	Tier III
CAREER PREPARATION I FOR PROGRAMS OF STUDY/EXTENDED I AB (EXCPP 1 AB)	CP001132AB
This course is a paid capstone experience for CTE students who have found employment for the school year	12701141
within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16	Grade level: 11-12
and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience	
and note valid work documentation, such as a social security card, to enroll in any paid learning experience	HS Credit(s): 3
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course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for fifteen nours per week (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course. <b>CAREER PREPARATION II FOR PROGRAMS OF STUDY AB (CPPS 2 AB)</b> This course is a paid capstone experience for CTE students who have found employment for the school year within their CTE Program of Study. This course is for CTE students only. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course. Work hours can be included during the school day or outside of school hours. If work hours are during the school as a social Security card, to enroll in any paid learning experience course. Use their employment, are scheduled for 1 (one) class period of instruction and are employed for ten nours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. This is a full year course. In order to receive course credit, this course that students make a full wath to may are scheduled for work release (noncredit) periods to work as long as work release does	College Hour(s): NA Tier III CP001142AB 12701122 Grade level: 11-12 HS Credit(s): 2 College Hour(s): NA Tier III CP01402AB 12701132
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Prerequisite(s): None

College Hour(s): NA Tier III

# **P-TECH**

## Pathways in Technology (P-Tech) Early College High Schools

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Pathways in Technology Early College High Schools (P-TECH) are innovative open-enrollment high schools that allow students least likely to attend college an opportunity to receive both a high school diploma, an associate degree or at least 60 credit hours and industry certifications and credentials. The hallmark of the P-TECH model is its career focus and the provision of work-based education. P-TECH programs:

- Enroll historically underserved students, targeting at-risk and economically disadvantaged
- Provide students grade 9 through 12 the opportunity to complete a course of study that combines high school and postsecondary courses
- Enable students to earn a high school diploma, along with an associate degree, Level 1 or Level 2 certificate, or industry-based certification within six years
- Offer age-appropriate work-based learning opportunity in every grade level
- Allow students to gain work experience through an internship, apprenticeship, or other job training program
- Align to regional workforce needs, guiding students into high-demand, high-wage careers
- Partner with Texas Institutions of Higher Education (IHEs) and regional businesses and industries, giving students access to post-secondary education and workforce training opportunities

Location	P-TECH Academy	Focus	Implemen ted	Associate's Degree	College Level Certificate(s)	Industry Certification(s)
Paul Laurence	Aviation	Advanced Composites	2020-2021	Associates of Applied Science (AAS), Robotics and Automation: Composites	Advanced Composite, Level 1	Industrial Technology Maintenance (ITM)
Dunbar	Manufacturing	CNC Machinist	2020-2021		CNC Machinist, Level 1	Industrial Technology Maintenance (ITM)
High School		Mechatronics Technician	2020-2021	Associates of Applied Science (AAS), Robotics and Automation	Mechatronics Technician, Level 1	Industrial Technology Maintenance (ITM)
Eastern		Cybersecurity	2020-2021	Associates of Applied Science (AAS), Cybersecurity	Cybersecurity Specialist, Level 1 Ethical Hacking, Level 2	Cisco Certified Entry Networking Technician (CCENT); CompTIA IT Fundamentals+; CompTIA Network+; Microsoft Technology Associate Introduction to Programming Using Python; and/or Microsoft Technology Associate Introduction to Programming Using Java
Hills High School	Cyber-security	Programming	2020-2021	Associates of Applied Science (AAS), Programming	Programming 1, Level 1 Programming II, Level 2	Cisco Certified Entry Networking Technician (CCENT); CompTIA IT Fundamentals+; CompTIA Network+; Microsoft Technology Associate Introduction to Programming Using Python; and/or Microsoft Technology Associate Introduction to Programming Using Java
North Side High School	Medical Professions	Medical Professions	2020-2021	Associates of Arts (AA)	Health Science Pre- Professional	Pharmacy Technician (PhT); Dementia Specialist Certificate; Emergency Medical Technician (EMT); Patient Care Technician (PCT); Certified Nursing Assistant (CNA)
Poly- technic High School	Education	Education	2020-2021	Associates of Arts (AA), Teaching	Educational Aide I	Educational Aide I
		Electrical Lineman	2018-2019	Associates of Applied Science (AAS), Electronics Line Technician	Ground Technician, Level 1 Renewable Line Technician, Level 2	Microsoft Office Expert-Word, PowerPoint, Excel, or Office 365
TCC South Collegiate High	Energy	Advanced Energy Technician	2018-2019	Associates of Applied Science (AAS), Electronics Technology: Advanced Energy Technician	Renewable Energy Technology, Level 1	Microsoft Office Expert-Word, PowerPoint, Excel, or Office 365
School		Energy Business	2018-2019	Associates of Arts (AA)	Business, Level 1 Business, Level 2	Microsoft Office Expert-Word, PowerPoint, Excel, or Office 365
		Water/Waste Water Operator	2022-2023	Associates of Arts (AA)	Water Operator-D License Wastewater Operator-D License	Microsoft Office Expert-Word, PowerPoint, Excel, or Office 365

\*Programs, pathways and courses are subject to change at any time and may vary due to availability.

Location	P-TECH Academy	Focus	Implemented	Associate's Degree	College Level Certificate(s)	Industry Certification(s)
Carter- Riverside High School	IT/ Networking/ Computer Maintenance	Cloud Technology	2021-2022	Associate of Applied Science (AAS), Convergence Technologies: Cloud Technology	Advanced Convergence Technologies, Level 1 OR Convergence Cloud Technology, Level 1	Comp TIA Certifications
Diamond	Architecture/	Architecture	2021-2022	Associate of Applied Science (AAS), Architectural Technology	Architectural CAD Operator, Level 1 OR Architectural Paraprofessional, Level 1 OR Architectural Technology Occupational Skills Award	Autodesk Certified User in AutoCAD
Hill Jarvis High School	Construction Logistics	Construction Management	2021-2022	Associate of Applied Science (AAS), Construction Management Technology	Construction Inspection Technician, Level 1 OR Construction Management Technology, Level 1	NCCER Core Curriculum AND/OR NCCER Construction Technology
		Logistics & Supply Chain Management	2021-2022	Associate of Applied Science (AAS), Logistics and Supply Chain Management	Transportation Management, Level 1 OR Warehouse Management, Level 1	MSSC Certified Logistics Technician
South Hills High School	Software Development, IT and User Experience	Web Applications	2021-2022	Associate of Applied Science (AAS), Information Technology: Web Applications Programming	Web Applications Programming I, Level 1 OR Web Applications Programming II, Level 2	WD Certified Web Design Certification
Success High School	Business	Business	2022-2023	Associate of Arts (AA)	Business, Level 1 Business, Level 2	Microsoft Office Expert-Word, PowerPoint, Excel, or Office 365
Young Men's	Business	Business		Associate of Arts (AA), Business	Mechatronics Technician, Level 1	Certified SolidWorks Associate or Autodesk Inventor
Leadership Academy	Robotics and Animation	Robotics and Animation	2021-2022	Associate of Applied Science (AAS), Robotics and Automation	Business Certification, Level 1 Business Certification, Level 2	Entrepreneurship and Small Business (ESB) and/or Intuit QuickBooks Certified User
I.M. Terrell Academy	Robotics and Automation 2	Robotics and Automation 2	2021-2022	Associate of Applied Science (AAS), Robotics and Automation	Mechatronics Technician, Level 1	Certified SolidWorks Associate or Autodesk Inventor

					sites Crossw		T	
Gr.	-	<sup>h</sup> Grade		Grade	11 <sup>th</sup> C			Grade
Sem.	Fall English I or II	<b>Spring</b> English I or II	Fall English II or *III	Spring English II or *III	Fall English *III or *IV	<b>Spring</b> English *III or *IV	Fall English IV* or *English Elective	<b>Spring</b> English IV* or *English Electiv
	Algebra I or Geometry	Algebra I or Geometry	Geometry Algebra II	Geometry Algebra II	*Statistics	**Pre-Calculus	*Pre-Calculus	* Calculus I
	AP Human Geography	AP Human Geography	AP World History	AP World History	AP US History	AP US History	Government	Economics
	Biology	Biology	Physics or Chemistry	Physics or Chemistry	Physics or Chemistry	Physics or Chemistry	4 <sup>th</sup> Year Science	4 <sup>th</sup> Year Scienc
	PS Math	PS Math						
	Spanish I *	Spanish II*						
lo	Art Appreciatio n*	Speech *						
High School	Honors Principles of Manufacturi ng AB (MAH32201 AB)	Honors Principles of Manufacturing AB (MAH32201AB)			Dual Credit Intro to Aircraft Technology AB (TPD39401AB)		Honors Paid or Unpaid Practicum in Manufacturing AB (MAH33002AB OR MAH33012AB) OR Honors Project-Based Research AB (CPH01500AB) OR Career Prep AB (CP01300AB)	Honors Paid o Unpaid Practicum in Manufacturing AB (MAH33002AF OR MAH33012AB OR Honors Project Based Researc AB (CPH01500AB OR Career Prep AI (CP01300AB)
College	SPN 1341-3	SPN 1342			AERM 1315	PLTC 1303	AERM 1303	AERM 2359
U Hrs.	FAR 1311-3	SPC 1301			AERM 1254 Up to 5	PLTC 1291 Up to 5	Up to 3	Up to 3
115.		Robotics and Autom	ation: Composi	tes - 60+ hours	00103	00103	00103	00103

#### FOR THE GRADUATING CLASS OF 2024 and beyond

Gr.			10 <sup>th</sup> Grade		11 <sup>th</sup> Grade		12 <sup>th</sup> Grade	
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	English I or II	English I or II	English II or *III	English II or *III	English *III or *IV	English *III or *IV	English *IV or *English Elective	English *IV or *English Elective
	Algebra I or Geometry	Algebra I or Geometry	Geometry Algebra II	Geometry Algebra II	Pre-Calculus	Pre-Calculus	4 <sup>th</sup> year Math	4 <sup>th</sup> year Math
	AP Human Geography	AP Human Geography	AP World History	AP World History	AP US History	AP US History	Government	Economics
	Biology	Biology	Physics or Chemistry	Physics or Chemistry	Physics or Chemistry	Physics or Chemistry	4 <sup>th</sup> Year Science	4 <sup>th</sup> Year Science
	PS Math	PS Math						
	Spanish I	Spanish II						
loo	Art Appreciation	Speech						
High School	Honors Principles of Manufacturin g AB (MAH32201A B)	Honors Principles of Manufacturing AB (MAH32201AB)	Dual Credit Intro to Computer Aided Design and Drafting A (STD03769A) AND Dual Credit Intro to Computer Aided Design and Drafting B (STD03769B)	Dual Credit Intermediate Computer Aided Design and Drafting AB (STD03770AB)	Dual Credit Manufacturi ng Engineering Technology I A (MAD32900A)	Dual Credit Manufacturing Engineering Technology I B (MAD32900B)	Honors Paid or Unpaid Practicum in Manufacturing AB (MAH33002AB OR MAH33012AB) OR Honors Project- Based Research AB (CPH01500AB) OR Career Prep AB (CP01300AB)	Honors Paid or Unpaid Practicui in Manufacturin AB (MAH33002AB OR MAH33012AB) OR Honors Project Based Research AB (CPH01500A OR Career Prep AE (CP01300AB)
College	SPN 1341-3 FAR 1311-3	SPN 1342-3 SPC 1301-3	DFTG 1305 DFTG 1409	DFTG 2440	MCHN 1338	MCHN 2303	MCHN 2431	MCHN 2434
Hrs.	Up to 6	Up to 6 Robotics and Automat	Up to 7	Up to 4	Up to 3	Up to 3	Up to 4	Up to 4

Students who complete Principles of Manufacturing, Manufacturing Engineering Technology I, and Unpaid Practicum in Manufacturing will have met requirements for the Advanced Manufacturing and Machinery Mechanics Program of Study for a Business and Industry or STEM endorsement if the math and science requirements are met.

#### Paul Laurence Dunbar High School Associates of Applied Science Electronics Technology Robotics and Automation Robotics Technician with Mechatronics Technician level 1 Multidisciplinary Endorsement

			IVIUITI	disciplinary	y Endorser	nent		
Gr.	9 <sup>th</sup>	Grade	10 <sup>th</sup> (	Grade	11 <sup>th</sup> G	irade	12 <sup>th</sup> G	rade
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	English I or II	English I or II	English II or	English II or	English *III	English *III	English *IV or	English *IV or
	-		*	*	or *IV	or *IV	*English Elective	*English Elective
	Algebra I or	Algebra I or	Geometry or	Geometry or	*College	**Pre-	4 <sup>th</sup> Year Math	4 <sup>th</sup> Year Math
-	Geometry	Geometry	Algebra II	Algebra II	Algebra	Calculus		
	AP Human	AP Human	AP World	AP World	US History	US History	Government	Economics
	Geography	Geography	History	History			Government	Leonomies
	Biology	Biology	Physics or	Physics or	Physics or	Physics or	4 <sup>th</sup> Year Science	4 <sup>th</sup> Year Science
			Chemistry	Chemistry	Chemistry	Chemistry		
	PS Math	PS Math	PE	PE				
	Spanish I *	Spanish II *	Health					
TH 1314	Art Appreciation *	Speech *						
High School*MATH 1314	Honors Principles of Manufacturin g AB (MAH32201A B)	Honors Principles of Manufacturing AB (MAH32201AB)	Dual Credit AC/DC Electronics AB (STD36802AB) AND Dual Credit Solid State Electronics A (STD36902A)	Dual Credit Robotics I AB (STD37002AB) AND Dual Credit Solid State Electronics B (STD36902B)	Dual Credit Digital Electronics AB (STD37443AB)	Dual Credit Robotics II AB (STD37003AB)	Dual Credit Basic Fluid Power AB (MAD03683AB) AND Honors Paid or Unpaid Practicum in Manufacturing AB (MAH33002AB OR MAH33012AB) OR Honors Project- Based Research AB (CPH01500AB) OR Career Prep AB (CP01300AB)	Honors Paid or Unpaid Practicum in Manufacturing AB (MAH33002AB OR MAH33012AB) OR Honors Project- Based Research AB (CPH01500AB) OR Career Prep AB (CP01300AB)
	SPN 1341-3	SPN 1342-3	*CETT 1409	*RBTC 1351	*ENGL 1301	*ENGL 1302	*ENGL 2322	*ENGL 2323
e	FAR 1311-3	SPC 1301-3	*RBTC 1401	*MATH 2412	*CETT 1449	*HIST 1302	*GOVT 23052	*ECON 2301
College			*KINE 1102	*CETT 1441	*HIST 1301	*CETT 1445	*HYDR 1345	*ELMT 2337
S				*KINE 1164	MATH 1314	MATH 2412	*RBTC 1447	*ELPT 2455
							*CETT 2345	*RBTC 2445
Hrs.	Up to 6	Up to 6	Up to 12	Up to 12	Up to 14	Up to 14	Up to 13	Up to 13
	College Level ( Industry Certif	obotics and Automa Certification(s): Me Fication(s): Industria	chatronics Techn al Technology Ma	ician, Level 1 Cer intenance (ITM)				
*TSI cor	mpliance or TSI w	vaiver will determine	e if the course is t	aken as a Dual Cr	redit course for T	SI placement c	ourses. Juniors and seni	ors that are not TSI
met will	take AP courses	in-lieu of dual cred	it course.					

#### Paul Laurence Dunbar HS PTECH Associates of Applied Science Robotics and Automation/HS Diploma [Mechatronics Technician level 1] -Multidisciplinary Endorsement

		[Mechatronics Technician level 1] -Multidisciplinary Endorsement							
	9 <sup>th</sup> G	irade	10 <sup>th</sup>	Grade	11 <sup>th</sup> G	rade	12 <sup>th</sup> 0	irade	
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	
	English I or II	English I or II	English II or *III	English II or *III	English *III or *IV	English *III or *IV	English *IV or *English Elective	English *IV or *English Elective	
	Algebra I or Geometry	Algebra I or Geometry	Geometry or Algebra II	Geometry or Algebra II	*College Algebra	**Pre- Calculus	4 <sup>th</sup> Year Math	4 <sup>th</sup> Year Math	
	AP Human Geography	AP Human Geography	AP World History	AP World History	US History	US History	Government	Economics	
High School	Biology	Biology	Physics or Chemistry	Physics or Chemistry	Physics or Chemistry	Physics or Chemistry	4 <sup>th</sup> Year Science	4 <sup>th</sup> Year Science	
h	PS Math	PS Math	PE	PE					
Ξ	Spanish I *	Spanish II *	Health						
	Art Appreciation *	Speech *							
	Principles of Manufacturing	Principles of Manufacturing					Practicum/PROBS CareerPrep	Practicum/PROB CareerPrep	
	SPN 1341-3	SPN 1342-3	*CETT 1409- 4	*RBTC 1351-3	*ENGL 1301-3	*ENGL 1302- 3	*ENGL 2322-3	*ENGL 2323-3	
	FAR 1311-3	SPC 1301-3	*MATH 1314-3	*MATH 2412- 4	*CETT 2435-4	*RBTC 2445-4	*GOVT 23052-3	*ECON 2301-3	
College			*RBTC 1401- 4	*CETT 1441-3	*HIST 1301 -3	*HIST 1302- 3	* RBTC 1447-4	*ELMT 2337-3	
0			*KINE 1102- 1	*KINE 1164-1	*CETT 1449- 4	*CETT 1445- 4	*HYDR 1345-3	*ELPT 2455-4	
	Up to 6 hours	Up to 6 hours	Up to 12 hours	Up to 11 hours	Up to 14 hours	Up to 14 hours	Up to 13 hours	Up to 13 hours	
			Associates Dec	nd Automation gree: 60+ hours Mechatronics Tec	hnician Level 1 Cei	rtification: 30	3 hours of dual credi 3 hours of dual credi Arts/Language, Philc	t Creative	

Industry Certification(s):-Industrial Technology Maintenance (ITM)

#### COURSE DESCRIPTIONS FOR THE MANUFACTURING P-TECH

HONORS PRINCIPLES OF MANUFACTURING AB (PRINMAN AB/H)	MAH32201AB
In Principles of Manufacturing, students gain knowledge and skills in the application, design, production, and	13032200
assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing.	Grade level: 9
Knowledge and skills in the proper application of principles of manufacturing, the design of technology, the	HS Credit(s): 1
efficient production of technology, and the assessment of the effects of manufacturing production technology	
prepare students for success in the modern world. The study of manufacturing technology allows students to	
reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities,	
problems, and settings in a manufacturing setting. In addition to general academic and technical knowledge and skills, students gain an understanding of career opportunities available in manufacturing and what employers	
require to gain and maintain employment in these careers. In addition to the regular course curriculum, students	
in this honors course will complete a project using the five phases of project management used in the business	
and industry environment.	
Instructional Material: Agriculture, Construction & Manufacturing, iCEV	College Hour(s): NA
Prerequisite(s): None	Tier II
Offered only at: Dunbar (for PTECH)	
HONORS PROJECT-BASED RESEARCH AB (PROBS1 AB/H) (Available Fall 2023)	CPH01500AB
*Previously Problems and Solutions	
Students will research a real-world problem and possible solutions throughout this course. Students develop a	12701101
project on a topic related to career interests, use scientific methods of investigation to conduct in-depth	Grade level: 11-12
research, are matched with a mentor from the business or professional community, compile findings, and present	HS Credit(s): 1
their findings to an audience that includes experts in the field. This course must be cooperatively planned and	
supervised by the teacher ensuring that the student has guidance and support of a mentor or interdisciplinary	
team. The district must maintain a written project plan for each student enrolled in the course.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Specific to program focus/pathway and is the previous course in the sequence.	Tier II
Offered at: All high school campuses	CD01200AB
CAREER PREPARATION I AB (CAREERP1 AB)	CP01300AB
This course is a paid capstone experience for students who have found employment for the school year. Career Preparation I provides opportunities for students to participate in a work-based learning experience that	127011121 Grade level: 11 - 12
combines classroom instruction with paid business and industry employment experiences. It supports strong	HS Credit(s): 2
partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety	
of skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills	
applicable to their training station, job interview techniques, communication skills, financial and budget activities,	
human relations, and portfolio development. Career preparation is relevant and rigorous, supports student	
attainment of academic standards, and effectively prepares students for college and career success. A student	
must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any	
paid learning experience course. In order to receive course credit, this course requires that students make a full	
year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction, and	
are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten	
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods	
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan.	
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days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	Tier III
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II AB (CAREERP2 AB)	Tier III CP01400AB
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II AB (CAREERP2 AB) The Career Preparation II course is for those students who are taking a Career Preparation course for the second	Tier III           CP01400AB           127011122
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II AB (CAREERP2 AB) The Career Preparation II course is for those students who are taking a Career Preparation course for the second time and continue or have new employment during the duration of the course; working ten hours per week (or	Tier III           CP01400AB           127011122           Grade level: 12
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II AB (CAREERP2 AB) The Career Preparation II course is for those students who are taking a Career Preparation course for the second time and continue or have new employment during the duration of the course; working ten hours per week (or average of 20 hours across two weeks). This course provides the same opportunities and requirements as the	Tier III           CP01400AB           127011122
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II AB (CAREERP2 AB) The Career Preparation II course is for those students who are taking a Career Preparation course for the second time and continue or have new employment during the duration of the course; working ten hours per week (or average of 20 hours across two weeks). This course provides the same opportunities and requirements as the Career Preparation I course.	Tier III CP01400AB 127011122 Grade level: 12 HS Credit(s): 2
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II AB (CAREERP2 AB) The Career Preparation II course is for those students who are taking a Career Preparation course for the second time and continue or have new employment during the duration of the course; working ten hours per week (or average of 20 hours across two weeks). This course provides the same opportunities and requirements as the Career Preparation I course. Instructional Material: Contact Career and Technical Education Department for related materials Career Preparation I course.	Tier III CP01400AB 127011122 Grade level: 12 HS Credit(s): 2 College Hour(s): NA
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II AB (CAREERP2 AB) The Career Preparation II course is for those students who are taking a Career Preparation course for the second time and continue or have new employment during the duration of the course; working ten hours per week (or average of 20 hours across two weeks). This course provides the same opportunities and requirements as the Career Preparation I course. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Career Preparation I course.	Tier III CP01400AB 127011122 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier III
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II AB (CAREERP2 AB) The Career Preparation II course is for those students who are taking a Career Preparation course for the second time and continue or have new employment during the duration of the course; working ten hours per week (or average of 20 hours across two weeks). This course provides the same opportunities and requirements as the Career Preparation I course. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Career Preparation I AB CAREER PREPARATION I/AB CAREER PREPARATION I/AB	Tier III CP01400AB 127011122 Grade level: 12 HS Credit(s): 2 College Hour(s): NA Tier III CP01302AB
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II AB (CAREERP2 AB) The Career Preparation II course is for those students who are taking a Career Preparation course for the second time and continue or have new employment during the duration of the course; working ten hours per week (or average of 20 hours across two weeks). This course provides the same opportunities and requirements as the Career Preparation I course. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Career Preparation I AB CAREER PREPARATION I/AB CAREER PR	Tier III           CP01400AB           127011122           Grade level: 12           HS Credit(s): 2           College Hour(s): NA           Tier III           CP01302AB           12701305
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II AB (CAREERP2 AB) The Career Preparation II course is for those students who are taking a Career Preparation course for the second time and continue or have new employment during the duration of the course; working ten hours per week (or average of 20 hours across two weeks). This course provides the same opportunities and requirements as the Career Preparation I course. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Career Preparation I AB CAREER PREPARATION I/EXTENDED I AB (EXCAREE1 AB) This course is a paid capstone experience for students who have found employment for the school year. Career Preparation I/Extended provides opportunities for students to participate in a work-based learning experience	Tier III           CP01400AB           127011122           Grade level: 12           HS Credit(s): 2           College Hour(s): NA           Tier III           CP01302AB           12701305           Grade level: 11-12
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II AB (CAREERP2 AB) The Career Preparation II course is for those students who are taking a Career Preparation course for the second time and continue or have new employment during the duration of the course; working ten hours per week (or average of 20 hours across two weeks). This course provides the same opportunities and requirements as the Career Preparation I course. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Career Preparation I AB CAREER PREPARATION I/AB CAREER PREPARATION I/AB CAREER PREPARATION I/AB CAREER PREPARATION I/AB CAreer and Technical Education Department for related materials Prerequisite(s): Career Preparation I AB CAREER PREPARATION I/EXTENDED I AB (EXCAREE1 AB) This course is a paid capstone experience for students who have found employment for the school year. Career Preparation I/Extended provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with paid business and industry employment experiences. It supports strong	Tier III           CP01400AB           127011122           Grade level: 12           HS Credit(s): 2           College Hour(s): NA           Tier III           CP01302AB           12701305
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Prerequisite(s): None         CAREER PREPARATION II AB (CAREERP2 AB)         The Career Preparation II course is for those students who are taking a Career Preparation course for the second time and continue or have new employment during the duration of the course; working ten hours per week (or average of 20 hours across two weeks). This course provides the same opportunities and requirements as the Career Preparation I course.         Instructional Material: Contact Career and Technical Education Department for related materials         Prerequisite(s): Career Preparation I AB         CAREER PREPARATION I/EXTENDED I AB (EXCAREE1 AB)         This course is a paid capstone experience for students who have found employment for the school year. Career Preparation I/Extended provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with paid business and industry employment experiences. It supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Career preparation is relevant and rigorous, supports student	Tier III           CP01400AB           127011122           Grade level: 12           HS Credit(s): 2           College Hour(s): NA           Tier III           CP01302AB           12701305           Grade level: 11-12
days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None CAREER PREPARATION II AB (CAREERP2 AB) The Career Preparation II course is for those students who are taking a Career Preparation course for the second time and continue or have new employment during the duration of the course; working ten hours per week (or average of 20 hours across two weeks). This course provides the same opportunities and requirements as the Career Preparation I course. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Career Preparation I course. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Career Preparation I AB CAREER PREPARATION I/EXTENDED I AB (EXCAREEI AB) This course is a paid capstone experience for students who have found employment for the school year. Career Preparation I/Extended provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with paid business and industry employment experiences. It supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities,	Tier III           CP01400AB           127011122           Grade level: 12           HS Credit(s): 2           College Hour(s): NA           Tier III           CP01302AB           12701305           Grade level: 11-12

year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction, and are employed for <u>fifteen hours per week</u> (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan.

to work as long as work release does not jeopardize students' projected graduation plan.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
<u>Prerequisite(s)</u> : None	Tier III
CAREER PREPARATION II/EXTENDED (EXCAREE2 AB)	CP01402AB
The Career Preparation I/Extended course is for those students who are taking a Career Preparation course for	12701141
the second time and continue or have new employment during the duration of the course; working fifteen hours	Grade level: 12
per week (or average of 30 hours across two weeks). This course provides the same opportunities and	HS Credit(s): 3
requirements as the Career Preparation I/Extended course.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Career Preparation I	Tier III
HONORS UNPAID PRACTICUM IN MANUFACTURING AB/D (PRACMANU AB/H)	MAH33002AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13033000
activities related to the business and industry environment. See the Unpaid Practicum in Manufacturing course	Grade level: 12
lescription in the Career & Technical Education, Manufacturing section of this document.	HS Credit(s): 2
nstructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
P <u>rerequisite(s)</u> (For Welding): Welding II/d AB	Tier II
Prerequisite(s) (For Manufacturing P-Tech): Previous P-TECH Manufacturing coursework notated on crosswalk	
Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Technical, and Dunbar (P-TECH)	
HONORS PAID PRACTICUM IN MANUFACTURING/EXTENDED AB (EXPRMAN2AB/H)	MAH33012AB
n addition to the regular course curriculum, students in the honors course will complete additional projects and	13033015
ctivities related to the business and industry environment. See the Paid Practicum in Manufacturing course	Grade level: 12
lescription in the Career & Technical Education, Manufacturing section of this document.	HS Credit(s): 3
nstructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
Prerequisite(s) (For Welding): Welding II/d AB	Tier II
Prerequisite(s) (For Manufacturing P-Tech): Previous P-TECH Manufacturing coursework notated on crosswalk	
Offered at: Diamond-Hill Jarvis, South Hills, Southwest, Trimble Technical, and Dunbar (P-TECH)	
DUAL CREDIT AC/DC ELECTRONICS AB (ACDCELEC AB DC)	STD36802AB
TCC Course: (CETT 1409) DC-AC Circuits	
*Course offerings may vary each year due to availability	
n this course, students learn the fundamentals of DC circuits and AC circuits operation including Ohm's law,	13036800
Circhhoff's laws, networks, transformers, resonance, phasors, capacitive and inductive and circuit analysis	Grade level: 10-12
echniques. Emphasis on circuit simulation using PSpice. Course includes soldering techniques, hand tools, circuit	HS Credit(s): 1
abrication techniques, troubleshooting techniques and circuit analysis using Mathcad.	
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 4
Prerequisite(s): Principles of Manufacturing	Tier I
<u>ICC Prerequisite(s)</u> : MATH 0362 with a minimum grade of C or appropriate TSI Math placement score.	
Offered only at: Dunbar (P-TECH)	
DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC)	STD36902A
ICC Course: (RBTC 1401) Programmable Logic Controllers	
Course offerings may vary each year due to availability	
n this course, students will learn about programmable logic controllers (PLC). Topics include processor units,	13036900
JSER numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and	Grade level: 10-12
programming.	HS Credit(s): 0.5
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 4
Prerequisite(s): Principles of Manufacturing	Tier I
ICC Prerequisite(s): N/A	
Offered only at: Dunbar (P-TECH) and TCC South Collegiate HS (P-TECH)	
DUAL CREDIT SOLID STATE ELECTRONICS B (SOSTELEC B DC)	STD36902B
CC Course: (CETT 1441) Solid State Circuits	
Course offerings may vary each year due to availability	
n this course, students study various semiconductor devices incorporated in circuits and their applications.	13036900
Emphasis on circuit construction, measurements, and analysis.	Grade level: 10-12
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	HS Credit(s): 0.5
Prerequisite(s): Principles of Manufacturing	College Hour(s): 4
<u>ICC Prerequisite(s)</u> : CETT 1409 and MATH 0362 with a minimum grade of C or appropriate TSI Math placement	Tier I
<u>score</u> Score	-

Offered only at: Dunbar (P-TECH) and TCC South Collegiate HS (P-TECH)

DUAL CREDIT DIGITAL ELECTRONICS AB (DIGEL DC AB)     STD37443AB       "Course offerings may vary each year due to availability     13027600       Tract Course:: (CIT 1449) Digital Systems     13027600       Tradied offerings may vary each year due to availability     13027600       Tradied offerings may vary each year due to availability     13027600       Tradied offerings may vary each year due to availability     13027600       Tradied offerings may vary each year due to availability     13027600       Tradied Tradied State the Office of Innovation, Early College Programs Department for related materials.     College Hour(s): 4       Tre I     Tre I     13027000       Tradied Tradied State the Office of Innovation, Early College Programs Department for related materials.     Tre I       Tre I     13027000     Grade level: 10-12       Data Indages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion     13027000       Grade level: 0.12     College Hour(s): 3       Tre I     13027000     Grade level: 0.12       Didata Changes, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion     13027000       Grade level: 0.12     College Hour(s): 3     Tier I       Didata Changes, and gear trains. Topics include vector quantities, angular displacement, motion     College Hour(s): 3       Tre I     College Hour(s): 3     Tier I		
"Course offerings may vary each year due to availability" In this course, students will learn about electronics covering digital systems. Emphasis on application and Instis ourse, students will earn about electronics covering digital systems. Emphasis on application and Instis course, students will earn about electronics covering digital systems. Emphasis on application and Instis course, students learner scale integrated circuits ICC presequisite(2): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: Damber (P-TECH) and TCC Sourt Source offerings may vary each year due to availability In this course, students learn the application of principles and the calculation of practical problems involving four Instituctional Material: Contract the Office of Innovation, Early College Programs Department for related materials. College Hour(s): 3 The course, students learn the application of principles and the calculation of practical problems involving four Instituctional Material: Contract the Office of Innovation, Early College Programs Department for related materials. College Hour(s): 3 The Infrages. Course in the Office of Innovation, Early College Programs Department for related materials. College Hour(s): 3 The Infrages. Course in the Office of Innovation, Early College Programs Department for related materials. College Hour(s): 3 The Course (HYDR 1432) Hydraulics and Pneumatics. Components of each system, Grade level: 10-12 Instructional Material: Contract the Office of Innovation, Early College Programs Department for related materials. College Hour(s): 3 The Course (HYDR 1432) Hydraulics and Pneumatics. Components of each system, Grade level: 10-12 Instructional Material: Contract the Office of Innovation, Early College Programs Department for related materials. College Hour(s): 3 The Instructional Material: Contract the Office of Innovation, Early College Programs Department for related materials. College Hour(s): 3 The Instructional Material: Contract the Office of In		STD37443AB
In this course, students will learn about electronics covering digital systems. Emphasis on application and 1337600 Grade level: 10-12, HS Grade level: 10-12, H		
troublehooting digital systems using counters, registers, code converters, multiplexers, analog-to-digital to- analog circuits, and large-ascale integrated circuits. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Concerner, IRBTC 1351 (Nobotic State Machanisms "Cursos efficing and varue of a CCS south Colleginer K5 ( <i>P</i> -TECH) DUAL CREDIT ROBOTICS I AB (ROBOT 1AB DC) TCL Censes, itself and TCCS south Colleginer K5 ( <i>P</i> -TECH) DUAL CREDIT ROBOTICS I AB (ROBOT 1AB DC) TCL course, itself and TCCS south Colleginer K5 ( <i>P</i> -TECH) DUAL CREDIT ROBOTICS I AB (ROBOT 1AB DC) TCL course, itself and trains. Topics include vector quantities, angular displacement, motion for Binticulasis, and motions. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. College Hour(s): 3 Tier I Tier I		
analog crients, and large-scale integrated creats. HS Creditors: 1 Instructional Material: Contract the Office of Innovation, Early College Programs Department for related materials. College Hour(s): 4 Ter 1 CC Prescupited/WATH 0352 work for the AD Office of Innovation, Early College Programs Department for related materials. College Hour(s): 4 Ter 1 DUAL CREDIT DROBOTICS 1 AB (ROBOT 1 AB O) To Course: (RBTC 1351) Robotics Mechanisms Course offering, may vary each year due to availability Instructional Material: Contract the Office of Innovation, Early College Programs Department for related materials. College Hour(s): 3 Ter 1 TCC Course: (RBTC 1351) Robotics Mechanisms Course offering, may vary each year due to availability Instructional Material: Contract the Office of Innovation, Early College Programs Department for related materials. College Hour(s): 3 Ter 1 TCC Course: (NTPN 1345) Hypoteness (Part 1 and Part 1 and P		
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         College Hour(s): 4           Tererequisities(): MATH 0362 with a minimum grade of C or appropriate T51 Math placement score.         Offend only or London (PT-ECH)           DIAL CREDIT ROBOTICS I AB (ROBOT 1AB DC)         STD37002AB           Tocce ordering may vary early and act to a dialokity         13037000           Dia Inlange, Cames, IRBTC 1351) Robotics Mechanisms         Grade level: 10-12           Course students learn the application of principles and the calculation of practical problems involving four binkings.         13037000           Dia Inlange, Cames and the order trans. Topics include vector quantities, angular displacement, motion         Grade level: 10-12           Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         College Hour(s): 3           Tier I         Tier I         College Hour(s): 4           Trans of the diagenetic in the diagenetic in the diagenetic in the diagenetic in the order of the order in the diagenetic in t		
Percentional Materials         Tier I           CC Preventionality Math 1032/with a minimum grade of C or appropriate TSI Math placement score.         Offered only at: Dunbar (P-TECH) and TCC South Collegiate HS (P-TECH)           DUAL CREDIT ROBOTICS I AB (ROBOT 1AB DC)         STD37002AB           TCC Course: (RBTC 1351) Robotics Mechanisms         "13037000           "Course offerings may vary each year due to availability"         13037000           In this course, students learn the application of principles and the calculation of practical problems involving four the concepts, velocities, and machines.         13037000           Tier I         College Hourds: 3         Tier I           Offered only at: Dunbar (P-TECH) and TCC South Collegiate HS (P-TECH)         MAD03683AB         College Hourds: 3           Tier I         TCC Thereausisted; None         Tier I         Tier I           TCC Course: (HYDR 1345) Hydraulics and Pneumatics         MAD03683AB         College Hourds: 3           Treequisited; None         Tier I         Tier I           CCC Course: (HYDR 1345) Hydraulics and pneumatics.         Grade level: 10-12           Course differing may vary each year due to availability         In this course, students learn the fundamentals of hydraulics and pneumatics.         Grade level: 10-12           Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         KS Credit(S): 1      <		
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concepts, velocities, and motions.       H5 Credit(g): 1         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       College Hour(g): 3         Tice Prerequisite(g): None       Tier I         TCC-Prerequisite(g): None       MAD03663AB         TCC course: (HYDR 1345) Hydraulics and Pneumatics       MAD03663AB         "Course offentions may vary each year due to availability       N1303663         In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and the operations, maintenance, and analysis of each system.       N1303663         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       H5 Credit(g): 1         College Hour(s): 3       Tier I         Offered only at Dunbar (P-TECH)       STD37003AB         TCC Course: (RBTC 2445) Robot Application, Set-up, and Testing       Tier I         Totactional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       Scredit(g): 1         College Hour(s): 3       Tier I       13037050         Tistructional Mater		
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ICC Prereguistic(s): NATH 1332         Offered only at: Dunbar (P-TECH) and TCC South Collegiate HS (P-TECH)         DVAL CREDT BASIC FLUID POWER AB (BASICFP AB DC)         MAD03683AB         *Course (HYDR 1345) Hydraulics and Pneumatics         *Course offerings may vary each year due to availability         In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and the operations, maintenance, and analysis of each system.       N1303683         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       N1303683         TCC Prerequisite(s): Principles of Manufacturing       Tier I         Offered only at: Dunbar (P-TECH)       StD37003AB         TCC Course: (RBTC 2445) Robot Application, Set-up, and Testing       StD37050         "Course offerings may vary each year due to availability       13037050         In this course, students engage in a capstone course that provides the student with laboratory experience in the installation, set-up, and testing of robotic cells. Topics include maintenance.       IS Credit(s): 1         Cherequisite(s): NA       Grade level: 10-12         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       HS Credit(s): 1         Cherequisite(s): NA       Tier I       StD037050         Grade level: 10-12       Instructional Material: Contact the Office of Innovatio		-
Offered only at: Dunbar (P-TECH) and TCC South Collegiate H5 (P-TECH)       MAD3683AB         TCC Course: (HYDR 1345) Hydraulics and Pneumatics       MAD3683AB         "CC course: (HYDR 1345) Hydraulics and Pneumatics       Grade level: 10-12         In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and the operations, maintenance, and analysis of each system.       N1303683         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       HS Credit(s): 1         Exercausite(s): NA       College Hour(s): 3       Tier I         Offered only at: Dunbar (P-TECH)       STD37003AB       STD37003AB         TCC Course: (RBTC 2445) Robot Application, Set-up, and Testing       "Course offerings may vary each year due to availability       13037050         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       HS Credit(s): 1         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       HS Credit(s): 1         College Hour(s): A       Tier I       College Hour(s): A       Tier I         Offered only at: Dunbar (P-TECH)       Tier I       College Hour(s): A       Tier I         DUAL CREDIT INTRODUCTION TO COMPUTER AIDED DESIGN AND DRAFTING A       STD03769A       STD03769A         (INTRCADD A DC)       Course offerings		
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TCC Course: (HYDR 1345) Hydraulics and Pneumatics       **Course offerings may vary each year due to availability       N1303683         In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and the operations, maintenance, and analysis of each system.       N1303683       Grade level: 10-12         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       HS Credit(s): 1       College Hour(s): 3         TCC Prerequisite(s): Principles of Manufacturing       Tier I       Tier I         Offered only at: Dumbar (P-TECH)       Tier I       Tier I         DUAL CREDIT ROBOTICS II AB (ROBOTIC 2AB DC)       STD37003AB         CCurses (RBTC 2445) Robot Application, Set-up, and Testing       "Course offerings may vary each year due to availability"         In this course, students engage in a capstone course that provides the student with laboratory experience in the installation, set-up, and testing of robotic cells. Topics include maintenance.       Tig 307050         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       Precequisite(s): 1         College Hour(s): A       Tier I         DUAL CREDIT INTRODUCTION TO COMPUTER AIDED DESIGN AND DRAFTING A       STD3769A         (INTRCADD A DC)       Grade level: 10-12         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       Prece		MAD03683AB
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In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and the operations, maintenance, and analysis of each system. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. H5 Credit(s): 1 College Hour(s): 3 Tier I College Hour(s): 4 Tier I College Hour(s): 5 To 37003AB CCC Course: (BTC 2445) Robot Application, Set-up, and Testing "Course offerings may vary each year due to availability In this course, students engage in a capstone course that provides the student with laboratory experience in the Installation, set-up, and testing of robotic cells. Topics include maintenance. Grade level: 10-12 Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. H5 Credit(s): 1 College Hour(s): 4 Tier I College Hour(s): 5 Tite I College Hour(s): 4 Tier I College Hour(s): 5 Tite I College Hour(s): 4 Tier I College Hour(s): 5 Tite I College Hour(s): 5 Tite I College Hour(s): 5 Tite I College Hour(s): 6 Tite I College Hour(s): 7 Tier I College I Innovation, Early College Programs Department for related materials. H5 Credit(s): 0.5 Credit(s): 0		
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Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. HS Credit(s): 1 College Hour(s): 3 Tier 1 College Hour(s): 3 Tier 1 College Hour(s): 3 Tier 1 CC Creares: (RBTC 2445) Robot Application, Set-up, and Testing "Course offerings may vary each year due to availability In this course, students engage in a capstone course that provides the student with laboratory experience in the installation, set-up, and testing of robotic cells. Topics include maintenance. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): Principles of Manufacturing, Robotics 1 CC Creares (IPTG 1305) Technical Drafting "Course offerings may vary each year due to availability DUAL CREDIT INTRODUCTION TO COMPUTER AIDED DESIGN AND DRAFTING A (INTRCADD A DC) CC Course: (DFTG 1305) Technical Drafting "Course offerings may vary each year due to availability In this course, students get an introduction to reading, interpreting, and developing technical drawings, including "Course offerings may vary each year due to availability In this course, students get an introduction to reading, interpreting, and developing technical drawings, including the principles of drafting and computer-aided design. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Freequisite(s): Pinciples of Manufacturing CC Prerequisite(s): Pinciples of Manufacturing CC Prerequisite(s): Pinciples of Manufacturing TCC Creares (DFTG 1409) Basic Computer-Aided Drafting "Course offerings may vary each year due to availability In this course, students get an introduction to computer-aided drafting. Emphasis is placed on setup; creating and modifying geometry, storing and retrieving predefined shapes; placing, rotating, and scaling objects, adding and modifying geometry, storing and retrieving predefined shapes; placing, notating, and scaling objects, adding and modifying geometry, stori		
Prerequisite(s): Principles of Manufacturing       College Hour(s): 3         TCC Prerequisite(s): NA       Tier I         DVAL CREDIT ROBOTICS II AB (ROBOTIC 2AB DC)       STD37003AB         *Course (RBTC 2445) Robot Application, Set-up, and Testing       *Course offerings may vary each year due to availability         In this course, students engage in a capstone course that provides the student with laboratory experience in the installation, set-up, and testing of robotic cells. Topics include maintenance.       13037050         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       KS Credit(s): 1         Crereequisite(s): Principles of Manufacturing, Robotics I       College Hour(s): 4       College Hour(s): 4         TCC Prerequisite(s): Principles of Manufacturing, Robotics I       College Hour(s): 4       College Hour(s): 4         TCC Prerequisite(s): Principles of Manufacturing, Robotics I       Tier I       College Hour(s): 4         TCC Course: (DFTG 1305) Technical Drafting       *Course offerings may vary each year due to availability       N1303769         The tourispice of drafting and computer-aided design.       N1303769       Grade level: 10-12         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       KS Credit(s): 0.5         Colrea offerings may vary each year due to availability       Tier I       College Hour(s): 3         I		
ICC Prerequisite(s): NA       Tier I         Offered only at: Dunbar (P-TECH)       STD37003AB         TCC Course: (RBTC 2445) Robot Application, Set-up, and Testing       *Course offerings may vary each year due to availability         In this course, students engage in a capstone course that provides the student with laboratory experience in the installation, set-up, and testing of robotic cells. Topics include maintenance.       I3037050         Installation, set-up, and testing of robotic cells. Topics include maintenance.       Grade level: 10-12         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       HS Credit(s): 1         CCP rerequisite(s): Principles of Manufacturing, Robotics I       College Hour(s): 4         TCC Course: (DFTG 1305) Technical Drafting       *Tier I         *Course offerings may vary each year due to availability       N1303769         In this course, students get an introduction to reading, interpreting, and developing technical drawings, including       N1303769         Ter I       College Hour(s): 3       Tier I         Offered only at: Dunbar (P-TECH)       Tier I         UNTRCADD A DC)       Structional drawings, including       N1303769         Create: (bFTG 1305) Technical Drafting       *Course offerings may vary each year due to availability       N1303769         In this course, students get an introduction to computeralided drafting. Emphasis is placed on setup; c		.,
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DUAL CREDIT ROBOTICS II AB (ROBOTIC 2AB DC)         STD37003AB           TCC Course: (RBTC 2445) Robot Application, Set-up, and Testing         *           *Course offerings may vary each year due to availability         13037050           In this course, students engage in a capstone course that provides the student with laboratory experience in the installation, set-up, and testing of robotic cells. Topics include maintenance.         13037050           Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         HS Credit(s): 1           Prerequisite(s): Principles of Manufacturing, Robotics I         College Hour(s): 4         Tier I           Offered only at: Dunbar (P-TECH)         STD3769A         STD3769A           UNIXCADD A DC)         STD3769A         N1303769           TCC Course: (DFTG 1305) Technical Drafting         *Course offerings may vary each year due to availability         STD3769A           In this course, students get an introduction to reading, interpreting, and developing technical drawings, including         N1303769         Streed (evel: 10-12           Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         Free evel: 10-12         HS Credit(s): 0.5           Correage offerings may vary each year due to availability         College Hour(s): 3         Tier I           Offered only at: Dunbar (P-TECH)         College Hour(s): 3         Tier I </td <td></td> <td></td>		
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Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       HS Credit(s): 0.5         Prerequisite(s): Principles of Manufacturing       College Hour(s): 3         TCC Prerequisite(s): NA       Tier I         Offered only at: Dunbar (P-TECH)       STD03769B         INTRCADD B DC)       STD03769B         TCC Course: (DFTG 1409) Basic Computer-Aided Drafting       STD03769B         *Course offerings may vary each year due to availability       N1303769         In this course, students get an introduction to computer-aided drafting. Emphasis is placed on setup; creating and modifying geometry; storing and retrieving predefined shapes; placing, rotating, and scaling objects, adding text and dimensions, using layers, coordinate systems, and plot/print to scale.       N1303769         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       College Hour(s): 4         Prerequisite(s): Principles of Manufacturing       College Hour(s): 4         Tier I       Tier I		
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TCC Prerequisite(s): NA       Tier I         Offered only at: Dunbar (P-TECH)       STD03769B         DUAL CREDIT INTRODUCTION TO COMPUTER AIDED DESIGN AND DRAFTING B       STD03769B         (INTRCADD B DC)       TCC Course: (DFTG 1409) Basic Computer-Aided Drafting       STD03769B         *Course offerings may vary each year due to availability       N1303769       Stable 10-12         In this course, students get an introduction to computer-aided drafting. Emphasis is placed on setup; creating and modifying geometry; storing and retrieving predefined shapes; placing, rotating, and scaling objects, adding text and dimensions, using layers, coordinate systems, and plot/print to scale.       N1303769       Grade level: 10-12         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       College Hour(s): 4       Tier I         Prerequisite(s): DFTG 1305       DFTG 1305       Naufacturing       Tier I		.,
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*Course offerings may vary each year due to availability       N1303769         In this course, students get an introduction to computer-aided drafting. Emphasis is placed on setup; creating and modifying geometry; storing and retrieving predefined shapes; placing, rotating, and scaling objects, adding text and dimensions, using layers, coordinate systems, and plot/print to scale.       N1303769         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       College Hour(s): 4         Prerequisite(s): Principles of Manufacturing       Tier I         TCC Prerequisite(s): DFTG 1305       Tier I		
In this course, students get an introduction to computer-aided drafting. Emphasis is placed on setup; creating and modifying geometry; storing and retrieving predefined shapes; placing, rotating, and scaling objects, adding text and dimensions, using layers, coordinate systems, and plot/print to scale.N1303769 Grade level: 10-12 HS Credit(s): 0.5Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.College Hour(s): 4 Tier IPrerequisite(s): DFTG 1305TIER 1		
and modifying geometry; storing and retrieving predefined shapes; placing, rotating, and scaling objects, adding text and dimensions, using layers, coordinate systems, and plot/print to scale.Grade level: 10-12 HS Credit(s): 0.5Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.College Hour(s): 4 Tier ITCC Prerequisite(s): DFTG 1305Tier I		N1303769
text and dimensions, using layers, coordinate systems, and plot/print to scale.       HS Credit(s): 0.5         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       College Hour(s): 4         Prerequisite(s): Principles of Manufacturing       Tier I         TCC Prerequisite(s): DFTG 1305       Tier I		
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.       College Hour(s): 4         Prerequisite(s): Principles of Manufacturing       Tier I         TCC Prerequisite(s): DFTG 1305       Tier I		
Prerequisite(s): Principles of Manufacturing     Tier I       TCC Prerequisite(s): DFTG 1305     Tier I		
TCC Prerequisite(s): DFTG 1305		-
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DUAL CREDIT INTERMEDIATE COMPUTER AIDED DESIGN AND DRAFTING AB	STD03770AB
(INTMCADD AB DC)	
TCC Course: (DFTG 2440) Solid Modeling/Design	
*Course offerings may vary each year due to availability	
In this course, students learn the development of three-dimensional drawings and models from engineering	N1303770
sketches and orthographic drawings and utilization of three-dimensional models in design work.	Grade level: 10-12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	HS Credit(s): 1
Prerequisite(s): Principles of Manufacturing	College Hour(s): 4
<u>TCC Prerequisite(s)</u> : None	Tier I
Offered only at: Dunbar (P-TECH)	
DUAL CREDIT MANUFACTURING ENGINEERING TECHNOLOGY I A (MANENGT1 A DC)	MAD32900A
TCC Course: (MCHN 1338) Basic Machine Shop I *Course offerings may vary each year due to availability	
In this course, students are introduced to machining fundamentals. The student will use basic machine tools	13032900
including the lathe, milling machine, drill press, power saw, and bench grinder. Machine terminology, theory,	Grade level: 10-12
math, part layout, and bench work using common measuring tools is included. Emphasis is placed on shop	HS Credit(s): 0.5
safety, housekeeping, and preventative maintenance.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 3
Prerequisite(s): Principles of Manufacturing	Tier I
TCC Prerequisite(s): DFTG 1305 and DFTG 1409	
Offered only at: Dunbar (P-TECH)	
DUAL CREDIT MANUFACTURING ENGINEERING TECHNOLOGY I B (MANENGT1 B DC)	MAD32900B
TCC Course: (MCHN 2303) Fundamentals of CNC Machine Controls	
*Course offerings may vary each year due to availability	
In this course, students are introduced to programming and operation of Computer Numerical Controlled (CNC)	13032900
machine shop equipment.	<u> </u>
	Grade level: 10-12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	Grade level: 10-12 HS Credit(s): 0.5
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. <u>Prerequisite(s)</u> : Principles of Manufacturing	HS Credit(s): 0.5 College Hour(s): 3
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. <u>Prerequisite(s)</u> : Principles of Manufacturing <u>TCC Prerequisite(s)</u> : DFTG 1305 and DFTG 1409	HS Credit(s): 0.5
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. <u>Prerequisite(s)</u> : Principles of Manufacturing <u>TCC Prerequisite(s)</u> : DFTG 1305 and DFTG 1409	HS Credit(s): 0.5 College Hour(s): 3
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. <u>Prerequisite(s)</u> : Principles of Manufacturing <u>TCC Prerequisite(s)</u> : DFTG 1305 and DFTG 1409 <u>Offered only at: Dunbar (P-TECH)</u>	HS Credit(s): 0.5 College Hour(s): 3
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. <u>Prerequisite(s)</u> : Principles of Manufacturing <u>TCC Prerequisite(s)</u> : DFTG 1305 and DFTG 1409 <u>Offered only at: Dunbar (P-TECH)</u> <b>DUAL CREDIT INTRODUCTION TO AIRCRAFT TECHNOLOGY AB (INAIRTEC AB DC)</b>	HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b>
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. <u>Prerequisite(s)</u> : Principles of Manufacturing <u>TCC Prerequisite(s)</u> : DFTG 1305 and DFTG 1409 <u>Offered only at: Dunbar (P-TECH)</u> <b>DUAL CREDIT INTRODUCTION TO AIRCRAFT TECHNOLOGY AB (INAIRTEC AB DC)</b> <b>TCC Course: (AERM 1315) Aviation Science</b> *Course offerings may vary each year due to availability	HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b>
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): Principles of Manufacturing TCC Prerequisite(s): DFTG 1305 and DFTG 1409 Offered only at: Dunbar (P-TECH) <b>DUAL CREDIT INTRODUCTION TO AIRCRAFT TECHNOLOGY AB (INAIRTEC AB DC)</b> <b>TCC Course: (AERM 1315) Aviation Science</b> *Course offerings may vary each year due to availability In this course, students learn the fundamentals of mathematics, physics, and drawings as they apply to aircraft	HS Credit(s): 0.5 College Hour(s): 3 Tier I TPD39401AB
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): Principles of Manufacturing TCC Prerequisite(s): DFTG 1305 and DFTG 1409 Offered only at: Dunbar (P-TECH) <b>DUAL CREDIT INTRODUCTION TO AIRCRAFT TECHNOLOGY AB (INAIRTEC AB DC)</b> <b>TCC Course: (AERM 1315) Aviation Science</b> *Course offerings may vary each year due to availability In this course, students learn the fundamentals of mathematics, physics, and drawings as they apply to aircraft principles and operations as required by the Federal Aviation Administration (FAA) for airframe and powerplant	HS Credit(s): 0.5 College Hour(s): 3 Tier I TPD39401AB 13039350
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): Principles of Manufacturing TCC Prerequisite(s): DFTG 1305 and DFTG 1409 Offered only at: Dunbar (P-TECH) <b>DUAL CREDIT INTRODUCTION TO AIRCRAFT TECHNOLOGY AB (INAIRTEC AB DC)</b> <b>TCC Course: (AERM 1315) Aviation Science</b> *Course offerings may vary each year due to availability In this course, students learn the fundamentals of mathematics, physics, and drawings as they apply to aircraft principles and operations as required by the Federal Aviation Administration (FAA) for airframe and powerplant	HS Credit(s): 0.5 College Hour(s): 3 Tier I TPD39401AB 13039350 Grade level: 10-12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): Principles of Manufacturing <u>TCC Prerequisite(s)</u> : DFTG 1305 and DFTG 1409 Offered only at: Dunbar (P-TECH) <b>DUAL CREDIT INTRODUCTION TO AIRCRAFT TECHNOLOGY AB (INAIRTEC AB DC)</b> <u>TCC Course: (AERM 1315) Aviation Science *Course offerings may vary each year due to availability</u> In this course, students learn the fundamentals of mathematics, physics, and drawings as they apply to aircraft principles and operations as required by the Federal Aviation Administration (FAA) for airframe and powerplant mechanics. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	HS Credit(s): 0.5 College Hour(s): 3 Tier I TPD39401AB 13039350 Grade level: 10-12 HS Credit(s): 1
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): Principles of Manufacturing TCC Prerequisite(s): DFTG 1305 and DFTG 1409 Offered only at: Dunbar (P-TECH) <b>DUAL CREDIT INTRODUCTION TO AIRCRAFT TECHNOLOGY AB (INAIRTEC AB DC)</b> <b>TCC Course: (AERM 1315) Aviation Science</b> *Course offerings may vary each year due to availability In this course, students learn the fundamentals of mathematics, physics, and drawings as they apply to aircraft principles and operations as required by the Federal Aviation Administration (FAA) for airframe and powerplant mechanics.	HS Credit(s): 0.5 College Hour(s): 3 Tier I TPD39401AB 13039350 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3

Offered only at: Dunbar (P-TECH)

		The C	· · · · ·		y offers two (2) C	areer Focuses.		
			East	tern Hills I	High School			
			Cybers	ecurity P- <sup>-</sup>	<b>TECH</b> Acader	ny		
			Cyb	persecurity	/ Crosswalk	-		
Gr.	9 <sup>th</sup> Gra	de	10 <sup>th</sup> G	10 <sup>th</sup> Grade		ade	12 <sup>th</sup>	Grade
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	English I	English I	English II	English II	English III	English III	English IV	English IV
	World Geography	World Geography	World History	World History	US History	US History	US Government	Economics
	Algebra I or Geometry	Algebra I or Geometry	Geometry or Algebra II	Geometry or Algebra II	Algebra II or Pre- Calculus	Algebra II or Pre-Calculus	Calculus or Pre-Calculus	Calculus or Pre- Calculus
	Biology	Biology	Chemistry	Chemistry	Physics	Physics	Advanced Science	Advanced Science
0	Health	PE	Dual Credit Fine Arts	Dual Credit Speech	PE			
High School	Dual Credit Principles of IT AB (ITD27201AB) AND Dual Credit Computer Maintenance I AB (ITD27302AB)	Dual Credit Foundations of Cybersecurity AB (ITD27904AB) AND Dual Credit Networking AB (ITD27402AB)	Dual Credit Computer Science II AB (TAD2153AB)	Dual Credit Fundamentals of Computer Science AB (TAD2140AB)	Dual Credit Internetworking Technologies 1A (ITD28012A) AND Dual Credit Digital Forensics A (TAD80360A)	Dual Credit Internetwork- ing Technologies 1B (ITD28012B)	Dual Credit Digital Forensics B (TAD80360B)	Dual Credit Cybersecurity Capstone AB (ITD27900AB)
	AVID 1	AVID 1	AVID 2	AVID 2	1 Student Choice	2 Student Choices	2 Student Choices	3 Student Choices
	COSC 1301 <sup>a</sup>	CPMT1403	ITNW 1425	ITSY 1300	ITSY 2400 <sup>a</sup>	ITSY 2401 <sup>a</sup>	ITSY 2342 <sup>b</sup>	ITSY 2459
College		ITNW 1309	ARTS 1301 <sup>4</sup> or DRAM 1310 <sup>4</sup> or MUSI 1310 <sup>4</sup>	SPCH 1311 <sup>2</sup> or SPCH 1315 <sup>2</sup> or SPCH 1321 <sup>2</sup>	ITSY 2341 <sup>a</sup> MATH 1314 <sup>3</sup> or MATH 1316 <sup>3</sup> or MATH 2412 <sup>3</sup> or MATH 2413 <sup>3</sup>	ITSY 2330ª	ITSY 2372 <sup>b</sup> MATH 1314 <sup>3</sup> or MATH 1316 <sup>3</sup> or MATH 2412 <sup>3</sup> or MATH 2413 <sup>3</sup>	PSYC 2301 <sup>5</sup> or ECON 2301 <sup>5</sup> or SOCI 1301 <sup>5</sup>
					ENGL 1301 <sup>1</sup>	ENGL 1302 or ENGL 2311	ENGL 1301 <sup>1</sup>	ENGL 1302 or ENGL 2311
Hrs.	Up to 6	Up to 7	Up to 7	Up to 7	Up to 14	Up to 10	Up to 13	Up to 10
College 27 hour *TSI con Credit of Student Internet require	te Degree: AAS Cyle E Level Certification( rs; Ethical Hacking, Le mpliance or TSI waive course for TSI placeme ts who complete Prince tworking Technologie ments for the Cyberse y or STEM endorseme	(s): Cybersecurity S vel 2 certification r will determine if ent courses. ciples of IT, Found is I, and Cybersecu ecurity Program of	Specialist, Level I - 47 hours the course is tak ations of Cyberse irity Capstone wil Study for a Busi	en as a Dual ecurity, Il have met ness and		•		

## **FOR THE GRADUATING CLASS OF 2024 and beyond** The Cybersecurity P-TECH Academy offers two (2) Career Focuses.

				rn Hills Hig				
			-	curity P-TEC ramming C		iy		
Gr.	9 <sup>th</sup> Gi	rade		Grade		Grade	12 <sup>th</sup>	Grade
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	English I	English I	English II	English II	English III	English III	English IV	English IV
	World Geography	World Geography	World History	World History	US History	US History	US Government	Economics
	Algebra I or Geometry	Algebra I or Geometry	Geometry or Algebra II	Geometry or Algebra II	Algebra II or Pre-Calculus	Algebra II or Pre-Calculus	Calculus or Pre-Calculus	Calculus or Pre-Calculus
	Biology	Biology	Chemistry	Chemistry	Physics	Physics	Advanced Science	Advanced Science
	Health	PE	Fine Arts	Speech	PE			
High School	Dual Credit Principles of IT AB (ITD27201AB) AND Dual Credit Computer Maintenance IAB (ITD27302AB)	Dual Credit Foundations of Cybersecurity AB (ITD27904AB) AND Dual Credit Networking AB (ITD27402AB)	Dual Credit Computer Science II AB (TAD2153AB)	Dual Credit Fundamentals of Computer Science AB (TAD2140AB)	Dual Credit Computer Science III AB (TAD2155AB)	Dual Credit Independent Study in Technology Applications AB (TAD2144AB)		Dual Credit Engineering Applications of Computer Science Principles AB (STD03772AB)
	AVID 1	AVID 1	AVID 2	AVID 2	1 Student	2 Student	3 Student	3 Student
					Choice	Choice	Choice	Choice
	COSC 1301 <sup>a</sup>	CPMT 1403 ITNW 1309	COSC 1436 ITNW 1425	ITSY 1300	ITSE-1479 <sup>a</sup> COSC 1437 <sup>a</sup>	ITSE-2417 <sup>a</sup> COSC-2436 <sup>b</sup>	ITSE-2409 <sup>b</sup>	ITSE-1450 <sup>b</sup>
College			ARTS 1301 <sup>4</sup> or DRAM 1310 <sup>4</sup> or MUSI 1310 <sup>4</sup>	SPCH 1311 <sup>2</sup> or SPCH 1315 <sup>2</sup> or SPCH 1321 <sup>2</sup>	MATH 1314 <sup>3</sup> or MATH 1316 <sup>3</sup> or MATH 2412 <sup>3</sup> or MATH 2413 <sup>3</sup>		MATH 1314 <sup>3</sup> or MATH 1316 <sup>3</sup> or MATH 2412 <sup>3</sup> or MATH 2413 <sup>3</sup>	PSYC 2301 <sup>5</sup> or ECON 2301 <sup>5</sup> or SOCI 1301 <sup>5</sup>
					ENGL 1301 <sup>1</sup>	ENGL 1302 or ENGL 2311	ENGL 1301 <sup>1</sup>	ENGL 1302 or ENGL 2311
Hrs.	Up to 6	Up to 7	Up to 7	Up to 7	Up to 15	Up to 11	Up to 11	Up to 10
College Prograr *TSI con Credit c Student Scie App Soft	AAS-Programmin E Level Certification nming II, Level 2 – 4 mpliance or TSI waiv course for TSI placer ts who complete Fun- ence II, Computer Sco- plications will have n tware Development M endorsement if th	n(s): Programming /5 hours /er will determine i nent courses. ndamentals of Cor cience III, and Inden net requirements f Program of Study	if the course is tal nputer Science, C pendent Study in for the Programm for a Business an	ken as a Dual omputer Technology ing and d Industry or				

#### COURSE DESCRIPTIONS FOR THE CYBERSECURITY P-TECH

DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB)	ITD27201AB
TCC Course: (COSC 1301) Introduction to Computing +	
<u>*Course offerings may vary each year due to availability</u> Students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace.	13027200
Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace	Grade level: 9 - 10
environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply	HS Credit(s): 1
them to the information technology environment. Additionally, students will learn an overview of computer	
systems-hardware, operating systems, the Internet, and application software including word processing,	
spreadsheets, presentation graphics, and databases. Current topics such as the effect of computers on society,	
and the history and use of computers in business, educational, and other interdisciplinary settings are also	
studied. This course is not intended to count toward a student's major field of study in business or computer	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): None	College Hour(s): 3 <b>Tier I</b>
<u>Corequisites</u> : Dual Credit Computer Maintenance AB	Tier I
<u>TCC Prerequisite(s)</u> : None	
Course taught by a TCC-approved adjunct instructor	
Offered only at: Diamond Hill Jarvis (P-TECH), Eastern Hills (P-TECH), South Hills (P-TECH), and TCC South	
Collegiate (P-TECH)	
DUAL CREDIT FUNDAMENTALS OF COMPUTER SCIENCE AB (TAFCS DC AB)	TAD2140AB
TCC Course: (CPMT 1403) Introduction to Computer Technology	
*Course offerings may vary each year due to availability	
Students will gain an understanding of current personal computer hardware including assembly, upgrading,	03580140
setup, configuration, and troubleshooting.	Grade level: 10 – 12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	HS Credit(s): 1
<u>FWISD Prerequisite(s)</u> : None	College Hour(s): 4
<u>TCC Prerequisite(s)</u> : None	Tier I
Course taught by a TCC-approved adjunct instructor Offered at: Eastern Hills (P-TECH) and South Hills (P-TECH)	
DUAL CREDIT FOUNDATIONS OF CYBERSECURITY AB (FODCYBER AB DC)	ITD27904AB
TCC Course: (ITSY 1300) Fundamentals of Information Security	II DZI JUHAD
*Course offerings may vary each year due to availability	
Students will develop the knowledge and skills needed to explore fundamental concepts related to the ethics,	03580850
laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and	Grade level: 9
vulnerabilities. Students will review and explore security policies designed to mitigate risks. The skills obtained in	HS Credit(s): 1
this course prepare students for additional study in cybersecurity. A variety of courses are available to students	
interested in this field. Foundations of Cybersecurity may serve as an introductory course in this field of study.	
Additionally, the college course will introduce students to information security including vocabulary and	
terminology, ethics, the legal environment, and risk management. Identification of exposures and vulnerabilities	
and appropriate countermeasures are addressed. The importance of appropriate planning, policies and controls	
is also discussed. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 3
FWISD Prerequisite(s): None	Tier I
<u>Corequisites</u> : Dual Credit Networking AB	
TCC Prerequisite(s): None	
Course taught by a TCC-approved adjunct instructor	
Offered only at: Eastern Hills (P-TECH)	
DUAL CREDIT NETWORKING AB (NTWRK DC AB)	ITD27402AB
TCC Course: (ITNW 1425) Fundamentals of Networking Technologies	
*Course offerings may vary each year due to availability	
Students will develop knowledge of the concepts and skills related to data networking technologies and practices	13027400
in order to apply them to personal or career development. To prepare for success, students will have	Grade level: 10 – 11
opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.	HS Credit(s): 1
Additionally, students receive Instruction in networking technologies and their implementation. Topics include	
the OSI reference model, network protocols, transmission media, and networking hardware and software. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 4
<u>Prerequisite(s)</u> : Dual Credit Computer Maintenance	Tier I
<u>Corequisites:</u> Dual Credit Foundations of Cybersecurity AB	
<u>TCC Prerequisite(s)</u> : ITSC 1305 Introduction to PC Operating Systems	
Course taught by a TCC-approved adjunct instructor	
Offered only at: Eastern Hills (P-TECH) and South Hills (P-TECH)	

DUAL CREDIT COMPUTER SCIENCE II (TACS 2 DC AB)	TAD2153AB
FCC Course: (COSC 1436) Programming Fundamentals I+	
Course offerings may vary each year due to availability	
Computer Science I will foster students' creativity and innovation by presenting opportunities to design, mplement, and present meaningful programs through a variety of media. Students will collaborate with one nother, their instructor, and various electronic communities to solve the problems presented throughout the ourse. Through data analysis, students will identify task requirements, plan search strategies, and use computer cience concepts to access, analyze, and evaluate information needed to solve problems. By using computer cience knowledge and skills that support the work of individuals and groups in solving problems, students will elect the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and espect. Students will gain an understanding of the principles of computer science through the study of echnology operations, systems, and concepts. Additionally, will be introduced to the fundamental concepts of tructured programming and provides a comprehensive introduction to programming for computer science and echnology majors. Topics include software development methodology, data types, control structures, functions, irrays, and the mechanics of running, testing, and debugging. This course assumes computer literacy. This course	03580300 Grade level: 10 HS Credit(s): 1
included in the Field of Study Curriculum for Computer Science.	
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. <u>WISD Prerequisite(s)</u> : Dual Credit Principles of IT AB <u>CC Prerequisite(s)</u> : COSC 1301 Introduction to Computing + <u>Course taught by a TCC-approved adjunct instructor</u>	College Hour(s): 4 <b>Tier I</b>
Offered only at: Eastern Hills (P-TECH) and South Hills (P-TECH)	TADALELAD
DUAL CREDIT COMPUTER SCIENCE III (TACS 3 DC AB)	TAD2155AB
<b>FCC Course: (COSC 1437) Programming Fundamentals II +</b> Course offerings may vary each year due to availability	
Students learn advanced skills in programming languages and structured programming techniques through the use of advanced data structures and the discussion of memory allocation and de-allocation. The course offers students the opportunity to explore projects related to individual interests such as business applications, computer graphics, and sound. Additionally, the college course will focus on the object-oriented programming baradigm, emphasizing the definition and use of classes along with fundamentals of object-oriented design. The course includes basic analysis of algorithms, searching and sorting techniques, and an introduction to software engineering processes. Students will apply techniques for testing and debugging software. (This course is ncluded in the Field of Study Curriculum for Computer Science.)	03580350 Grade level: 10 - 11 HS Credit(s): 1
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): Algebra I; Dual Credit Computer Science 1AB CC Prerequisite(s): COSC 1436 Programming Fundamentals I + Course taught by a TCC-approved adjunct instructor	College Hour(s): 4 <b>Tier I</b>
Dffered only at: Eastern Hills (P-TECH)	
DUAL CREDIT INDEPENDENT STUDY IN TECHNOLOGY AB (TBD: TAIND AB DC)	TAD2144AB
CC Course: (COSC 2436) Programming Fundamentals III	
Course offerings may vary each year due to availability	
Computer Science III will foster students' creativity and innovation by presenting opportunities to design, mplement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will exelect the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of advanced computer science data structures through the study of echnology operations, systems, and concepts. Additionally, the college course will include further applications of programming techniques, introducing the fundamental concepts of data structures and algorithms. Topics	03580900 Grade level: 11 - 12 HS Credit(s): 1
nclude data structures (including stacks, queues, linked lists, hash tables, trees, and graphs), searching, sorting, recursion, and algorithm analysis. Programs will be implemented in an appropriate object-oriented language. This course is included in the Field of Study Curriculum for Computer Science.) <u>nstructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 4
<u>Instructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials. <u>Prerequisite(s)</u> : DC Computer Science II AB <u>ICC Prerequisite(s)</u> : COSC 1437 Programming Fundamentals II + Course taught by a TCC-approved adjunct instructor Offered only at: Eastern Hills (P-TECH)	Tier I

	TAD2151AB
TCC Course: (ITNW 1309) Fundamentals of Cloud Computing	
*Course offerings may vary each year due to availability	
Students will be introduced to personal computer operating systems including installation, configuration, file management, memory and storage management, control of peripheral devices, and use of utilities.	03580200 Grade level: 11-12
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	HS Credit(s): 1
WISD Prerequisite(s): None	College Hour(s): 3
I <u>CC Prerequisite(s)</u> : None	Tier I
Course taught by a TCC-approved adjunct instructor	
Offered at: Carter-Riverside HS (P-TECH)	
DUAL CREDIT ENGINEERING APPLICATIONS FOR COMPUTER SCIENCE PRINCIPLES (EACSP AB DC)	STD03772AB
<b>FCC Course: (ITSE 1450) System Analysis and Design</b> *Course offerings may vary each year due to availability	
This is a design-based high school course for students who want to expand and deepen their engineering design	N1303772
skills and habits of mind through the purposeful integration and application of computer science (CS) principles	Grade level: 11 - 12
and practices. Developed by University of Texas, this hands-on course engages students in authentic, integrated	HS Credit(s): 1
engineering and CS practices in a project-based environment. Additionally, students will be introduced to the	
planning, design, and construction of computer information systems using the systems development life cycle	
and other appropriate design tools.	
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 4
<u>FWISD Prerequisite(s)</u> : Dual Credit Computer Science III <u>TCC Prerequisite</u> : COSC 1436 Programming Fundamentals 1+	Tier I
Course taught by a TCC-approved adjunct instructor	
Jourse taught by a TCC-approved adjunct instructor Dffered only at: Eastern Hills (P-TECH)	
HONORS INTERNETWORKING TECHNOLOGIES I AB (INTNET1 AB/H)	ITH28012AB
Jsing a lab setting that corresponds to the work place, students design local and wide-area networks. Students	N1302803
ocus on network fundamentals, router theory, router technologies, network design, and network management.	Grade level: 11 - 12
Students begin preparation for CISCO industry certification. Students in this honors course will complete a project	HS Credit(s): 1
using the five phases of project management used in the business and industry environment.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Networking I AB, excludes P-TECH programs	Tier II
Teacher must be CISCO certified.	
Offered only at: Carter Riverside and Eastern Hills	
DUAL CREDIT INTERNETWORKING TECHNOLOGIES I A (INTNET1 A DC) (Available Fall 2023)	ITD28012A
TCC Course: (ITSY 2400) Operating System Security	
*Course offerings may vary each year due to availability	
Jsing a lab setting that corresponds to the work place, students design local and wide-area networks. Students	N1302803
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Tocus on network fundamentals, router theory, router technologies, network design, and network management. Students begin preparation for CISCO industry certification. Additionally, students will learn how to safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Students will identify security threats, monitor network security implementations and use best practices to configure operating systems to industry security standards. <u>nstructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials. <u>FWISD Prerequisite(s)</u> : Dual Credit Foundations of Cybersecurity AB <u>Corequisite</u> : Dual Credit Digital Forensics A	Grade level: 11 - 12 HS Credit(s): .5 College Hour(s): 4
Tocus on network fundamentals, router theory, router technologies, network design, and network management. Students begin preparation for CISCO industry certification. Additionally, students will learn how to safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Students will identify security threats, monitor network security implementations and use best practices to configure operating systems to industry security standards. <u>nstructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials. <u>SWISD Prerequisite(s)</u> : Dual Credit Foundations of Cybersecurity AB <u>Corequisite</u> : Dual Credit Digital Forensics A <u>ICC Prerequisite(s)</u> : ITSY 1300 Fundamentals of Information Security	Grade level: 11 - 12 HS Credit(s): .5 College Hour(s): 4
Tocus on network fundamentals, router theory, router technologies, network design, and network management. Students begin preparation for CISCO industry certification. Additionally, students will learn how to safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Students will identify security threats, monitor network security implementations and use best practices to configure operating systems to industry security standards. <u>nstructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials. <u>SWISD Prerequisite(s)</u> : Dual Credit Foundations of Cybersecurity AB <u>Corequisite</u> : Dual Credit Digital Forensics A <u>CC Prerequisite(s)</u> : ITSY 1300 Fundamentals of Information Security <i>Course taught by a TCC-approved adjunct instructor</i>	Grade level: 11 - 12 HS Credit(s): .5 College Hour(s): 4
<ul> <li>Students begin preparation for CISCO industry certification. Additionally, students will learn how to safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Students will identify security threats, monitor network security implementations and use best practices to configure operating systems to industry security standards.</li> <li><u>nstructional Material</u>: Contact the Office of Innovation, Early College Programs Department for related materials.</li> <li><u>Corequisite</u>: Dual Credit Foundations of Cybersecurity AB</li> <li><u>Corequisite</u>: ITSY 1300 Fundamentals of Information Security</li> <li><i>Course taught by a TCC-approved adjunct instructor</i></li> <li><i>Offered only at: Eastern Hills (P-TECH)</i></li> </ul>	Grade level: 11 - 12 HS Credit(s): .5 College Hour(s): 4 <b>Tier I</b>
<ul> <li>Students begin preparation for CISCO industry certification. Additionally, students will learn how to safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Students will identify security threats, monitor network security implementations and use best practices to configure operating systems to industry security standards.</li> <li><u>nstructional Material</u>: Contact the Office of Innovation, Early College Programs Department for related materials.</li> <li><u>SWISD Prerequisite(s)</u>: Dual Credit Foundations of Cybersecurity AB</li> <li><u>Corequisite</u>: Dual Credit Digital Forensics A</li> <li><u>TCC Prerequisite(s)</u>: ITSY 1300 Fundamentals of Information Security</li> <li><u>Course taught by a TCC-approved adjunct instructor</u></li> <li><u>Offered only at: Eastern Hills (P-TECH)</u></li> <li><b>DUAL CREDIT INTERNETWORKING TECHNOLOGIES I B (INTNET1 A DC)</b> (Available Fall 2023)</li> </ul>	Grade level: 11 - 12 HS Credit(s): .5 College Hour(s): 4
<ul> <li>Socus on network fundamentals, router theory, router technologies, network design, and network management.</li> <li>Students begin preparation for CISCO industry certification. Additionally, students will learn how to safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Students will identify security threats, monitor network security implementations and use best practices o configure operating systems to industry security standards.</li> <li><u>nstructional Material</u>: Contact the Office of Innovation, Early College Programs Department for related materials.</li> <li><u>WISD Prerequisite(s)</u>: Dual Credit Foundations of Cybersecurity AB</li> <li><u>Corequisite</u>: Dual Credit Digital Forensics A</li> <li><u>TCC Prerequisite(s)</u>: ITSY 1300 Fundamentals of Information Security</li> <li><u>Course taught by a TCC-approved adjunct instructor</u></li> <li><u>Offered only at: Eastern Hills (P-TECH)</u></li> <li><b>DUAL CREDIT INTERNETWORKING TECHNOLOGIES I B (INTNET1 A DC)</b> (Available Fall 2023)</li> <li><b>TCC Course: (ITSY 2401) Firewalls and Network Security</b></li> </ul>	Grade level: 11 - 12 HS Credit(s): .5 College Hour(s): 4 <b>Tier I</b>
<ul> <li>Bocus on network fundamentals, router theory, router technologies, network design, and network management.</li> <li>Students begin preparation for CISCO industry certification. Additionally, students will learn how to safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Students will identify security threats, monitor network security implementations and use best practices o configure operating systems to industry security standards.</li> <li><u>nstructional Material</u>: Contact the Office of Innovation, Early College Programs Department for related materials.</li> <li><u>WISD Prerequisite(s)</u>: Dual Credit Foundations of Cybersecurity AB</li> <li><u>Corequisite</u>: Dual Credit Digital Forensics A</li> <li><u>TCC Prerequisite(s)</u>: ITSY 1300 Fundamentals of Information Security</li> <li><u>Course taught by a TCC-approved adjunct instructor</u></li> <li><u>Offered only at: Eastern Hills (P-TECH)</u></li> <li><b>DUAL CREDIT INTERNETWORKING TECHNOLOGIES I B (INTNET1 A DC)</b> (Available Fall 2023)</li> <li><u>TCC Course</u>: (ITSY 2401) Firewalls and Network Security</li> <li><u>Course offerings may vary each year due to availability</u></li> </ul>	Grade level: 11 - 12 HS Credit(s): .5 College Hour(s): 4 Tier I ITD28012B
<ul> <li>Bocus on network fundamentals, router theory, router technologies, network design, and network management.</li> <li>Students begin preparation for CISCO industry certification. Additionally, students will learn how to safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Students will identify security threats, monitor network security implementations and use best practices o configure operating systems to industry security standards.</li> <li><u>nstructional Material</u>: Contact the Office of Innovation, Early College Programs Department for related materials.</li> <li><u>WISD Prerequisite(s)</u>: Dual Credit Foundations of Cybersecurity AB</li> <li><u>Corequisite(s)</u>: ITSY 1300 Fundamentals of Information Security</li> <li><u>Course taught by a TCC-approved adjunct instructor</u></li> <li><u>Offered only at: Eastern Hills (P-TECH)</u></li> <li><b>DUAL CREDIT INTERNETWORKING TECHNOLOGIES I B (INTNET1 A DC)</b> (Available Fall 2023)</li> <li><b>TCC Course: (ITSY 2401) Firewalls and Network Security</b></li> <li><u>Course offerings may vary each year due to availability</u></li> <li>Jsing a lab setting that corresponds to the work place, students design local and wide-area networks. Students</li> </ul>	Grade level: 11 - 12 HS Credit(s): .5 College Hour(s): 4 Tier I ITD28012B
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<ul> <li>Biocus on network fundamentals, router theory, router technologies, network design, and network management.</li> <li>Students begin preparation for CISCO industry certification. Additionally, students will learn how to safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Students will identify security threats, monitor network security implementations and use best practices to configure operating systems to industry security standards.</li> <li><u>nstructional Material</u>: Contact the Office of Innovation, Early College Programs Department for related materials.</li> <li><u>SWISD Prerequisite(s)</u>: Dual Credit Foundations of Cybersecurity AB</li> <li><u>Corequisite(s)</u>: ITSY 1300 Fundamentals of Information Security</li> <li><u>Course taught by a TCC-approved adjunct instructor</u></li> <li><u>Offered only at: Eastern Hills (P-TECH)</u></li> <li><b>DUAL CREDIT INTERNETWORKING TECHNOLOGIES I B (INTNET1 A DC)</b> (Available Fall 2023)</li> <li><b>TCC Course: (ITSY 2401) Firewalls and Network Security</b></li> <li><u>Course offerings may vary each year due to availability</u></li> <li>Jsing a lab setting that corresponds to the work place, students design local and wide-area networks. Students focus on network fundamentals, router theory, router technologies, network design, and network management.</li> <li>Students begin preparation for CISCO industry certification. Additionally, the college course will help students</li> </ul>	Grade level: 11 - 12 HS Credit(s): .5 College Hour(s): 4 Tier I ITD28012B
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<ul> <li>Socus on network fundamentals, router theory, router technologies, network design, and network management.</li> <li>Students begin preparation for CISCO industry certification. Additionally, students will learn how to safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Students will identify security threats, monitor network security implementations and use best practices to configure operating systems to industry security standards.</li> <li>Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.</li> <li>SWISD Prerequisite(s): Dual Credit Foundations of Cybersecurity AB</li> <li>Corequisite: Dual Credit Digital Forensics A</li> <li>ICC Prerequisite(s): ITSY 1300 Fundamentals of Information Security</li> <li>Course taught by a TCC-approved adjunct instructor</li> <li>Offered only at: Eastern Hills (P-TECH)</li> <li>DUAL CREDIT INTERNETWORKING TECHNOLOGIES I B (INTNET1 A DC) (Available Fall 2023)</li> <li>ICC Course: (ITSY 2401) Firewalls and Network Security</li> <li>Course offerings may vary each year due to availability</li> <li>Using a lab setting that corresponds to the work place, students design local and wide-area networks. Students focus on network fundamentals, router theory, router technologies, network design, and network management.</li> <li>Students begin preparation for CISCO industry certification. Additionally, the college course will help students earn to identify elements of firewall design, types of security threats and responses to security attacks. Use Best Practices to design, implement, and monitor a network security plan. Examine security incident postmortem</li> </ul>	Grade level: 11 - 12 HS Credit(s): .5 College Hour(s): 4 Tier I ITD28012B N1302803 Grade level: 11 - 12
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<ul> <li>Socus on network fundamentals, router theory, router technologies, network design, and network management.</li> <li>Students begin preparation for CISCO industry certification. Additionally, students will learn how to safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Students will identify security threats, monitor network security implementations and use best practices to configure operating systems to industry security standards.</li> <li><u>nstructional Material</u>: Contact the Office of Innovation, Early College Programs Department for related materials.</li> <li><u>WISD Prerequisite(s)</u>: Dual Credit Foundations of Cybersecurity AB</li> <li><u>Correquisite(s)</u>: Dual Credit Foundations of Cybersecurity AB</li> <li><u>Correquisite(s)</u>: ITSY 1300 Fundamentals of Information Security</li> <li><u>Course taught by a TCC-approved adjunct instructor</u></li> <li><u>Offered only at: Eastern Hills (P-TECH)</u></li> <li><b>DUAL CREDIT INTERNETWORKING TECHNOLOGIES I B (INTNET1 A DC)</b> (Available Fall 2023)</li> <li><u>TCC Course: (ITSY 2401) Firewalls and Network Security</u></li> <li><u>Yourse offerings may vary each year due to availability</u></li> <li><u>Using a lab setting that corresponds to the work place, students design local and wide-area networks. Students earn to identify elements of firewall design, types of security threats and responses to security attacks. Use Best Practices to design, implement, and monitor a network security plan. Examine security incident postmortem reporting and ongoing network security activities.</u></li> <li><u>Practices to design, implement, and monitor a network security plan. Examine security incident postmortem reporting and ongoing network security activities.</u></li> </ul>	Grade level: 11 - 12 HS Credit(s): .5 College Hour(s): 4 Tier I ITD28012B N1302803 Grade level: 11 - 12 HS Credit(s): .5 College Hour(s): 4

DUAL CREDIT DIGITAL FORENSICS A (TADGFR A DC)	TAD80360A
TCC Course: (ITSY 2341) Security Management Practices	
*Course offerings may vary each year due to availability	
Digital Forensics introduces students to the knowledge and skills of digital forensics providing a survey of the field of digital forensics and incident response. Digital forensics is an evolving discipline concerned with analyzing anomalous activity on computers, networks, programs, and data. As a discipline, it has grown with the emergence of a globally-connected digital society. As computing has become more sophisticated, so too have the abilities of malicious agents to access systems and private information. By evaluating prior incidents, digital forensics professionals have the ability to investigate and craft appropriate responses to disruptions to corporations, governments, and individuals. Whereas cybersecurity takes a proactive approach to information assurance to minimize harm, digital forensics takes a reactive approach to incident response. Additionally, this college course provides in-depth coverage of security management, practices, including asset evaluation and risk	03580360 Grade level: 9-12 HS Credit(s): 0.5
management; cyber law and ethics issues; policies and procedures; business recovery and business continuity	
planning; network security design; and developing and maintaining a security plan.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. <u>FWISD Prerequisite(s)</u> : Dual Credit Foundations of Cybersecurity AB <u>Corequisites</u> : Dual Credit Internetworking Technologies 1A <u>TCC Prerequisite(s)</u> : ITSY 1300 Fundamentals of Information Security <i>Course taught by a TCC-approved adjunct instructor</i> <i>Offered only at: Eastern Hills (P-TECH)</i>	College Hour(s): 3 <b>Tier I</b>
DUAL CREDIT DIGITAL FORENSICS B (TADGFR B DC)	TAD80360B
TCC Course: (ITSY 2342) Incident Response and Handling	
*Course offerings may vary each year due to availability	
Digital Forensics introduces students to the knowledge and skills of digital forensics providing a survey of the field of digital forensics and incident response. Digital forensics is an evolving discipline concerned with analyzing anomalous activity on computers, networks, programs, and data. As a discipline, it has grown with the emergence of a globally-connected digital society. As computing has become more sophisticated, so too have the abilities of malicious agents to access systems and private information. By evaluating prior incidents, digital forensics professionals have the ability to investigate and craft appropriate responses to disruptions to corporations, governments, and individuals. Whereas cybersecurity takes a proactive approach to information assurance to minimize harm, digital forensics takes a reactive approach to incident response. Additionally, this college course provides in-depth coverage of incident response and incident handling, including identifying sources of attacks and security breaches; analyzing security logs; recovering the system to normal; performing postmortem analysis; and implementing and modifying security measures.	03580360 Grade level: 9-12 HS Credit(s): 0.5
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. <u>FWISD Prerequisite(s)</u> : Dual Credit Internetworking Technologies 1A and Dual Credit Digital Forensics A <u>TCC Prerequisite(s)</u> : ITSY 2400 Operating System Security and ITSY 2401 Firewalls and Network Security <i>Course taught by a TCC-approved adjunct instructor</i> <i>Offered only at: Eastern Hills (P-TECH)</i>	College Hour(s): 3 Tier l
DUAL CREDIT CYBERSECURITY CAPSTONE AB (TACYBCAP AB DC) (Available Fall 2023)	ITD27900AB
TCC Course: (ITSY 2459) Security Assessment and Auditing	
*Course offerings may vary each year due to availability	
In the Cybersecurity Capstone course, students will develop the knowledge and skills needed to explore advanced concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will develop security policies to mitigate risks. The skills obtained in this course prepare students for additional study toward industry certification. A variety of courses are available to students interested in the cybersecurity field. Cybersecurity Capstone may serve as a culminating course in this field of study.	03580855 Grade level: 12 HS Credit(s): 1
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials <u>FWISD Prerequisite(s)</u> : Dual Credit Internetworking Technologies IA and Dual Credit Digital Forensics A <u>TCC Prerequisite(s)</u> : ITSY 2400 Operating System Security and ITSY 2341 Security Management Practices <i>Course taught by a TCC-approved adjunct instructor</i> Offered at: Eastern Hills (P-TECH)	College Hour(s): 4 <b>Tier I</b>

Offered at: Eastern Hills (P-TECH)

#### Endorsement FOR THE GRADUATING CLASS OF 2024 and beyond

The Medical Professions P-TECH Academy offers one (1) Career Focus with multiple specialized certification opportunities.

		I	Medical P	rofessions	igh School P-TECH Ac	ademy		
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Gr.	9 <sup>th</sup> Gra		10 <sup>11</sup> Grade			Grade	12 <sup>th</sup> Grade	
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	English I or II	English I or II	English II or *III	English II or *III	*English III or IV	English III or IV	*English IV or *English Elective	*English IV or *English Elective
	Algebra I or Geometry	Algebra I or Geometry	Geometry or Algebra II	Geometry or Algebra II	Algebra II or *Pre-Calculus	Algebra II, *Pre- Calculus, or	*Pre-Calculus or *Calculus or *Statistics	*Pre-Calculus or *Calculus or *Statistics
	World Geography	World Geography	World History	World History	*US History	*US History	*Government	Economics
	Biology	Biology	*Chemistry	*Chemistry	AP Biology or Physics	AP Biology or Physics	4 <sup>th</sup> Year Science*	4 <sup>th</sup> Year Science*
High School	AVID or similar	AVID or similar	*Psychology World Language	Dual Credit Patho- physiology AB (HSD20801AB)				
н	World Language *PE	*World Language *PE		*Speech, Art	Dual Credit Pharmacology AB (HSD02044AB)			
	Dual Credit Principles of Health Science A (HSD02022A)	Dual Credit Principles of Health Science B (HSD02022B)	Science Theory	Honors Health Science Theory B (HSH02042B)	Honors Practicum in Health Science I - General Clinical Skills A (HSH05010A)	Honors Practicum in Health Science I- General Clinical Skills B (HSH05010B)	Honors Practic Science II: P Technic (HSH302)	atient Care ian AB
	EDUC 1300		SPCH 1311	PSYC 2301	ENGL 1301 GOV 2306	ENGL 1302 or ENGL 2311	ENGL 1301 or ENGL 2322	ENGL 1302 or ENGL 2311, or ENG 2323
College	KINE 1164	KINE 1116	HIST 2311	ARTS 1301	MATH 1314 or 1342	PSYCH 2301	GOVT 2305	ECON 2301
Ŭ	HPRS 1206~	HPRS 1304~		HPRS 2201 ~	HIST 1301	HIST 1302	BIOL 2401 or 1406	BIOL 2402 or 1407
				HIST 2312	HPRS 2200 ~			HIST 2260
Hrs.	Up to 5	Up to 4	Up to 6+	Up to 6+	Up to 11+	Up to 9+	Up to 13+	Up to 12+

**Stackable Industry Certification(s):** Pharmacy Technician (PhT), Dementia Specialist Certificate, Emergency Medical Technician (EMT), Patient Care Technician (PCT), Certified Nursing Assistant (CNA)

\*TSI compliance or TSI waiver will determine if the course is taken for dual credit. ~ elective credits for AA

Students who complete Principles of Health Science, Health Science Theory, Pathophysiology, and Practicum in Health Science will have met requirements for the Healthcare Diagnostics Program of Study for a Public Service or STEM endorsement if the math and science requirements are met.

#### COURSE DESCRIPTIONS FOR THE MEDICAL PROFESSIONS P-TECH

DUAL CREDIT PRINCIPLES OF HEALTH SCIENCE A: (PRINHLSC A DC) TCC COURSE: (HPRS 1206) Essentials of Medical Terminology	HSD02022A
*Course offerings may vary each year due to availability	
Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. Students learn that to pursue a career in the health science industry, they must be able to reason, think critically, make decisions, solve problems, and communicate effectively. They learn that quality health care depends on the ability to work well with others. Students identify and research employment opportunities, technology, and safety requirements of the different systems within health science field. They apply knowledge and skills needed to pursue a health science career. Students are expected to employ their ethical and legal responsibilities, identify limitations, as well	13020200 Grade level: 9 HS Credit(s): 0.5
as understand the implications of their actions. This course will also introduce students to the structure of medical erms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. Additionally, this college course focuses on the study of medical terminology, word origin, structure, and application. <u>nstructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials.	
<u>Prerequisite(s)</u> : None <u>CC Prerequisite(s)</u> : TSI Compliance in Reading and Writing Dffered only at: North Side	College Hour(s): 2 <b>Tier I</b>
DUAL CREDIT PRINCIPLES OF HEALTH SCIENCE B: (PRINHLSC B DC)	HSD02022B
ICC Course: (HPRS 1304) Basic Health Profession Skills	
Course offerings may vary each year due to availability	
Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. Students learn that to bursue a career in the health science industry, they must be able to reason, think critically, make decisions, solve problems, and communicate effectively. They learn that quality health care depends on the ability to work well with others. Students identify and research employment opportunities, technology, and safety requirements of the different systems within health science field. They apply knowledge and skills needed to pursue a health	13020200 Grade level: 9 HS Credit(s): 0.5
ccience career. Students are expected to employ their ethical and legal responsibilities, identify limitations, as well as understand the implications of their actions. This course will also introduce students to the structure of medical erms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. Additionally, his college course focuses on concepts that serve as the foundation for health profession courses, including client care and safety issues, basic client monitoring, and health documentation methods.	
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None CC Prerequisite(s): TSI Compliance in Reading and Writing Offered only at: North Side	College Hour(s): 3 <b>Tier I</b>
HONORS HEALTH SCIENCE THEORY AB (HLTHSCI AB)	HSH02042AB
This course allows students to gain the knowledge and skills necessary for employment or continuing education	13020400
n the health care industry. The Health Science Theory course is designed to provide for the development of	Grade level: 10
dvanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. In addition to the regular course curriculum, tudents in this honors course will complete a project using the five phases of project management used in the business and industry environment.	HS Credit(s): 0.5
nstructional Material: DHO Health Science, Updated 8th Edition, Cengage Learning Inc. Prerequisite(s): Dual Credit Principles of Health Science	College Hour(s): NA <b>Tier II</b>
DUAL CREDIT PATHOPHYSIOLOGY AB (PATHO AB)	HSD20801AB
CC COURSE: (HPRS 2201) Pathophysiology	
Course offerings may vary each year due to availability.	
n Dual Credit Pathophysiology, students will study of the pathology and general health management of diseases nd injuries across the life span. Topics include etiology, symptoms, and the physical and psychological reactions o diseases and injuries.	13020800 Grade level: 10 - 12 HS Credit(s): 1
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): Biology and Chemistry; Dual Credit Principles of Health Science AB	College Hour(s): 2
CC Prerequisite(s): TSI Compliance in Reading and Writing	
Offered only at: North Side	HSD02044AB
Offered only at: North Side DUAL CREDIT PHARMACOLOGY AB (PHARM AB)	HSD02044AB
<u>TCC Prerequisite(s)</u> : TSI Compliance in Reading and Writing Offered only at: North Side <b>DUAL CREDIT PHARMACOLOGY AB (PHARM AB)</b> <b>TCC Course: (HPRS 2200) Pharmacology for Health Professions</b> This course allows students to study drug classification, actions, therapeutics uses, adverse effects, routes of administrations, and calculation of dosage.	HSD02044AB 13020950 Grade level:11-12
Offered only at: North Side DUAL CREDIT PHARMACOLOGY AB (PHARM AB) TCC Course: (HPRS 2200) Pharmacology for Health Professions his course allows students to study drug classification, actions, therapeutics uses, adverse effects, routes of	13020950

HONORS PRACTICUM IN HEALTH SCIENCE I: GENERAL CLINICAL SKILLS/D AB	HSH05010AB
In addition to the regular course curriculum, students in this honors course will complete additional projects and	13020500
activities related to the program of study. In addition to the regular course curriculum, students in the honors	Grade level: 11
course will complete additional projects and activities related to the program of study. See the Practicum in	HS Credit(s): 2
Health Science I: General Clinical Skills course description in the Career & Technical Education, Health Science	
Technology section of this document.	
Instructional Material: Contact Early College High School Department for more information.	College Hour(s): NA
Prerequisites: Dual Credit Practicum in Health Science I: General Clinical Skills	Tier II
Offered only at: North Side	
HONORS PRACTICUM IN HEALTH SCIENCE II: PATIENT CARE TECHNICIAN/D AB	HSH30204AB
(PHSPCT 2AB/H)	
The Practicum is designed to give students practical application of previously studied knowledge and skills. In this	13020510
double period course, students will gain knowledge and skills to pursue a national Patient Care Technician	Grade level: 12
certification. In this course the student will learn to perform skills like performing phlebotomy and ECG, taking	HS Credit(s): 2
vitals, assisting with activities of daily living, and providing comfort care. The student will gain basic knowledge of	
medical terms, ethics, legal issues, and anatomy and physiology. In addition to the regular course curriculum,	
students in the honors course will complete additional projects and activities related to the program of study.	
See the Practicum in Health Science II: Patient Care Technician course description in the Career & Technical	
Education, Health Science Technology section of this document.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisites: Honors Practicum in Health Science I: General Clinical Skills B	Tier II
Offered only at: North Side	

#### FOR THE GRADUATING CLASS OF 2024 and beyond

				olytechnic ucation P-T	ECH Acade			
Gr.	9 <sup>th</sup> Gr	ade	10 <sup>th</sup>	Education Grade	Crosswalk	irade	12	2 <sup>th</sup> Grade
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	English I or II	English I or II	English II or *III	English II or *III	*English III or IV	*English III or IV	*English IV or *English Elective	*English IV or *English Elective
	Algebra I or Geometry or Algebra II	Algebra I or Geometry or Algebra II	Geometry or Algebra II or *Pre-Calculus	Geometry or Algebra II or *Pre-Calculus	Algebra II or *Pre-Calculus or *Statistics	Algebra II or *Pre-Calculus or *Statistics	Pre-Calculus or Calculus	Pre-Calculus or Calculus
	AP Human Geography	AP Human Geography	*US History	*US History	World History	World History	*Economics	*Government
High School	Biology or Chemistry	Biology or Chemistry	Chemistry or *Earth and Space Science	Chemistry or *Earth and Space Science	3 <sup>rd</sup> Year Science	3 <sup>rd</sup> Year Science	4 <sup>th</sup> Year Science or *Environm ental System	4 <sup>th</sup> Year Science or *Environmental Science
_	AVID 1	AVID 1	AVID 2	AVID 2	AVID 3	AVID 3	AVID 4	AVID 4
		Health		PE				
			Spanish 1, 2, 3, 4, or 5	Spanish 1, 2, 3, 4, or 5	Spanish 1, 2, 3, 4, or 5	Spanish 1, 2, 3, 4, or 5		
	Honors Principles of Education AB (EDH14201AB )	Honors Principles of Education AB (EDH14201 AB)	PSAT	*Dual Credit Child Development AB (HVD24701AB)			*Dual Credit Practicum in Education & Training A (EDD14502A)	*Dual Credit Practicum in Education & Training B (EDD14502B)
	KINE 1164		*HIST 1301	*HIST 1302	*ENGL 1301	*ENGL 1302	*ENGL 2327 or *MATH 1350	*ENGL 2328 or *MATH 1351
ge		SPCH 1311	*GEOL 1401	*TECA 1354	*TECA 1303	*PHIL 2306		
College						*MATH 1314 or MATH 1342	*ECON 2301	*GOV 2305
		ARTS 1301			*PHYS 1415	*BIOL 1408	*BIOL 2306	
					GOVT 2306		*EDUC 1301	*EDUC 2301
Hrs.	Up to 1	Up to 6	Up to 7	Up to 6	Up to 13	Up to 13	Up to 12	Up to 9
* TSI c		Certification(s ication(s): Ec SI waiver will c	<b>:):</b> Educational lucational Aide letermine if the	l e course is taken a				ning will have met

The Teaching P-TECH Academy offers one (1) Career Focus.

requirements for the Teaching and Training Program of Study for a Public Service endorsement.

#### COURSE DESCRIPTIONS FOR THE EDUCATION P-TECH

ONORS PRINCIPLES OF EDUCATION AND TRAINING AB (PRINEDTR AB/H)	EDH14201AB
ne course, Principles of Education and Training, is designed to introduce students to the various careers	13014200
vailable within the education and training career cluster. Students use self-knowledge and educational and	Grade level: 9 – 10
areer information to analyze various careers within the education and training career cluster. They will also gain	HS Credit(s): 1
n understanding of the basic knowledge and skills essential to careers within the education and training career	
uster. In addition to the regular course curriculum, students in this honors course will complete a project sing the five phases of project management used in the business and industry environment.	
structional Material: ICEV Family and consumer Sciences Site, CEV Multimedia Ltd.,	College Hour(s): NA
rerequisite(s): None	Tier II
ffered at: Arlington Heights, Benbrook, Carter-Riverside, Diamond Hill-Jarvis, Dunbar, Eastern Hills, North Side,	
aschal, Polytechnic, South Hills, Southwest, Trimble Tech, Western Hills, and OD Wyatt	
UAL CREDIT CHILD DEVELOPMENT AB (CHILDDEV AB DC)	HVD24701AB
CC Course: (TECA 1354) Child Growth and Development	
Course offerings may vary each year due to availability	
his technical laboratory course addresses knowledge and skills related to child growth and development from	13024700
renatal through school-age children. Students are equipped with child development skills necessary to promote	Grade level: 9 - 12
ne well-being and healthy development of children and to investigate careers related to the care and education	HS Credit(s): 1
f children. Students explore the principles and procedures for promoting the physical, emotional, social, and	
Itellectual development of young children, including those with special needs. Topics include characteristics of	
uality child care and career options related to the care and education of children. Additionally, this college	
burse is a technical laboratory course that addresses the physical, emotional, social, language, and cognitive ctors impacting growth and development of children through adolescence.	
structional Material: Contact the Office of Innovation, Early College Programs Department for related	College Hour(s): 3
iaterials.	Tier I
rerequisite(s): Honors Principles of Education and Training AB	
<u>CC Prerequisite(s)</u> : TSI	
ffered only at: Polytechnic (P-Tech)	
OUAL CREDIT UNPAID PRACTICUM IN EDUCATION AND TRAINING/D A (PRACEDTR A DC)	EDD14502A
CC Course: (EDUC 1301) Introduction to the Teaching Profession	
Course offerings may vary each year due to availability	
his college courses includes the study of the physical, emotional, social, language, and cognitive factors impacting	13014500
rowth and development of children through adolescence. An enriched, integrated pre-service course and content	Grade level: 12
xperience that provides active recruitment and institutional support of students interested in a teaching career,	HS Credit(s): 1
specially in high-need fields. The course provides students with opportunities to participate in early field	
bservations at all levels of P-12 schools with varied and diverse student populations and provides students with	
upport from college and school faculty, preferable in small cohort groups, for the purpose of introduction to	
nalysis of the culture of schooling and classrooms. Course content should be aligned as applicable with State	
oard for Educator Certification Pedagogy and Professional Responsibilities standards. Course must include a	
ninimum of 16 contact hours of field experience in P-12 classrooms. Criminal background check required rior to enrolling. Field experience required.	
istructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 3
<u>WISD Prerequisite(s)</u> : Dual Credit Child Development AB	Tier I
<u>CC Prerequisite(s)</u> : TSI	
ourse taught by an approved adjunct instructor.	
ffered only at: Polytechnic (P-Tech))	
UAL CREDIT UNPAID PRACTICUM IN EDUCATION AND TRAINING/D B (PRACEDTR B DC)	EDD14502B
CC Course: (EDUC 2301) Introduction to Special Populations	
Course offerings may vary each year due to availability	
his college courses includes an enriched, integrated pre-service course and content experience that provides an	13014500
	Grade level: 12
verview of schooling and classrooms from the perspective of language, gender, socioeconomic status, ethnic	HS Credit(s): 1
nd academic diversity, and equity with an emphasis on factors that facilitate learning. The course provides	
nd academic diversity, and equity with an emphasis on factors that facilitate learning. The course provides udents with opportunities to participate in early field observations of P-12 special populations and should be	
nd academic diversity, and equity with an emphasis on factors that facilitate learning. The course provides tudents with opportunities to participate in early field observations of P-12 special populations and should be ligned as applicable with State Board for Educator Certification Pedagogy and Professional Responsibilities	
nd academic diversity, and equity with an emphasis on factors that facilitate learning. The course provides tudents with opportunities to participate in early field observations of P-12 special populations and should be ligned as applicable with State Board for Educator Certification Pedagogy and Professional Responsibilities tandards. Must include a minimum of 15 contact hours of field	
nd academic diversity, and equity with an emphasis on factors that facilitate learning. The course provides tudents with opportunities to participate in early field observations of P-12 special populations and should be ligned as applicable with State Board for Educator Certification Pedagogy and Professional Responsibilities tandards. Must include a minimum of 15 contact hours of field xperience in P-12 classrooms with special populations. Criminal background check required prior to enrolling.	
nd academic diversity, and equity with an emphasis on factors that facilitate learning. The course provides tudents with opportunities to participate in early field observations of P-12 special populations and should be ligned as applicable with State Board for Educator Certification Pedagogy and Professional Responsibilities tandards. Must include a minimum of 15 contact hours of field <u>experience in P-12 classrooms with special populations. Criminal background check required prior to enrolling.</u>	College Hour(s): 3
nd academic diversity, and equity with an emphasis on factors that facilitate learning. The course provides sudents with opportunities to participate in early field observations of P-12 special populations and should be ligned as applicable with State Board for Educator Certification Pedagogy and Professional Responsibilities standards. Must include a minimum of 15 contact hours of field sperience in P-12 classrooms with special populations. Criminal background check required prior to enrolling. <u>istructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials. <u>WISD Prerequisite(s)</u> : Dual Credit Practicum in Education and Training A	College Hour(s): 3 Tier I
nd academic diversity, and equity with an emphasis on factors that facilitate learning. The course provides tudents with opportunities to participate in early field observations of P-12 special populations and should be ligned as applicable with State Board for Educator Certification Pedagogy and Professional Responsibilities tandards. Must include a minimum of 15 contact hours of field <u>experience in P-12 classrooms with special populations. Criminal background check required prior to enrolling.</u>	-

FOR THE GRADUATING CLASS OF 2022 and beyond
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			Floct		-TECH Aca Technicia	-	alk	
Gr.	9 <sup>th</sup> G	rade		' Grade	11 <sup>th</sup> G			Grade
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	English I or II Algebra I or Algebra 2	English I or II Algebra I or Algebra 2	English II or *III Geometr y or Algebra II+ Geometr	English II or *III Geometry or Algebra II+ Geometry	*English III or IV *Statistics	*English III or IV *Pre- Calculus	*English IV or *English Elective *Pre-Calculus	*English IV or *English Elective * Calculus I
	*AP Human Geography	*AP Human Geography	*AP World History	*AP World History	*AP US History	*AP US History	*Government	*Economics
High School	Environ- mental Systems	Environ- mental Systems	Biology/ Physics *Chemis try	Biology/ Physics *Chemistry	Physics or *Chemistry	Physics or *Chemistry	4 <sup>th</sup> Year Science	4 <sup>th</sup> Year Science
High	Honors Principles of Applied Engineer- ing AB (STH36202 AB)	Honors Principles of Applied Engineer- ing AB (STH36202 AB)	Personal Financial Literacy	Dual Credit Principles of Information Technology AB (ITD27201AB)	Dual Credit Distribution and Logistics for Energy AB (TPD40300A B) AND Dual Credit Applied Mathematics for Technical Professionals AB (CPD0678AB)	Dual Credit Electrical Technology I AB (ARD05602 AB)	Dual Credit Construction Technology I AB (ARD00512 AB) OR Honors Project- Based Research A (STH01500A) OR Career Prep A (CP01302A)	Dual Credit HVAC and Refrigeration Technology I (MAD05800AB) OR Honors Project-Based Research B (STH01500B) OR Career Prep B (CP01300B)
	SPAN 1411 4	SPAN 1412 4	SPCH 1321	KINE 1304	*GOVT 2305	*Behavioral Science 3	*ENGL 1301	*ENGL 1302 or 2311 3
	KINE (PE) 1	KINE 1164 1	*ARTS	COSC 1301	LNWK 1341	HART 1401	LNWK 1371	*ECON 2302
a			LNWK 1301	LNWK 2321	TECM 1303	LNWK 2322	LNWK 2324	LNWK 1311
College					LNWK 2321		OSHT 1305	HART 2431
0					LNWK 1241		GEOL 1305	
							HYDR 1301	ELPT 2347
							LNWK 1331	ELPT 2335
Hrs.	Up to 5	Up to 5	Up to 10	Up to 10	Up to 11	Up to 10	Up to 15	Up to 16
				an - 60+ hours d Technician Le	vel 1 – 25 hour	s: Renewable Li	ine Technician Level 2	– 44 hours

		•	Energy	outh/FWISI	ademy			
	1			gy Technic				
Gr.		Grade		Grade	11 <sup>th</sup> G		12 <sup>th</sup> Grade	
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	English I or II	English I or II	English II or *III	English II or *III	*English III or IV	*English III or IV	*English IV or *English Elective	*English IV o *English Elective
	Algebra I or Algebra 2	Algebra I or Algebra 2	Geometry or Algebra II + Geometry	Geometry or Algebra II + Geometry	*Statistics	*Pre- Calculus	*Pre-Calculus	* Calculus I
	AP Human	AP Human	AP World	AP World	*AP US	*AP US	Government	Economics
	Geography	Geography	History	History	History	History	Government	ECONOMICS
High School	Environmen tal Systems	Environmental Systems	Biology/ Physics Chemistry Personal Financial Literacy	Biology/ Physics Chemistry	Physics or Chemistry	Physics or Chemistry	4 <sup>th</sup> Year Science	4 <sup>th</sup> Year Science
Ρ	Honors Principles of Applied Engineering AB (STH36202 AB)	Honors Principles of Applied Engineering AB (STH36202AB)	Dual Credit Solid State Electronics A (STD36902 A)	Dual Credit Robotics I AB (STD37002AB)	Dual Credit Digital Electronics AB (STD37443A B) AND Dual Credit AC/DC Electronics AB (STD36802A B)	Dual Credit Solid State Electronic s B (STD36902 B)	Honors Project- Based Research AB (STH01500AB) OR Career Prep AB (CP01300AB)	Honors Project-Base Research AB (STH01500B OR Career Prep A (CP01300AB
	SPAN 1411 4 or SPAN 2311 3	SPAN 1412 4 or SPAN 2312 3	KINE 1304	SPCH 1321	MATH 1314	MATH 1343	*ENGL 1301 GOV 2305	*ENGL 1302 ( 2311 ECON 2301
College	KINE (PE) 1	KINE 1164 1	ARTS	ELMT 1402*	CETT 1449 (LAB)	*CETT 1441	*CETT 1445	* ELMT 233
<u>e</u>		PTRT 1313	RBTC 1401	ELMT 1042 (LAB)	*CETT 1449	WIND 2459	WIND 2459 (LAB)	
		PTRT 1313 (LAB)	RBTC 1401 (LAB)	RBTC 1351	CETT 1409		*CSIR 1459	* CETT 243
		LAB	LAB	LAB				
Renewable Energy Technology Level 1 Certificate		PTRT 1313 (3) + LAB	RBTC 1401 (Lab)	ELMT 1402 (4) (Lab)	* CETT 1449 (Lab)	* CETT 1409 (Lab)	WIND 2459 (Lab)	* ELMT 2337 (Lab)
rs.	Up to 5	Up to 7	Up to 10	Up to 10	Up to 11	Up to 11	Up to 14	Up to 13
	College Leve or TSI waiver wi	el Certification(s)	: Renewable En e course is take	ed Energy Technic ergy Technology n as a Dual Credit	Level 1 – 29 hou		rses. Juniors and	seniors that ar

Students who complete Principles of Applied Engineering, Solid State Electronics, Digital Electronics, and AC/DC Electronics will have met requirements for the Renewable Energy Program of Study for a Business and Industry or STEM endorsement if the math and science requirements are met.

#### Tarrant County College South/FWISD Collegiate High School Energy P-TECH Academy Energy Business Crosswalk

osswal		1	
<sup>th</sup> Grade	9	12 <sup>th</sup>	Grade
	Spring	Fall	Spring
	nglish III or IV	English IV or English Elective	English IV or *English Elective
	*Pre- Calculus	*Pre-Calculus	* Calculus I
	* AP US History	Government	Economics
r Ph	hysics or hemistry	4 <sup>th</sup> Year Science	4 <sup>th</sup> Year Science
0 Acc	ual Credit ccounting 1B ND16612 B)	Dual Credit Business Law AB (BAD11701 AB) AND/OR Honors Practicum in Business Management AB (BAH12202 AB) OR Honors Project- Based Research AB (STH01500AB) OR Career Prep AB (CP01300AB)	Honors Practicum in Business Management AB (BAH12202 AB) OR Honors Project- Based Research AB (STH01500AB) OR Career Prep AB (CP01300AB)
)1 *EN	NGL 1302	*ENGL 1301 or 2322 or 2327	*ENGL 1302 or 2311 or 2323 or 2328
	*MATH 2412	*MATH 1314 or 2413 or 1342	*MATH 2412 or 2414
1 *HI	HIST 1302	*ECON 2301	*ECON 2302
)6 *	*GOVT 2305	BUSI 2305	
1 AC	ССТ 2302	*BIOL 1406/1408 or *PHYS 1401 or *GEOL 1401	*BIOL 1407/1409 or *PHYS 1402 or *GEOL 1403
1 AC	CCT 1302	ECON 2301 BUSI 2301	ECON 2302
U	Jp to 16	Up to 16	Up to 16
rs , Excel, an	ind/or		
rs Excel, ar dit course	n Si	nd/or e for TSI p	

	9th G	rade		idorsemen Grade	-	Grade	12th Gr	ade
	Fall	Spring	Fall	Spring	Fall	Spring	Fall Semester	1
	Semester	Semester	Semester	Semester	Semester	Semester	Tall Seriester	Spring Semester
High School	English I or II	English I or II	English II or *III	English II or III	English III or IV	English III or IV	English IV or English Elective	English IV or *English Elective
	Algebra I or	Algebra I or	Geometry or	Geometry or				
	Algebra II	Algebra II	Algebra II + Geometry	Algebra II + Geometry	*Statistics	*Pre-Calculus	*Pre-Calculus	* Calculus I
	Honors Human Geography	Honors Human Geography	AP World History	AP World History	AP US History	AP US History	Government	Economics
	Environmental	Environmental	Dialami	Dialami	Physics or	Physics or		4th Year
	Systems	Systems	Biology	Biology	Chemistry	Chemistry	4th Year Science	Science
	CTE – PAE	CTE – PAE	PFL or Health (Edgenuity)		PROBS1	PROBS1	Practicum in Business or PROBS 1/2	Practicum in Business or PROBS 1/2
	KINE 11XX	KINE 1164 (1)	KINE 1304 (	SPCH 1321	*ENGL 1301 (	*ENGL 1302	*ENGL	*ENGL 2323
	SPAN 1411	SPAN 1412	ARTS 1301	*PHIL 1301 OR SPAN 2311 OR HUMA 1301 OR ENGL 2322	*MATH 1314 03101100 or 1342	*MATH 2412 or 1342	*MATH 1324	*MATH 2414
College AA in Business			USI 1301	BCIS 1305	*HIST 1302 (3) 03340100	*HIST 1301 (3) 03340100	ECON 2301	ECON 2302
					*GOVT 2306	*GOVT 2305	BUSI 2305	
					ACCT 2301	ACCT 2302	*BIOL 1408 or *PHYS 1401 or PHYS 1415 or GEOL 1401 4 or *CHEM 1411	*BIOL1409 110, PHYS1402 or GEOL 1403 4 or CHEM 1412
			BUSI 1301	BMGT 1305	ACCT 2301	ACCT 2302	ECON 2301	ECON 2302
Business Level 1 Certificate			MRKG 1311				BUSI 2301 (3) 13011700	
	Up to 5 hours	•	Up to 9 hours	Up to 9 hours	Up to 15 hours	Up to 15-16 hours	Up to 15 hours	Up to 15 hour
Associate of Arts in Bu Business Certification Business Certification ndustry Certification(	Level 1 (BUAD Level 2 (BUAD	T011.UG) T012.UG)	rd, PowerPoint	, Excel, and/or (	Office 365		Business Level 2 ( additional courses BMGT 1327, BMG	: BCIS 1305,

\*TSI compliance or TSI waiver will determine if the course is taken as a Dual Credit course for TSI placement courses. Juniors and Seniors that are not TSI met will take AP courses in-lieu of dual credit course.

#### COURSE DESCRIPTIONS FOR BUSINESS ADMINSITRATION P-TECH

UAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)	BAD11412AB
CC COURSE: Business Computer Applications (BCIS 1305)	
<i>Courses may change due to availability</i> rudents will study computer terminology, hardware, and software related to the business environment. The	13011400
cus of this course is on business productivity software applications and professional behavior in computing,	13011400
cluding word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented	Grade level: 9 - 12
ilization of the Internet.	HS Credit(s): 1
structional Material: TCC Course: Business Computer Applications (BCIS 1305)	College Hour(s): 3
<u>NISD Prerequisite(s)</u> : None	Tier I
<u>CC Prerequisite(s)</u> : TSI	
ffered only at: Marine Creek, Success HS, YWLA, and TCC South Collegiate HS (P-Tech)	
DUAL CREDIT ADVANCED MARKETING (ADVMKTG AB DC)	MKD34700AB
ICC COURSE: PRINCIPLES OF MARKETING (MRKG 1311)	
Course offerings may vary each year due to availability	
n this course, students will gain an introduction to the marketing mix functions and processes. The course	13034700
opics include: identification of consumer and organizational needs and explanation of environmental issues.	
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related	Grade level: 11 - 12
naterials.	HS Credit(s): 1
Prerequisite(s): Dual Credit Business Management	College Hour(s): 3
<u>CC Prerequisite(s)</u> : None	Tier I
Offered only at: Marine Creek, Success HS, YWLA, and TCC South Collegiate HS (P-Tech)	
DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC)	BAD12102AB
ICC COURSE: (BUSI 1301) Business Principles	
Course offerings may vary each year due to availability	
his course provides a survey of economic systems, forms of business ownership, and considerations for running	13012100
business. Students will learn various aspects of business, management, and leadership functions;	
organizational considerations; and decision-making process. Financial topics are introduced, including	Grade level: 9-12
accounting, money and banking, and securities markets. Also included are discussions of business challenges in	HS Credit(s): 1
he legal and regulatory environment, business ethics, social responsibility, and International business.	
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
Prerequisite(s): None	Tier I
<u>"CC Prerequisite(s):</u> None Dffered only at: Success HS and YMLA	
DUAL CREDIT BUSINESS LAW (BUSLAW AB DC)	BAD11701AB
ICC COURSE: BUSINESS LAW (BUS 2301)	DADITIVIAD
Course offerings may vary each year due to availability	
This course provides the student with foundational information about the U.S. legal system and dispute	13011700
esolution, and their impact on business. The major content areas will include general principles of law, the	15011700
elationship of business and the U.S. Constitution, state and federal legal systems, the relationship between law	Grade level: 9 - 12
and ethics, contracts, sales, torts, agency law, intellectual property, and business law in the global context.	HS Credit(s): 1
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): 3
Prerequisite(s): None	Tier I
Offered only at: TCC South Collegiate HS (P-Tech), Success HS, and Diamond Hill Jarvis (P-Tech)	
DUAL CREDIT ACCOUNTING IA (ACCOUNT1 A DC)	FND16612A
ICC Course: Principles of Financial Accounting: (ACCT 2301)	
Courses may change due to availability	
This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally	13016600
accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations.	
Students will examine the procedures and systems to accumulate, analyze, measure, and record financial	
ransactions. Students will use recorded financial information to prepare a balance sheet, income statement,	
tatement of cash flows, and statement of shareholders' equity to communicate the business entity's results of	
operations and financial position to users of financial information who are external to the company. Students will	
tudy the nature of assets, liabilities, and owners' equity while learning to use reported financial information for	Grade level: 9 - 12
tudy the nature of assets, liabilities, and owners' equity while learning to use reported financial information for	HS Credit(s): 0.5
tudy the nature of assets, liabilities, and owners' equity while learning to use reported financial information for purposes of making decisions about the company. Students will be exposed to International Financial Reporting	HS Credit(s): 0.5 College Hour(s): 3
tudy the nature of assets, liabilities, and owners' equity while learning to use reported financial information for purposes of making decisions about the company. Students will be exposed to International Financial Reporting Standards (IFRS).	
tudy the nature of assets, liabilities, and owners' equity while learning to use reported financial information for purposes of making decisions about the company. Students will be exposed to International Financial Reporting Standards (IFRS). <u>Instructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3

#### DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) FND16612B TCC Course: Principles of Managerial Accounting: (ACCT 2302) \*Courses may change due to availability This course is an introduction to the fundamental concepts of managerial accounting appropriate for all 13016600 organizations. Students will study information from the entity's accounting system relevant to decisions made by Grade level: 11 - 12 internal managers, as distinguished from information relevant to users who are external to the company. The HS Credit(s): 0.5 emphasis is on the identification and assignment of product costs, operational budgeting and planning, cost control, and management decision making. Topics include product costing methodologies, cost behavior, operational and capital budgeting, and performance evaluation. Instructional Material: TCC Course: Principles of Managerial Accounting (ACCT 2302) College Hour(s): 3 TCC Prerequisite(s): ACCT-2301 Tier I Course taught by an approved adjunct instructor. Offered only at: Marine Creek, Success HS, and TCC South Collegiate HS (P-Tech)

### **COURSE DESCRIPTIONS FOR THE ENERGY P-TECH**

HONORS PRINCIPLES OF APPLIED ENGINEERING AB (PRAPPENG AB/H)	STH36202AB
In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13036200 Grade level: 9
<u>Instructional Material</u> : Principles of Applied Engineering, Texas Edition Reid, et al. 2017, Pearson Education <u>Prerequisite(s)</u> : None	HS Credit(s): 1 College Hour(s): NA
Offered only at: Trimble Tech and I.M. Terrell	Tier II
HONORS PROJECT-BASED RESEARCH IN STEM AB (PROBS1 ST AB/H) *Previously Problems and Solutions STEM	STH01500AB
Honors Project Based Research is a course student will research a real-world problem. Students develop a project on a topic related to career interests, use scientific methods of investigation to conduct in-depth research, are matched with a mentor from the business or professional community, compile findings, and present their findings to an audience that includes experts in the field. This course must be cooperatively planned and supervised by the teacher ensuring that the student has guidance and support of a mentor or interdisciplinary team. The district must maintain a written project plan for each student enrolled in the course.	12701101 Grade level: 11-12 HS Credit(s): 1
Instructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : TBD	College Hour(s): NA <b>Tier II</b>
Offered only at: Dunbar and TCC South Collegiate HS	
HONORS UNPAID PRACTICUM IN BUSINESS MANAGEMENT/d AB (PRACBM AB) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within the designated program of study This course is designed to give students supervised practical application of previously studied knowledge and skill. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences such as independent study, assistantships, mentorships, or laboratories. The various in-class capstone experiences include students working in a simulated environment, running an enterprise, or be involved in program-specific local projects the school has approved for this class. Additional capstone experiences also include students being selected to be a part of a work-based experience or industry training off-site, outside of school. Students will build a professional portfolio demonstrating skills in Business Management.	BAH12202AB 13012200 Grade level: 11-12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisites</u> : 2 credits from a combination of Business courses Offered at: TCC South Collegiate HS	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION I AB (CAREERP1 AB)	CP01300AB
This course is a paid capstone experience for students who have found employment for the school year. Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with paid business and industry employment experiences. It supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction, and are employed for <u>ten hours per week</u> (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan.	12701121 Grade level: 11 - 12 HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>

Prerequisite(s): None

Tier III

CAREER PREPARATION II AB (CAREERP2 AB)	CP01400AB
The Career Preparation II course is for those students who are taking a Career Preparation course for the second	12701122
time and continue or have new employment during the duration of the course; working <u>ten hours per week</u> (or	Grade level: 12
average of 20 hours across two weeks). This course provides the same opportunities and requirements as the Career Preparation I course.	HS Credit(s): 2
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): None	Tier III
CAREER PREPARATION I/EXTENDED I AB (EXCAREE1 AB)	CP01302AB
This course is a paid capstone experience for students who have found employment for the school year. Career	12701305
Preparation I/Extended provides opportunities for students to participate in a work-based learning experience	Grade level: 11-12
that combines classroom instruction with paid business and industry employment experiences. It supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with	HS Credit(s): 3
a variety of skills for a fast-changing workplace. Students are taught employability skills, which include job-	
specific skills applicable to their training station, job interview techniques, communication skills, financial and	
budget activities, human relations, and portfolio development. Career preparation is relevant and rigorous,	
supports student attainment of academic standards, and effectively prepares students for college and career	
success. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security	
card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that	
students make a full year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction, and are employed for <u>fifteen hours per week</u> (or average of 30 hours across two weeks) at	
an approved site within ten days of the beginning of the course. Work hours can be included during the school	
day or outside of school hours. If work hours are during the school day, students can be scheduled for work	
release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation	
olan.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
<u>Prerequisite(s)</u> : 2 credits from a combination of Business courses Offered at: TCC South Collegiate HS and Paschal	Tier II
DUAL CREDIT BUSINESS LAW (BUSLAW AB DC)	BAD11701AB
TCC COURSE: BUSINESS LAW (BUS 2301)	DADITIVIAD
*Course offerings may vary each year due to availability	
This course provides the student with foundational information about the U.S. legal system and dispute	13011700
resolution, and their impact on business. The major content areas will include general principles of law, the	Grade level: 11 - 12
relationship of business and the U.S. Constitution, state and federal legal systems, the relationship between law	HS Credit(s): 1
and ethics, contracts, sales, torts, agency law, intellectual property, and business law in the global context.	
Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): 3 <b>Tier I</b>
Offered only at: TCC South Collegiate HS (P-Tech) and Diamond Hill Jarvis (P-Tech)	
DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC)	BAD12102AB
TCC COURSE: Business Principles (BUSI 1301)	
Course offerings may vary each year due to availability	
This course provides a survey of economic systems, forms of business ownership, and considerations for running	13012100
a business. Students will learn various aspects of business, management, and leadership functions;	Grade level: 10-12
organizational considerations; and decision-making process. Financial topics are introduced, including accounting, money and banking, and securities markets. Also included are discussions of business challenges in	HS Credit(s): 1
the legal and regulatory environment, business ethics, social responsibility, and International business.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): 3
Prerequisite(s): None	Tier I
Offered only at: TCC South Collegiate HS (P-Tech)	
DUAL CREDIT BUSINESS ENGLISH AB (BUSENGL AB DC)	BAD11600AB
TCC COURSE: Communication in Management (BSMGT 1305)	
*Course offerings may vary each year due to availability In this course, students will focus on the basic theory and processes of communication skills necessary for the	13011600
management of an organization's workforce.	Grade level: 10-12
nanagement of an organization's workforce.	HS Credit(s): 1
<u>Instructional Material</u> : Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): 3
Offered only at: TCC South Collegiate HS (P-Tech)	Tier I
DUAL CREDIT ACCOUNTING IA (ACCOUNT1 A DC)	FND16612A
TCC Course: Principles of Financial Accounting: (ACCT 2301)	
*Course offerings may vary each year due to availability	
	13016600
	Canada Jawy 1 1 1 1 2
This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations. Students will examine the procedures and systems to accumulate, analyze, measure, and record	Grade level: 11 - 12 HS Credit(s): 0.5

Instructional Material: TCC Course: Principles of Financial Accounting (ACCT 2301)	College Hour(s): 3
TCC Prerequisite(s): TSI compliant in Math	Tierl
TCC Recommended Co-requisites: MATH 1324	
Course taught by an approved adjunct instructor.	
Offered only at: Marine Creek and TCC South Collegiate HS (P-Tech)	
DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC)	FND16612B
TCC Course: Principles of Managerial Accounting: (ACCT 2302)	
*Course offerings may vary each year due to availability	
This course is an introduction to the fundamental concepts of managerial accounting appropriate for all	13016700
organizations. Students will study information from the entity's accounting system relevant to decisions made by internal managers, as distinguished from information relevant to users who are external to the company. The	Grade level: 11 - 12 HS Credit(s): 0.5
emphasis is on the identification and assignment of product costs, operational budgeting and planning, cost	HS Cledit(S). 0.5
control, and management decision making. Topics include product costing methodologies, cost behavior,	
operational and capital budgeting, and performance evaluation.	
Instructional Material: TCC Course: Principles of Managerial Accounting (ACCT 2302)	College Hour(s): 3
TCC Prerequisite(s): ACCT-2301	Tier I
Course taught by an approved adjunct instructor.	
Offered only at: Marine Creek and TCC South Collegiate HS (P-Tech)	
DUAL CREDIT ROBOTICS I AB (ROBOT IAB DC)	STD37002AB
TCC Course: Robotics Mechanisms (RBTC 1351)	
*Course offerings may vary each year due to availability	12027000
In this course, students learn the application of principles and the calculation of practical problems involving four bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion	13037000 Grade level: 12
concepts, velocities, and motions.	HS Credit(s): 1
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	College Hour(s): 3
materials.	Tier I
<u>Prerequisite(s)</u> : None	
<u>TCC Prerequisite(s)</u> : MATH 1332	
Offered only at: Dunbar (P-Tech) and TCC South Collegiate HS (P-Tech)	
DUAL CREDIT AC/DC ELECTRONICS AB (ACDCELEC DC AB)	STD36802AB
TCC Course: DC-AC Circuits (CETT 1409)	
*Course offerings may vary each year due to availability	1202000
In this course, students learn the fundamentals of DC circuits and AC circuits operation including Ohm's law, Kirchhoff's laws, networks, transformers, resonance, phasors, capacitive and inductive and circuit analysis	13036800 Grade level: 10-12
techniques. Emphasis on circuit simulation using PSpice. Course includes soldering techniques, hand tools,	HS Credit(s): 1
circuit fabrication techniques, troubleshooting techniques and circuit analysis using Mathcad.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	College Hour(c): 1
	College $\Pi Out(s)$ . 4
materials.	College Hour(s): 4 <b>Tier I</b>
materials. <u>Prerequisite(s)</u> : None	-
materials.	-
materials. <u>Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. <u>Offered only at: TCC South Collegiate HS (P-Tech)</u>	Tier I
materials. <u>Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. <u>Offered only at: TCC South Collegiate HS (P-Tech)</u> <b>DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC)</b>	-
materials. <u>Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. <u>Offered only at: TCC South Collegiate HS (P-Tech)</u> <b>DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC)</b> <b>TCC Course: Programmable Logic Controllers (RBTC 1401)</b>	Tier I
materials. <u>Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. <u>Offered only at: TCC South Collegiate HS (P-Tech)</u> <b>DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401)</b> *Course offerings may vary each year due to availability	Tier I STD36902A
materials. <u>Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) <b>DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401)</b> *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units,	Tier I STD36902A 13036900
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and	Tier I STD36902A 13036900 Grade level: 10-12
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming.	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and	Tier I STD36902A 13036900 Grade level: 10-12
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: Dunbar HS (P-Tech) and TCC South Collegiate HS (P-Tech)	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4 Tier I
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: Dunbar HS (P-Tech) and TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS B (SOSTELEC B DC)	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: Dunbar HS (P-Tech) and TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS B (SOSTELEC B DC) TCC Course: Solid State Circuits (CETT 1441)	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4 Tier I
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: Dunbar HS (P-Tech) and TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS B (SOSTELEC B DC) TCC Course: Solid State Circuits (CETT 1441) *Course offerings may vary each year due to availability	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4 Tier I STD36902B
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: Dunbar HS (P-Tech) and TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS B (SOSTELEC B DC) TCC Course: Solid State Circuits (CETT 1441) *Course offerings may vary each year due to availability In this course, students study various semiconductor devices incorporated in circuits and their applications.	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4 Tier I STD36902B 13036900
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: Dunbar HS (P-Tech) and TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS B (SOSTELEC B DC) TCC Course: Solid State Circuits (CETT 1441) *Course offerings may vary each year due to availability In this course, students study various semiconductor devices incorporated in circuits and their applications. Emphasis on circuit construction, measurements, and analysis.	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4 Tier I STD36902B 13036900 Grade level: 10-12
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: Dunbar HS (P-Tech) and TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS B (SOSTELEC B DC) TCC Course: Solid State Circuits (CETT 1441) *Course offerings may vary each year due to availability In this course, students study various semiconductor devices incorporated in circuits and their applications. Emphasis on circuit construction, measurements, and analysis. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4 Tier I STD36902B 13036900 Grade level: 10-12 HS Credit(s): 0.5
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: Dunbar HS (P-Tech) and TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS B (SOSTELEC B DC) TCC Course: Solid State Circuits (CETT 1441) *Course offerings may vary each year due to availability In this course, students study various semiconductor devices incorporated in circuits and their applications. Emphasis on circuit construction, measurements, and analysis.	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4 Tier I STD36902B 13036900 Grade level: 10-12
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materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: Dunbar HS (P-Tech) and TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS B (SOSTELEC B DC) TCC Course: Solid State Circuits (CETT 1441) *Course offerings may vary each year due to availability In this course, students study various semiconductor devices incorporated in circuits and their applications. Emphasis on circuit construction, measurements, and analysis. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None CC Prerequisite(s): Contact the Office of Innovation corporated in circuits and their applications. Emphasis on circuit construction, measurements, and analysis. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None. TC Course: Solid State Circuits (CETT 1441) *Course offerings may vary each year due to availability In this course, students study various semiconductor devices incorporated in circuits and their applications. Emphasis on circuit construction, measurements, and analysis. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None. TC Course: Solid State Circuits (CETT 1409 and MATH 0362 with	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4 Tier I STD36902B 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4
materials. Prerequisite(s): None TCC Prerequisite(s): MATH 0362 with a minimum grade of C or appropriate TSI Math placement score. Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC) TCC Course: Programmable Logic Controllers (RBTC 1401) *Course offerings may vary each year due to availability In this course, students will learn about programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: Dunbar HS (P-Tech) and TCC South Collegiate HS (P-Tech) DUAL CREDIT SOLID STATE ELECTRONICS B (SOSTELEC B DC) TCC Course: Solid State Circuits (CETT 1441) *Course offerings may vary each year due to availability In this course, students study various semiconductor devices incorporated in circuits and their applications. Emphasis on circuit construction, measurements, and analysis. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Course: Solid State Circuits (CETT 1441) *Course offerings may vary each year due to availability In this course, students study various semiconductor devices incorporated in circuits and their applications. Emphasis on circuit construction, measurements, and analysis. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None. TCC Prerequisite(s): CETT 1409 and MATH 0362 with a minimum grade of C or appropriate TSI Math placement	Tier I STD36902A 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4 Tier I STD36902B 13036900 Grade level: 10-12 HS Credit(s): 0.5 College Hour(s): 4

DUAL CREDIT DIGITAL ELECTRONICS AB (DIGELC AB DC)	STD37443AB
TCC Course: Digital Systems (CETT 1449)	51D5/445AD
*Course offerings may vary each year due to availability	
In this course, students will learn about electronics covering digital systems. Emphasis on application and	13037600
troubleshooting digital systems using counters, registers, code converters, multiplexers, analog-to-digital to-	Grade level: 10-12
analog circuits, and large-scale integrated circuits.	HS Credit(s): 1
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	College Hour(s): 4
materials.	Tier I
Prerequisite(s): None	
<u>TCC Prerequisite(s)</u> : MATH 0362 with a minimum grade of C or appropriate TSI Math placement score.	
Offered only at: Dunbar (P-Tech) and TCC South Collegiate HS (P-Tech)	
DUAL CREDIT APPLIED MATHEMATICS FOR TECHNICAL PROFESSIONALS AB	CPD0678AB
(APMTHTP AB DC)	
TCC Course: TECHNICAL CALCULATIONS (TECM 1303)	
*Course offerings may vary each year due to availability	10701410
In this course, students will learn specific mathematical calculations required by business, industry and the health	12701410
occupations.	Grade level: 11 - 12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	HS Credit(s): 1
materials.	College Hour(s): 3
<u>FWISD Prerequisite(s)</u> : None	Tier I
<u>TCC Prerequisite(s)</u> : MATH 0362 with a minimum grade of C or appropriate TSI Math placement score.	
Offered only at: TCC South Collegiate HS (P-Tech)	17037304 4 0
DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB)	ITD27201AB
TCC Course: INTRODUCTION TO COMPUTING (COSC 1301)	
*Course offerings may vary each year due to availability	
In this course, students will learn the overview of computer systems - hardware, operating systems, the internet,	13027200
and application software including word processing, spreadsheets, presentation graphics, and databases.	Grade level: 11 - 12
Current topics such as the effect of computers on society, and the history and use of computers in business,	HS Credit(s): 1
educational, and other interdisciplinary settings are also studied. This course is not intended to count toward a	
student's major field of study in business or computer science.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	College Hour(s): 3
materials.	Tier I
<u>FWISD Prerequisite(s)</u> : None	
<u>TCC Prerequisite(s)</u> : None	
Offered only at: Diamond Hill Jarvis (P-Tech), Eastern Hills (P-Tech), South Hills (P-Tech), and TCC South Collegiate	
HS (P-Tech)	
DUAL CREDIT DISTRIBUTION AND LOGISTICS FOR ENERGY AB (DISTLGSE AB DC)	TPD40300AB
TCC Course: DISTRIBUTIONS OPERATIONS (LMWK 1341)	
TCC Course: DISTRIBUTIONS OPERATIONS (LMWK 1341) *Course offerings may vary each year due to availability	
	13040300
*Course offerings may vary each year due to availability This course will focus on the study of the theoretical and practical operation of electric utility distribution systems. Topics include customer service voltages, capacitors, and coordination of protection equipment.	13040300 Grade level: 11 - 12
*Course offerings may vary each year due to availability This course will focus on the study of the theoretical and practical operation of electric utility distribution	
*Course offerings may vary each year due to availability This course will focus on the study of the theoretical and practical operation of electric utility distribution systems. Topics include customer service voltages, capacitors, and coordination of protection equipment.	Grade level: 11 - 12
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*Course offerings may vary each year due to availability This course will focus on the study of the theoretical and practical operation of electric utility distribution systems. Topics include customer service voltages, capacitors, and coordination of protection equipment. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): 3
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*Course offerings may vary each year due to availability This course will focus on the study of the theoretical and practical operation of electric utility distribution systems. Topics include customer service voltages, capacitors, and coordination of protection equipment. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT CONSTRUCTION TECHNOLOGY I AB/d (CONSTECH AB DC) TCC Course: REGULATION-CONSTRUCTION INDUSTRY (OSHT 1305)	Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b>
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*Course offerings may vary each year due to availability This course will focus on the study of the theoretical and practical operation of electric utility distribution systems. Topics include customer service voltages, capacitors, and coordination of protection equipment. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT CONSTRUCTION TECHNOLOGY I AB/d (CONSTECH AB DC) TCC Course: REGULATION-CONSTRUCTION INDUSTRY (OSHT 1305) *Course offerings may vary each year due to availability In this double blocked course, students will study Occupational Safety and Health Administration (OSHA) regulations pertinent to the construction industry.	Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> ARD00512AB 13005100 Grade level: 11 - 12
*Course offerings may vary each year due to availability This course will focus on the study of the theoretical and practical operation of electric utility distribution systems. Topics include customer service voltages, capacitors, and coordination of protection equipment. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None TCC Prerequisite(s): None Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT CONSTRUCTION TECHNOLOGY I AB/d (CONSTECH AB DC) TCC Course: REGULATION-CONSTRUCTION INDUSTRY (OSHT 1305) *Course offerings may vary each year due to availability In this double blocked course, students will study Occupational Safety and Health Administration (OSHA) regulations pertinent to the construction industry. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> ARD00512AB 13005100 Grade level: 11 - 12 HS Credit(s): 2
*Course offerings may vary each year due to availability This course will focus on the study of the theoretical and practical operation of electric utility distribution systems. Topics include customer service voltages, capacitors, and coordination of protection equipment. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. Prerequisite(s): None CC Prerequisite(s): None Offered only at: TCC South Collegiate HS (P-Tech) DUAL CREDIT CONSTRUCTION TECHNOLOGY I AB/d (CONSTECH AB DC) TCC Course: REGULATION-CONSTRUCTION INDUSTRY (OSHT 1305) *Course offerings may vary each year due to availability In this double blocked course, students will study Occupational Safety and Health Administration (OSHA) regulations pertinent to the construction industry. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> ARD00512AB 13005100 Grade level: 11 - 12 HS Credit(s): 2 College Hour(s): 3
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Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	HS Credit(s): 1
materials.	College Hour(s): 4
<u>Prerequisite(s)</u> : None	Tier I
<u>TCC Prerequisite(s)</u> : None	
Offered only at: TCC South Collegiate HS (P-Tech)	
DUAL CREDIT ADVANCED MARKETING (ADVMKTG AB DC)	MKD34700AB
TCC COURSE: PRINCIPLES OF MARKETING (MRKG 1311)	
*Course offerings may vary each year due to availability	
In this course, students will gain an introduction to the marketing mix functions and processes. The course	13034700
topics include: identification of consumer and organizational needs and explanation of environmental issues.	Grade level: 11 - 12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	HS Credit(s): 1
materials.	College Hour(s): 3
Prerequisite(s): Dual Credit Business Management	Tier I
<u>TCC Prerequisite(s)</u> : BUSI 1301 and BMGT 1305	
Offered only at: TCC South Collegiate HS (P-Tech)	
DUAL CREDIT HEATING, VENTILATION, AIR CONDITIONG I AB (HVACREF1 AB DC)	MAD05800AB
TCC COURSE: ADVANCED ELECTRICITY FOR HVAC (HART 2431)	
*Course offerings may vary each year due to availability	
In this course, students will learn theory and practical application in the maintenance of commercial	13005800
refrigeration; medium, and low temperature applications and ice machines.	Grade level: 11 – 12
Instructional Material: Contact the Office Innovation, Early College Programs Department for related materials.	HS Credit(s): 1
Prerequisites: Foundations of Energy and TCC course: HART 1401	College Hour(s): 4
TCC Prerequisites: None.	Tier I
Offered only at: TCC South Collegiate HS (P-Tech)	

Business & Industry Endorsement

### FOR THE GRADUATING CLASS OF 2025 and beyond

The IT/Networking/Computer Maintenance P-TECH Academy offers one (1) Career Focus.

### Carter-Riverside High School IT/Networking/Computer Maintenance P-TECH Academy Convergence Cloud Technology Crosswalk

					Technology			
Gr.	9 <sup>th</sup> G	rade	10 <sup>th</sup>	Grade	11 <sup>th</sup> (	Grade	12 <sup>th</sup>	Grade
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	English I	English I	English II	English II	English III	English III	English IV	English IV
	World Geography	World Geography	World History	World History	US History	US History	Dual Credit US Government*	Economics
	Algebra I or Geometry	Algebra I or Geometry	Geometry or Algebra II	Geometry or Algebra II	Algebra II or Pre- Calculus	Algebra II or Pre- Calculus	Calculus or Pre- Calculus	Calculus or Pre- Calculus
	Biology	Biology	Chemistry/ IPC/ Physics	Chemistry /IPC/ Physics	3rd Science	3rd Science	4th Science	4th Science
	Dual Credit Fine Arts Dual Credit Speech		Health					
	PE	PE						
	World Language	World Language	World Language	World Language				Dual Credit Foundations of
chool	Language	Language	Language	Language				Cyber Security AB (ITD27904AB)
High School		Dual Credit Principles of Emerging Information Technology AB (ITD27211AB)	Dual Credit Networking for Cloud Systems A (ITD27403A) AND Dual Credit Networking for Cloud Systems B (ITD27403B)	Dual Credit Project-Based Research for IT AB (CPD01501AB) Dual Credit Networking AB <sup>2</sup> (ITD27402AB)	Dual Credit Internetworking Technologies for Cloud Systems IA (ITD28013A) AND/OR Dual Credit Unpaid Practicum in Emerging Information Technologies A (ITD28000A)	Dual Credit Internetworking for Cloud Systems II A (ITD28023A)	Dual Credit Computer Science I AB <sup>1</sup> (TAD2151AB) AND/OR Dual Credit Independent Study in Emerging Technologies I A (ITD81500A)	Dual Credit Engineering Applications of Computer Science Principles AB (STD03772AB) Dual Credit Unpaid Practicum in Emerging Information Technologies B (ITD28000B) AND/OR Dual Credit Independent Study in Emerging Technologies I B (ITD81500B) <b>ITSE 1450</b> <sup>#</sup>
	Art 1301		ITNW 1454*	ITNW 1409	ITSE 1479 <sup>#</sup>		ITNW 1436 <sup>#</sup>	ITNW 2427^
College		<i>. "</i>						
olle	SPCH 1321	CMPT 1403 <sup>#</sup>		ITNW 1372	MUST TAKE ONE:	MUST TAKE ONE:	MUST TAKE ONE:	MUST TAKE ONE:
ů				ITNW 1425#	DC MATH	DC MATH	DC MATH	DC MATH
				11NVV 1425"	ENGL 1301	ENGL 1302 or 2311	ENGL 1301	ENGL 1302, 2311, oi 1301
						GOVT 2305	GOVT 2305	ITSY 1300^
	Up to 6	Up to 7	Up to 7		Up to 13			

Degree: AAS Convergence Technologies: Cloud Technology^ - 60+ hours

**College Level Certification(s):** Advanced Convergence Technologies, Level 1; Convergence Cloud Technology<sup>#</sup>, Level 1 – 19-32 hours; or Convergence Technologies Occupational Skills Award – 10 hours

Industry Certification(s): Comp TIA Network\* or Cisco Certifications

To complete an AA degree, students have the option of completing dual credit core courses. \*TSI compliance or TSI waiver will determine if the course is taken as a Dual Credit course for TSI placement courses. Students that are not TSI met will take AP courses in-lieu of dual credit course. Students who complete Principles of Information Technology, Networking, Internetworking Technologies I, and Internetworking Technologies II will have met the requirements for the Networking Program of Study for a Business and Industry or STEM endorsement if the math and science requirements are met.

## COURSE DESCRIPTIONS FOR THE IT/NETWORKING/COMPUTER MAINTENANCE P-TECH

DUAL CREDIT UNPAID PRACTICUM IN EMERGING INFORMATION TECHNOLOGY A/D (PRACITET1 A DC)	ITD28000A
TCC Course: ITSE 1479- Intro to Scripting Languages	
n this course, students will explore scripting languages including basic data types, control structures, regular expressions, input/output, and textual analysis.	13028000 Grade level: 12
Instructional Material: Contact Career and Technical Education for related materials	HS Credit(s): 1
<u>-WISD Prerequisite(s)</u> : Dual Credit Cloud Internetworking II B	College Hour(s): 4
<u>CC Prerequisite(s)</u> : ITC1440, ITSC 1416, ITSE 1303, and ITSC1316	Tier I
)ffered at: Carter-Riverside HS (P-TECH)	
UAL CREDIT PRINCIPLES OF EMERGING INFORMATION TECHNOLOGY A (PRINET DC AB) CC Course: (CMPT 1403) Introduction to Computer Technology Course offerings may vary each year due to availability	ITD27211AB
itudents will be introduced to fundamental computer principles that provides explanation of the procedures to itilize hardware and software. Emphasis on terminology, acronyms, and hands-on activities. Lecture hours: 3; ab hours: 2	13027200 Grade level: 9-10
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	HS Credit(s): 1.0
WISD Prerequisite(s): None	College Hour(s): 4 <b>Tier I</b>
<u>CC Prerequisite(s)</u> : None	
ourse taught by a TCC-approved adjunct instructor	
)ffered at: Carter-Riverside HS (P-TECH)	
DUAL CREDIT NETWORKING AB (NTWRK DC AB)	ITD27402AB
CC Course: (ITNW 1425) Fundamentals of Networking Technologies	
Course offerings may vary each year due to availability	13027400
tudents will receive instruction in networking technologies and their implementation. Topics include the OSI efference model, network protocols, transmission media, and networking hardware and software.	Grade level: 10 – 12
<u>instructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials.	HS Credit(s): 1
rerequisite(s): None	College Hour(s): 4
<u>CC Prerequisite(s)</u> : ITSC 1305	Tier I
Course taught by a TCC-approved adjunct instructor	
)ffered at: Carter-Riverside (P-TECH), Eastern Hills (P-TECH) and South Hills (P-TECH)	
DUAL CREDIT NETWORKING FOR CLOUD SYSTEMS A (NTWRKC DC A)	ITD27403A
CC Course: (ITNW 1408) Implementing and Supporting Client Operating Systems Course offerings may vary each year due to availability	
tudents will learn the fundamentals of managing and configuring network clients. Skills development in the	13027400
nanagement of client as desktop operating systems.	Grade level: 10-11
istructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	HS Credit(s): 0.5
<u>WISD Prerequisite(s)</u> : Dual Credit Principles of Emerging Information Technologies B	College Hour(s): 4
<u>CC Prereguisite(s)</u> : ITNW1425	Tier I
ourse taught by a TCC-approved adjunct instructor	
Offered at: Carter-Riverside HS (P-TECH)	ITD27403B
Offered at: Carter-Riverside HS (P-TECH) DUAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B) TCC Course: (ITNW 1454) Implementing and Supporting Servers	ITD27403B
ffered at: Carter-Riverside HS (P-TECH) UAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B) CC Course: (ITNW 1454) Implementing and Supporting Servers Course offerings may vary each year due to availability	<b>ITD27403B</b> 13027400
Iffered at: Carter-Riverside HS (P-TECH) PUAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B) CC Course: (ITNW 1454) Implementing and Supporting Servers Course offerings may vary each year due to availability tudents will implement, administer, and troubleshoot information systems that incorporate servers in a etworked computing environment.	
Offered at: Carter-Riverside HS (P-TECH)  DUAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B)  TCC Course: (ITNW 1454) Implementing and Supporting Servers  Course offerings may vary each year due to availability  itudents will implement, administer, and troubleshoot information systems that incorporate servers in a networked computing environment.  Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	13027400
Offered at: Carter-Riverside HS (P-TECH) DUAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B) TCC Course: (ITNW 1454) Implementing and Supporting Servers Course offerings may vary each year due to availability tudents will implement, administer, and troubleshoot information systems that incorporate servers in a letworked computing environment. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	13027400 Grade level: 10-11
Interventional Material:       Contract the Office of Innovation, Early College Programs Department for related materials.         WISD Prerequisite(s):       Dual Credit Networking for CLOUD SYSTEMS B (NTWRKC DC B)	13027400 Grade level: 10-11 HS Credit(s): 0.5
ffered at: Carter-Riverside HS (P-TECH)         UAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B)         Course: (ITNW 1454) Implementing and Supporting Servers         Course offerings may vary each year due to availability         course offerings may vary each year due to availability         course offerings may vary each year due to availability         course offerings may vary each year due to availability         course offerings may vary each year due to availability         course offerings may vary each year due to availability         course offerings may vary each year due to availability         course offerings may vary each year due to availability         course offerings may vary each year due to availability         course offerings may vary each year due to availability         course offerings may vary each year due to availability         course offerings may vary each year due to availability         course to availability         structional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         MISD Prerequisite(s): Dual Credit Networking for Cloud Systems A       CC Recommended Prerequisite(s): ITNW 1408         ourse taught by a TCC-approved adjunct instructor	13027400 Grade level: 10-11 HS Credit(s): 0.5 College Hour(s): 4
Differed at: Carter-Riverside HS (P-TECH) DUAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B) CC Course: (ITNW 1454) Implementing and Supporting Servers Course offerings may vary each year due to availability tudents will implement, administer, and troubleshoot information systems that incorporate servers in a etworked computing environment. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): Dual Credit Networking for Cloud Systems A CC Recommended Prerequisite(s): ITNW 1408 Tourse taught by a TCC-approved adjunct instructor Offered at: Carter-Riverside (P-TECH)	13027400 Grade level: 10-11 HS Credit(s): 0.5 College Hour(s): 4 <b>Tier I</b>
Differed at: Carter-Riverside HS (P-TECH) DUAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B) CC Course: (ITNW 1454) Implementing and Supporting Servers Course offerings may vary each year due to availability tudents will implement, administer, and troubleshoot information systems that incorporate servers in a etworked computing environment. nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): Dual Credit Networking for Cloud Systems A CC Recommended Prerequisite(s): ITNW 1408 Course taught by a TCC-approved adjunct instructor Offered at: Carter-Riverside (P-TECH)	13027400 Grade level: 10-11 HS Credit(s): 0.5 College Hour(s): 4
Differed at: Carter-Riverside HS (P-TECH) DUAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B) CC Course: (ITNW 1454) Implementing and Supporting Servers Course offerings may vary each year due to availability tudents will implement, administer, and troubleshoot information systems that incorporate servers in a etworked computing environment. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): Dual Credit Networking for Cloud Systems A CC Recommended Prerequisite(s): ITNW 1408 Fourse taught by a TCC-approved adjunct instructor Differed at: Carter-Riverside (P-TECH) DUAL CREDIT PROJECT-BASED RESEARCH FOR IT (PROBSIT1 A/D) TCC Course: (ITNW 1313) Computer Virtualization	13027400 Grade level: 10-11 HS Credit(s): 0.5 College Hour(s): 4 <b>Tier I</b>
Differed at: Carter-Riverside HS (P-TECH) DUAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B) TCC Course: (ITNW 1454) Implementing and Supporting Servers Course offerings may vary each year due to availability tudents will implement, administer, and troubleshoot information systems that incorporate servers in a etworked computing environment. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): Dual Credit Networking for Cloud Systems A CC Recommended Prerequisite(s): ITNW 1408 Tourse taught by a TCC-approved adjunct instructor Differed at: Carter-Riverside (P-TECH) DUAL CREDIT PROJECT-BASED RESEARCH FOR IT (PROBSIT1 A/D) TCC Course: (ITNW 1313) Computer Virtualization Course offerings may vary each year due to availability	13027400 Grade level: 10-11 HS Credit(s): 0.5 College Hour(s): 4 <b>Tier I</b> <b>CPD01501A</b>
Differed at: Carter-Riverside HS (P-TECH) DUAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B) TCC Course: (ITNW 1454) Implementing and Supporting Servers Course offerings may vary each year due to availability itudents will implement, administer, and troubleshoot information systems that incorporate servers in a networked computing environment. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): Dual Credit Networking for Cloud Systems A TCC Recommended Prerequisite(s): ITNW 1408 Course taught by a TCC-approved adjunct instructor Differed at: Carter-Riverside (P-TECH) DUAL CREDIT PROJECT-BASED RESEARCH FOR IT (PROBSIT1 A/D) TCC Course: (ITNW 1313) Computer Virtualization Course offerings may vary each year due to availability itudents will learn the fundamentals of managing and configuring network clients. Skills development in the	13027400 Grade level: 10-11 HS Credit(s): 0.5 College Hour(s): 4 <b>Tier I</b> <b>CPD01501A</b> 12701101
Differed at: Carter-Riverside HS (P-TECH) DUAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B) TCC Course: (ITNW 1454) Implementing and Supporting Servers Course offerings may vary each year due to availability tudents will implement, administer, and troubleshoot information systems that incorporate servers in a etworked computing environment. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): Dual Credit Networking for Cloud Systems A CC Recommended Prerequisite(s): ITNW 1408 Course taught by a TCC-approved adjunct instructor Differed at: Carter-Riverside (P-TECH) DUAL CREDIT PROJECT-BASED RESEARCH FOR IT (PROBSIT1 A/D) TCC Course: (ITNW 1313) Computer Virtualization Course offerings may vary each year due to availability tudents will learn the fundamentals of managing and configuring network clients. Skills development in the hanagement of client as desktop operating systems.	13027400 Grade level: 10-11 HS Credit(s): 0.5 College Hour(s): 4 <b>Tier I</b> <b>CPD01501A</b> 12701101 Grade level: 10-11
Differed at: Carter-Riverside HS (P-TECH)         DUAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B)         Course: (ITNW 1454) Implementing and Supporting Servers         Course offerings may vary each year due to availability         tudents will implement, administer, and troubleshoot information systems that incorporate servers in a etworked computing environment.         nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         WISD Prerequisite(s): Dual Credit Networking for Cloud Systems A         CC Recommended Prerequisite(s): ITNW 1408         course taught by a TCC-approved adjunct instructor         Differed at: Carter-Riverside (P-TECH)         DUAL CREDIT PROJECT-BASED RESEARCH FOR IT (PROBSIT1 A/D)         CC Course: (ITNW 1313) Computer Virtualization         Course offerings may vary each year due to availability         tudents will learn the fundamentals of managing and configuring network clients. Skills development in the nanagement of client as desktop operating systems.         nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	13027400 Grade level: 10-11 HS Credit(s): 0.5 College Hour(s): 4 <b>Tier I</b> <b>CPD01501A</b> 12701101
Differed at: Carter-Riverside HS (P-TECH) DUAL CREDIT NETWORKING FOR CLOUD SYSTEMS B (NTWRKC DC B) TCC Course: (ITNW 1454) Implementing and Supporting Servers Course offerings may vary each year due to availability tudents will implement, administer, and troubleshoot information systems that incorporate servers in a etworked computing environment. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): Dual Credit Networking for Cloud Systems A CC Recommended Prerequisite(s): ITNW 1408 Course taught by a TCC-approved adjunct instructor Differed at: Carter-Riverside (P-TECH) DUAL CREDIT PROJECT-BASED RESEARCH FOR IT (PROBSIT1 A/D) TCC Course: (ITNW 1313) Computer Virtualization Course offerings may vary each year due to availability tudents will learn the fundamentals of managing and configuring network clients. Skills development in the	13027400 Grade level: 10-11 HS Credit(s): 0.5 College Hour(s): 4 <b>Tier I</b> <b>CPD01501A</b> 12701101 Grade level: 10-11 HS Credit(s): 0.5

Offered at: Carter-Riverside HS (P-TECH)	
DUAL CREDIT PROJECT-BASED RESEARCH FOR IT (PROBSIT1 B/D)	CPD01501B
TCC Course: (ITNW 1372) VMware, vSphere: Install, Configure, and Manage	
*Course offerings may vary each year due to availability	
Students will explore installation, configuration, and management of VMware, VSphere, ESXI, and VCenter Server	. 12701101
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	
FWISD Prerequisite(s): Dual Credit Networking for Cloud Systems B	HS Credit(s): 0.5
TCC Prerequisite(s): ITNW1454 and INTW 1425	College Hour(s): 3
Course taught by a TCC-approved adjunct instructor	Tier I
Offered at: Carter-Riverside HS (P-TECH)	
DUAL CREDIT INTERNETWORKING TECHNOLOGIES FOR CLOUD SYSTEMS I A	ITD28013A
(INTNETC1 DC A)	
TCC Course: ITSC 1416 Linux Installation and Configuration	
*Course offerings may vary each year due to availability	N1202002
Students will be introduced to the Linux operating system. Course topics include Linux installation, basic	N1302803
administration, utilities and commands, upgrading, networking, security, and application installation.	Grade level: 10-12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): None	
TCC Prerequisite(s): None	College Hour(s): 4 <b>Tier I</b>
Course taught by a TCC-approved adjunct instructor	
Offered at: Carter-Riverside (P-TECH)	
DUAL CREDIT INDEPENDENT STUDY IN EMERGING TECHNOLOGIES I A (TAINDET1 A DC)	ITD81500A
TCC Course: ITNW 1436 Cloud Deployment/Infrst Mgmt	IDUIJUUA
*Course offerings may vary each year due to availability	
Students will receive instruction in on-Cloud infrastructure, deployment, security models, and key considerations	03581500
in migrating to Cloud computing. Includes the technologies and processes required to build on-premise and	Grade level: 11-12
Cloud environments, including computation, storage, networking, virtualization, business continuity, security, and	
management.	a 
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	HS Credit(s): 0.5
<u>FWISD Prerequisite(s)</u> : N/A	College Hour(s): 4
TCC Prerequisite(s): ITSC 1316	Tier I
Course taught by a TCC-approved adjunct instructor	
Offered at: Carter-Riverside (P-TECH)	
DUAL CREDIT INDEPENDENT STUDY IN EMERGING TECHNOLOGIES I B (TAINDETI B DC)	ITD81500B
TCC Course: (ITNW 2427) Advanced Cloud Concepts	
*Course offerings may vary each year due to availability	
Students will receive instruction on enterprise Cloud architecture, with advanced topics including multi-Cloud	03581500
platforms inclusive of computing, networking, storage, monitoring and database.	Grade level: 11-12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	
FWISD Prerequisite(s): Dual Credit Independent Studies in Emerging Technologies 1A	College Hour(s): 4
<u>TCC Prerequisite(s)</u> : N/A	Tier I
Course taught by a TCC-approved adjunct instructor	
Offered at: Carter-Riverside (P-TECH)	
DUAL CREDIT INTERNETWORKING TECHNOLOGIES FOR CLOUD SYSTEMS II AB	ITD28023AB
TCC Course: (ITSE 1303) Introduction to MySQL	
TCC Course: (ITSE 1303) Introduction to MySQL *Course offerings may vary each year due to availability	
TCC Course: (ITSE 1303) Introduction to MySQL	N1302804
<b>TCC Course: (ITSE 1303) Introduction to MySQL</b> *Course offerings may vary each year due to availability Students will receive instruction on the fundamentals of SQL and relational databases. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	Grade level: 11-12
<b>TCC Course: (ITSE 1303) Introduction to MySQL</b> *Course offerings may vary each year due to availability Students will receive instruction on the fundamentals of SQL and relational databases. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials <u>FWISD Prerequisite(s)</u> : None	Grade level: 11-12 HS Credit(s): 0.5
<b>TCC Course: (ITSE 1303) Introduction to MySQL</b> *Course offerings may vary each year due to availability Students will receive instruction on the fundamentals of SQL and relational databases. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials <u>FWISD Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : ITCC 1440	Grade level: 11-12 HS Credit(s): 0.5 College Hour(s): 3
<b>TCC Course: (ITSE 1303) Introduction to MySQL</b> *Course offerings may vary each year due to availability Students will receive instruction on the fundamentals of SQL and relational databases. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials <u>FWISD Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : ITCC 1440 Course taught by a TCC-approved adjunct instructor	Grade level: 11-12 HS Credit(s): 0.5
TCC Course: (ITSE 1303) Introduction to MySQL         *Course offerings may vary each year due to availability         Students will receive instruction on the fundamentals of SQL and relational databases.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): None         TCC Prerequisite(s): ITCC 1440         Course taught by a TCC-approved adjunct instructor         Offered at: Carter-Riverside (P-TECH)	Grade level: 11-12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b>
<b>TCC Course:</b> (ITSE 1303) Introduction to MySQL         *Course offerings may vary each year due to availability         Students will receive instruction on the fundamentals of SQL and relational databases.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): None         TCC Prerequisite(s): ITCC 1440         Course taught by a TCC-approved adjunct instructor         Offered at: Carter-Riverside (P-TECH)         DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB)	Grade level: 11-12 HS Credit(s): 0.5 College Hour(s): 3
TCC Course: (ITSE 1303) Introduction to MySQL         *Course offerings may vary each year due to availability         Students will receive instruction on the fundamentals of SQL and relational databases.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): None         TCC Prerequisite(s): ITCC 1440         Course taught by a TCC-approved adjunct instructor         Offered at: Carter-Riverside (P-TECH)         DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB)         TCC Course: (ITNW 1309) Fundamentals of Cloud Computing	Grade level: 11-12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b>
TCC Course: (ITSE 1303) Introduction to MySQL         *Course offerings may vary each year due to availability         Students will receive instruction on the fundamentals of SQL and relational databases.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): None         TCC Prerequisite(s): ITCC 1440         Course taught by a TCC-approved adjunct instructor         Offered at: Carter-Riverside (P-TECH)         DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB)         TCC Course: (ITNW 1309) Fundamentals of Cloud Computing         *Course offerings may vary each year due to availability	Grade level: 11-12 HS Credit(s): 0.5 College Hour(s): 3 Tier I TAD2151AB
TCC Course: (ITSE 1303) Introduction to MySQL         *Course offerings may vary each year due to availability         Students will receive instruction on the fundamentals of SQL and relational databases.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): None         TCC Prerequisite(s): ITCC 1440         Course taught by a TCC-approved adjunct instructor         Offered at: Carter-Riverside (P-TECH)         DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB)         TCC Course: (ITNW 1309) Fundamentals of Cloud Computing         *Course offerings may vary each year due to availability         Students will be introduced to personal computer operating systems including installation, configuration, file	Grade level: 11-12 HS Credit(s): 0.5 College Hour(s): 3 Tier I TAD2151AB
Students will receive instruction on the fundamentals of SQL and relational databases. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): None TCC Prerequisite(s): ITCC 1440 Course taught by a TCC-approved adjunct instructor Offered at: Carter-Riverside (P-TECH) DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB) TCC Course: (ITNW 1309) Fundamentals of Cloud Computing *Course offerings may vary each year due to availability Students will be introduced to personal computer operating systems including installation, configuration, file management, memory and storage management, control of peripheral devices, and use of utilities.	Grade level: 11-12 HS Credit(s): 0.5 College Hour(s): 3 Tier I TAD2151AB 03580200 Grade level: 11-12
TCC Course: (ITSE 1303) Introduction to MySQL         *Course offerings may vary each year due to availability         Students will receive instruction on the fundamentals of SQL and relational databases.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): None         TCC Prerequisite(s): ITCC 1440         Course taught by a TCC-approved adjunct instructor         Offered at: Carter-Riverside (P-TECH)         DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB)         TCC Course: (ITNW 1309) Fundamentals of Cloud Computing         *Course offerings may vary each year due to availability         Students will be introduced to personal computer operating systems including installation, configuration, file management, memory and storage management, control of peripheral devices, and use of utilities.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	Grade level: 11-12 HS Credit(s): 0.5 College Hour(s): 3 Tier I TAD2151AB 03580200 Grade level: 11-12 HS Credit(s): 1
TCC Course: (ITSE 1303) Introduction to MySQL         *Course offerings may vary each year due to availability         Students will receive instruction on the fundamentals of SQL and relational databases.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): None         TCC Prerequisite(s): ITCC 1440         Course taught by a TCC-approved adjunct instructor         Offered at: Carter-Riverside (P-TECH)         DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB)         TCC Course: (ITNW 1309) Fundamentals of Cloud Computing         *Course offerings may vary each year due to availability         Students will be introduced to personal computer operating systems including installation, configuration, file         management, memory and storage management, control of peripheral devices, and use of utilities.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): None	Grade level: 11-12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b> <b>TAD2151AB</b> 03580200 Grade level: 11-12 HS Credit(s): 1 College Hour(s): 3
TCC Course: (ITSE 1303) Introduction to MySQL         *Course offerings may vary each year due to availability         Students will receive instruction on the fundamentals of SQL and relational databases.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): None         TCC Prerequisite(s): ITCC 1440         Course taught by a TCC-approved adjunct instructor         Offered at: Carter-Riverside (P-TECH)         DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB)         TCC Course: (ITNW 1309) Fundamentals of Cloud Computing         *Course offerings may vary each year due to availability         Students will be introduced to personal computer operating systems including installation, configuration, file management, memory and storage management, control of peripheral devices, and use of utilities.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	Grade level: 11-12 HS Credit(s): 0.5 College Hour(s): 3 Tier I TAD2151AB 03580200 Grade level: 11-12 HS Credit(s): 1

Offered at: Carter-Riverside HS (P-TECH)	
DUAL CREDIT FOUNDATIONS OF CYBERSECURITY AB (FODCYBER DC AB)	ITD27904AB
TCC Course: (ITSY 1300) Fundamentals of Information Security	
*Course offerings may vary each year due to availability	
Students will be introduced to information security including vocabulary and terminology, ethics, the legal	03580850
environment, and risk management. Identification of exposures and vulnerabilities and appropriate	Grade level: 10-12
countermeasures are addressed. The importance of appropriate planning, policies and controls is also discussed.	HS Credit(s): 1
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 3
<u>FWISD Prerequisite(s)</u> : None	Tier I
<u>TCC Prerequisite(s)</u> : None	
Course taught by a TCC-approved adjunct instructor	
Offered at: Carter-Riverside HS (P-TECH)	
DUAL CREDIT ENGINEERING APPLICATIONS FOR COMPUTER SCIENCE PRINCIPLES (EACSP AB DC)	STD03772AB
TCC Course: (ITSE 1450) System Analysis and Design	
*Course offerings may vary each year due to availability	
This is a design-based high school course for students who want to expand and deepen their engineering design	N1303772
skills and habits of mind through the purposeful integration and application of computer science (CS) principles	Grade level: 11 - 12
and practices. Additionally, students will be introduced to the planning, design, and construction of computer	HS Credit(s): 1
information systems using the systems development life cycle and other appropriate design tools.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 4
FWISD Prerequisite(s): Dual Credit Computer Science III	Tier I
TCC Prerequisite: N/A	
Course taught by a TCC-approved adjunct instructor	

Offered only at: Carter-Riverside HS (P-TECH)

Business & Industry Endorsement

### FOR THE GRADUATING CLASS OF 2025 and beyond

The Architecture/Construction & Logistics P-TECH Academy offers three (3) Career Focuses.

### Diamond Hill-Jarvis High School Architecture/Construction Logistics P-TECH Academy Architecture Crosswalk

Spring English I or II Algebra I or Geometry World Geography Biology Dual Credit Speech * World Language PE Dual Credit Principles of	Fall English II or *III Geometry or Algebra II *AP World History Chemistry Dual Credit Fine Arts * World Language	Spring English II or *III Geometry or Algebra II *AP World History Chemistry World Language	Fall *English III or IV Algebra II or *Pre- Calculus *AP US History Physics	Spring *English III or IV Algebra II or *Pre- Calculus *AP US History Physics *Econ. or Dual	Fall         *English IV         *Pre-Calculus,         *Calculus or         *Statistics         *Econ. or Dual         Credit Govt.         4th Year Science	Grade Spring *English IV *Pre-Calculus, *Calculus or *Statistic if needed 4th Year Science
English I or II Algebra I or Geometry World Geography Biology Dual Credit Speech * World Language PE Dual Credit Principles of	English II or *III Geometry or Algebra II *AP World History Chemistry Dual Credit Fine Arts *	English II or *III Geometry or Algebra II *AP World History Chemistry	*English III or IV Algebra II or *Pre- Calculus *AP US History	*English III or IV Algebra II or *Pre- Calculus *AP US History Physics	*English IV *Pre-Calculus, *Calculus or *Statistics *Econ. or Dual Credit Govt.	*English IV *Pre-Calculus, *Calculus or *Statistic if needed
Geometry World Geography Biology Dual Credit Speech * World Language PE Dual Credit Principles of	Algebra II *AP World History Chemistry Dual Credit Fine Arts *	Algebra II *AP World History Chemistry	Calculus *AP US History	Calculus *AP US History Physics	*Calculus or *Statistics *Econ. or Dual Credit Govt.	*Calculus or *Statistic if needed
Geography Biology Dual Credit Speech * World Language PE Dual Credit Principles of	History Chemistry Dual Credit Fine Arts *	Chemistry		Physics	Credit Govt.	Ath Year Science
Biology Dual Credit Speech * World Language PE Dual Credit Principles of	Chemistry Dual Credit Fine Arts *		Physics	,		4th Vear Science
Dual Credit Speech * World Language PE Dual Credit Principles of	Dual Credit Fine Arts *		,	,		
World Language PE Dual Credit Principles of		World Language		Credit Govt.		
PE Dual Credit Principles of		trond Language	Possible Elective	Possible Elective		
Principles of						
	Dual Credit Architectural	Dual Credit Architectural	Dual Credit Computer Aided	Dual Credit Construction	Dual Credit Unpaid Practicum in	Dual Credit Unpaid Practicum in
Architecture B <sup>1</sup> (ARD04200	Design I A <sup>1</sup> (ARD04602A)	Design II/d A <sup>1</sup> (ARD04702A)	Drafting for Architecture A <sup>1</sup>	Management for Architecture I/d A <sup>1</sup>	Architectural Design/d l A <sup>1</sup> (ARD04802A)	Architectural Design/d II A <sup>1</sup> (ARD04810AB)
В)			(ARD00429A)	(ARD04903A)		
Dual Credit	Dual Credit Architectural	Dual Credit Principles of	Dual Credit Computer Aided	Dual Credit Construction	Dual Credit Unpaid Practicum in	
Communi- cation T <sup>2</sup> (AVD09901	(ARD04602B)	Architecture A <sup>2</sup> (ARD04202A)	for Architecture B <sup>2</sup> (ARD00429B)	Architecture I/d B <sup>2</sup> (ARD04903B)	Architectural Design/d I B <sup>2</sup> (ARD04802B)	
.,		Dual Credit Principles of Construction for Architecture B <sup>3</sup> (ARD04202B)	Dual Credit Architectural Design II/d B <sup>3</sup> (ARD04702B)			
ARCH 1311 <sup>1</sup>	ARTS 1301**	ARCH 1304 <sup>1</sup>	<b>ARCH 1307</b> <sup>1</sup>	<b>ARCH 2301</b> <sup>1</sup>	ENG 1301**	ENGL 1302
SPCH	<b>ARCH 2312</b> <sup>1</sup>	<b>ARCE 1342</b> <sup>2</sup>	ARCH 1308 <sup>2</sup>	SRVY 1301 <sup>2</sup>	MATH 1314**	MATH 2412
	<b>ARCH 1303</b> <sup>2</sup>	<b>ARCE 2352</b> <sup>3</sup>	<b>ARCH 1301</b> <sup>3</sup>	GOVT 2305	ARCH 1302 <sup>1</sup>	ARCT 2367 <sup>1***</sup>
Up to 6	Up to 9	Up to 9	Up to 9	Up to 9		Up to 10
	Dual Credit Professional Communi- cation T <sup>2</sup> (AVD09901 T) T) ARCH 1311 <sup>1</sup> SPCH 1321 <sup>2</sup> ** Up to 6 Architectural Tect I Certification(s) 10 hours.	Dual       Dual Credit         Credit       Architectural         Professional       Design IB <sup>2</sup> Communi-       (ARD04602B)         cation T <sup>2</sup> (ARD04602B)         (AVD09901       T)         T)       ARCH         ARCH       ARTS 1301**         1311 <sup>1</sup> ARCH 2312 <sup>1</sup> SPCH       ARCH 1303 <sup>2</sup> Up to 6       Up to 9         Architectural Technology - 60 hours         ICertification(s): Architectural CAD C         10 hours.         iification(s): Autodesk Certified User i	Dual     Dual Credit     Dual Credit       Credit     Architectural     Principles of       Professional     Design IB <sup>2</sup> Construction for       Communi-     (ARD04602B)     Architecture A <sup>2</sup> (AVD09901     (ARD04602B)     Architecture A <sup>2</sup> (AVD09901     Dual Credit     Principles of       T)     Dual Credit     Principles of       Construction for     Architecture B <sup>3</sup> (ARD04202B)     Architecture B <sup>3</sup> (ARD04202B)     ARCH       ARCH     ARTS 1301**       ARCH 1303 <sup>2</sup> ARCE 1342 <sup>2</sup> 1321 <sup>2</sup> **     ARCE 1303 <sup>2</sup> Up to 6     Up to 9       Up to 6     Up to 9       Up to 6     Up to 9       Architectural Technology - 60 hours       I Certification(s): Architectural CAD Operator, Level 1; Archite 10 hours.	Dual       Dual Credit       Dual Credit       Dual Credit         Professional       Design IB <sup>2</sup> Construction for       Drafting         Communi- cation T <sup>2</sup> (ARD04602B)       Architecture A <sup>2</sup> for Architecture         (AVD09901       Dual Credit       Principles of       Computer Aided         T)       Dual Credit       Principles of       CARD04202A)       B <sup>2</sup> (AVD09901       Dual Credit       Dual Credit       Dual Credit         T)       Dual Credit       Dual Credit       Dual Credit         Principles of       Construction for       Architectural         Construction for       Architectural       Design II/d B <sup>3</sup> (ARD04202B)       (ARD04702B)       Construction for         ARCH       ARTS 1301**       ARCH 1304 <sup>1</sup> ARCH 1307 <sup>1</sup> 1311 <sup>1</sup> ARCH 1303 <sup>2</sup> ARCE 1342 <sup>2</sup> ARCH 1308 <sup>2</sup> March 1303 <sup>2</sup> ARCE 2352 <sup>3</sup> ARCH 1301 <sup>3</sup> Dual Credit         Up to 6       Up to 9       Up to 9       Up to 9       Up to 9         Architectural Technology - 60 hours       Certification(s): Architectural CAD Operator, Level 1; Architectural Paraprofession       10 hours.         ification(s): Autodesk Certified User in AutoCAD       Section	Dual     Dual Credit     Dual Credit     Dual Credit     Dual Credit     Dual Credit     Computer Aided       Professional     Design IB <sup>2</sup> Construction for     Architecture A <sup>2</sup> Drafting     Management for       Communi- cation T <sup>2</sup> (ARD04602B)     Architecture A <sup>2</sup> B <sup>2</sup> B <sup>2</sup> Architecture I/d       (AVD09901     Dual Credit     Construction for     Architecture     B <sup>2</sup> (ARD0429B)     (ARD04903B)       T)     Dual Credit     Principles of     Construction for     Architectural     Design II/d B <sup>3</sup> T)     Dual Credit     Principles of     Construction for     Architectural     Design II/d B <sup>3</sup> ARCH     ARTS 1301**     ARCH 1304 <sup>1</sup> ARCH 1307 <sup>1</sup> ARCH 2301 <sup>1</sup> 1311 <sup>1</sup> ARCH 2312 <sup>1</sup> ARCE 1342 <sup>2</sup> ARCH 1308 <sup>2</sup> SRVY 1301 <sup>2</sup> SPCH     ARCH 1303 <sup>2</sup> ARCE 2352 <sup>3</sup> ARCH 1301 <sup>3</sup> GOVT 2305       Up to 6     Up to 9     Up to 9     Up to 9     Up to 9       Architectural Technology - 60 hours     Certification(s): Architectural CAD Operator, Level 1; Architectural Paraprofessional, Level 1 – 18-30 ho	Dual Credit Credit Professional Communi- (ARD04602B)Dual Credit Principles of Construction for Architecture A2 (ARD04202A)Dual Credit Principles of for Architecture B2 (ARD0429B)Dual Credit Construction Management for Architecture I/d B2 (ARD0420B)Dual Credit Practicum in Architecture B2 (ARD0429B)Dual Credit Construction Architecture B2 (ARD0429B)Dual Credit B2 (ARD0420B)Dual Credit B2 (ARD0420B)Dual Credit Architecture B2 (ARD0420B)Dual Credit Architectural Design IJ/d B3 (ARD04702B)Dual Credit ARCH 23011Dual Credit ARCH 23011Dual Credit ARCH 1301**ARCH 13111ARCH 23121 ARCH 13022ARCH 13041ARCH 13071 ARCH 13082ARCH 23011ENG 1301**SPCH 13212**ARCH 13022 ARCH 13032ARCH 13013GOVT 2305 ARCH 13021ARCH 13021 ARCH 23022Up to 6Up to 9Up to 9Up to 9Up to 9Up to 12Architectural CAD Operator, Level 1; Architectural Paraprofessional, Level 1 – 18-30 hours; or Architectural Tech 10 hours.Up to 12

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		Ard		Construction Longer Construction Manag	•	•		
Gr.	9 <sup>th</sup> (	9 <sup>th</sup> Grade		10 <sup>th</sup> Grade		de	12 <sup>th</sup>	Grade
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
-	English I or II Algebra I or Geometry World Geography Biology Health World	English I or II Algebra I or Geometry World Geography Biology Dual Credit Speech * World	English II or *III Geometry or Algebra II *AP World History Chemistry Dual Credit Fine Arts * World Language	English II or *III Geometry or Algebra II *AP World History Chemistry World Language	*English III or IV Algebra II or *Pre- Calculus *AP US History Physics	*English III or IV Algebra II or *Pre-Calculus *AP US History Physics *HS Government or DC Economics	*English IV *Pre-Calculus or *Calculus or *Statistics Government or *Economics DC if needed 4th Year Science	*English IV * Pre-Calculus or *Calculus or *Statistics if needed 4th Year Science
High School	Language PE Dual Credit Principles of Construction Management A <sup>1</sup> (ARD04203A)	Language PE Dual Credit Professional Communication T <sup>1</sup> (AVD09901T) AND Dual Credit Principles of Construction Management B <sup>2</sup> (ARD04203B)	Dual Credit Construction Technology for Management I/d A <sup>1</sup> (ARD00513A) AND Dual Credit Construction Technology for Management I/d B <sup>2</sup> (ARD00513B)	Dual Credit Computer Aided Drafting for Construction Management AB <sup>1</sup> (ARD00439AB) AND Dual Credit Construction Technology II/d AB <sup>2</sup> (ARD05202AB)	Dual Credit Construction Management for Construction I/d A <sup>1</sup> (ARD04904A) AND Dual Credit Construction Management for Construction I/d B <sup>2</sup> (ARD04904B) AND Dual Credit Business Management for Construction A <sup>3</sup> (BAD12103A)	Dual Credit Business Management for Construction B <sup>1</sup> (BAD12103B) AND Dual Credit Principles of Information Technology AB <sup>2</sup> (ITD27201AB)	Dual Credit Unpaid Practicum in Construction Management I/d A <sup>1</sup> (ARD06202A)	Dual Credit Unpaid Practicum in Construction Management I/d B <sup>1</sup> (ARD06202B)
College	CNBT 1110 <sup>1</sup>	SPCH 1321 <sup>1</sup> ** CNBT 1300 <sup>2</sup>	ARTS 1301** CNBT 1302 <sup>1</sup>	ARCH 1315 <sup>1</sup> CNBT 1342 <sup>2</sup>	SRVY 1301 <sup>1</sup> CNBT 1346 <sup>2</sup>	CNBT 1327 BMGT 1327 <sup>1</sup>	ENG 1301 MATH 1314	ENGL 1302 4 <sup>th</sup> year 2 <sup>nd</sup> semester HS MATH 2412 Needed for .5 High School Credit
Coll			CNBT 1311 <sup>2</sup>	CNBT 1316 <sup>2</sup>	GEOL 1305**	ECON 2301**	CNBT 2337 <sup>1</sup>	CNBT 2266 <sup>1</sup> Requires 16 hours a week with Industry Partner
					<b>CNBT 2342<sup>3</sup></b>	COSC 1301 <sup>2</sup>	CNBT 2335 <sup>1</sup>	
Hrs.	Up to 3	Up to 6	Up to 9	Up to 9	Up to 12	Up to 12	Up to 12	Up to 10

Degree: AAS Construction Management Technology - 60 hours

College Level Certification(s): Construction Inspection Technician, Level 1; Construction Management Technology, Level 1 – 19-25 hours

Industry Certification(s): NCCER Core Curriculum, NCCER Construction Technology,

\*TSI compliance or TSI waiver will determine if the course is taken as a Dual Credit course for TSI placement courses. Students that are not TSI met will take AP courses in-lieu of dual credit course. The COLLEGE DISTRICT and SCHOOL DISTRICT will utilize the crosswalk to collaborate strategic course offerings for students participating in the dual credit program towards college degree completion through the term of the agreement. Career and Technical Education (CTE) program requirements will be provided for CTE course offerings. \*\*Required for AAS

Students who complete Principles of Construction Management, Construction Management I, and Practicum in Construction Management will have met requirements for the Construction Management and Inspection Program of Study for a Business and Industry endorsement.

	9 <sup>th</sup> Gr			Grade		ent Crosswa Grade		<sup>th</sup> Grade
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	English I or II	English I or II	English II or *III	English II or *III	*English III or IV	*English III or IV	*English IV	*English IV
	Algebra I or Geometry	Algebra I or Geometry	Geometry or Algebra II	Geometry or Algebra II	Algebra II or *Pre-Calculus	Algebra II or *Pre-Calculus	*Pre-Calculus or *Calculus or *Statistics	* Pre-Calculus or *Calculus or *Statistics if needed
	World Geography	World Geography	*AP World History	*AP World History	*AP US History	*AP US History	*DC Economics or HS Government	
	Biology	Biology	Chemistry	Chemistry	Physics	Physics	4th Year Science	4th Year Science
00	Health	Dual Credit Speech *	Dual Credit Fine Arts *			*DC Economics or HS Government		
High School	World Language	World Language	World Language	World Language				
Ξ́-	PE	PE						
	Dual Credit Business	Dual Credit Professional	Dual Credit Management of	Dual Credit Distribution and	Dual Credit Business	Dual Credit Advanced	Dual Credit Unpaid	Dual Credit Unpaid Practicum in
	Information	Communication	Transportation	Logistics B <sup>1</sup>	Management	Marketing AB <sup>1</sup>	Practicum in	Distribution and
	Management I	T <sup>1</sup>	Systems AB <sup>1</sup>	(TPD40301B)	for Logistics	(MKD34700AB)	Distribution	Logistics B <sup>1</sup>
	AB <sup>1</sup>	(AVD09901T)	(TPD40200AB)		AB <sup>12</sup>	, , ,	and Logistics	(TPD40470B)
	(BAD11412AB)				(BAD12104AB)		A <sup>1</sup> (TPD40470A)	
		Dual Credit Distribution		Dual Credit Concepts of	Dual Credit	Dual Credit Accounting IA <sup>2</sup>		
		and Logistics		Distribution and	Business Law AB <sup>3</sup>	(FND16612AB)		
		A <sup>2</sup>		Logistics	(BAD11701AB)	(110 100 12, 10)		
		(TPD40301A)		Technology AB <sup>2</sup> (TPD03800AB)				
	BCIS 1305 <sup>1</sup>	SPCH 1321 <sup>1</sup> Required for AAS	ARTS 1301 Required for AAS	LMGT 1325 <sup>1</sup>	BMGT 1301 <sup>1</sup>	<b>MRKG 1311</b> <sup>1</sup>	ENG 1301 Need 3 Hours for AAS	ENGL 1302 Not Required needed for 4 <sup>th</sup> year second semester HS
College		LMGT 1319 <sup>2</sup>	LMGT 1323 <sup>1</sup>	IBUS 1301 <sup>2</sup>	BMGT 1313 <sup>2</sup>	ACCT 2301 <sup>2</sup>	MATH 1314 Need 3 Hours for AAS CAN USE STATS! College Algebra	MATH 2412 Need .5 Credit for High School so not needed unless the take MATH 1314
			LMGT 2334 <sup>1</sup>	IBUS 1302 <sup>2</sup>	<b>BUSI 2301</b> <sup>3</sup>	ECON 2301 Required for AAS	BMGT 1331 <sup>1</sup>	LMGT 2388 <sup>1</sup> Requires 16 hours
								week with Industry Partner
							BMGT 23311	runner
lr	Up to 3	Up to 6	Up to 9	Up to 9	Up to 9	Up to 9	Up to 12	Up to 10
			ain Management - 6	0 hours ent, Level 1, or Wareł	aouso Managomon	t Lovel 1		

Industry endorsement.

# COURSE DESCRIPTIONS FOR ARCHITECTURE/CONSTRUCTION & LOGISTICS P-TECH

DUAL CREDIT PRINCIPLES OF ARCHITECTURE A (PRINARC DC A)	ARD04200A
FCC (ARCH 1315) Architectural Computer Graphics	
Course offerings may vary each year due to availability	12004210
Students learn the effective use of representational media, computer aided design, and digital media to engage ormal, organizational, and environmental principles. Emphasis on the appropriate media to inform two-	13004210 Grade level: 9 – 10
limensional and three-dimensional design based upon the conventions of architectural graphic communication.	HS Credit(s): 0.5
Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student	
Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills	
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
-WISD Prerequisite(s): None	Tier I
<u>CC Prerequisite(s)</u> : None	
Offered at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT PRINCIPLES OF ARCHITECTURE B (PRINARC DC B)	ARD04200B
TCC (ARCH 1311) Introduction to Architecture	
*Course offerings may vary each year due to availability	
Students are introduced to architecture that explores the practices, principles, and wider context of architecture	13004210
and design. Focuses on the role of architecture in society, culture, and the broader physical context of the built	Grade level: 9 – 10
environment. Course is intended to fulfill all or part of the following National Architectural Accrediting Board	HS Credit(s): 0.5
NAAB) Student Performance Criteria: A.8 Cultural Diversity and Social Equity and D.1 Stakeholder Roles in	
Architecture	
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
WISD Prerequisite(s): Dual Credit Principles of Architecture A	Tier I
<u>ICC Prerequisite(s)</u> : ARCH 1315	
Offered at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT ARCHITECTURAL DESIGN I A (ARCHDSN 1 DC A)	ARD04602A
ICC (ARCH 2312) Architectural Technology	
Course offerings may vary each year due to availability	13004600
Students are introduced to materials and methods in the design and construction of buildings. Course will	
nclude a survey of buildings that conserve energy, water, and human resources; sustainable design and construction. The course will illustrate the connection of the previously mentioned topics, when applicable, to	Grade level: 10 – 12 HS Credit: 0.5
he digital age and the Internet of Things (IoT) which are reshaping our built environment. Course is intended to	FIS CIEUIL 0.5
ulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria:	
8.7 Building Envelope Systems and Assemblies and B.8 Building Materials and Assemblies.	
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
WISD Prerequisite(s): Dual Credit Principles of Architecture B, Algebra I, and English I	Tier I
<u>ICC Prerequisite(s)</u> : ARCH 1311	
Dffered at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT ARCHITECTURAL DESIGN I B (ARCHDSN 1 DC B)	ARD04602B
FCC (ARCH 1303) Architectural Design I - Residential	
Course offerings may vary each year due to availability	
Students will receive an introductory studio providing foundation in the conceptual, perceptual, and manual skills	13004600
necessary for two-dimensional and three-dimensional design. Architectural drawing procedures and practices for	Grade level: 10 – 12
esidential and/or light frame construction. Construction practices and techniques with emphasis on residential	HS Credit: 0.5
onstruction methods. Office procedures for coordinating CAD drawings in the office. Course is intended to fulfill	
Il or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1	
Professional Communication Skills. A.2 Design Thinking Skills, A.4 Architectural Design Skills, and A.5 Ordering	
Systems.	
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
WISD Prerequisite(s): Dual Credit Architectural Design IA, Algebra I, and English	Tier I
ICC Prerequisite(s): ARCH 2312	
Offered at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT ARCHITECTURAL DESIGN II/d A (ARCHDSN 2 DC A)	ARD04702A
ICC (ARCH 1304) Architectural Design II - Commercial	
Course offerings may vary each year due to availability	
Students will engage in creative problem solving and presentation of principles, concepts and ideas as applied	13004700
o introductory architectural projects. Architectural drafting procedures, practices and symbols including the	Grade level: 10 - 12
preparation of detailed working drawings for commercial building, with emphasis on commercial construction	HS Credit(s): 1
nethods. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB)	
tudent Performance Criteria: A.1 Professional Communication Skills, A.2 Design Thinking Skills, A.4 Architectural	
esign Skills, and A.5 Ordering Systems	

Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): None	College Hour(s): 3 <b>Tier I</b>
TCC Prerequisite(s): ARCH 1303 and ARCH 1315	
Offered at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT ARCHITECTURAL DESIGN II/d B (ARCHDSN 2 DC B)	ARD04702B
TCC (ARCH 1301) Architectural History I	
*Course offerings may vary each year due to availability	
Students will begin with part one of a survey of the history of world architecture from pre-history to the present.	13004700
This course focuses on the period from pre-history up to at least the 14th Century. Course is intended to fulfill	Grade level: 10 - 12
all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.7	HS Credit(s): 1
History and Global Culture	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): None	College Hour(s): 3 <b>Tier I</b>
<u>TCC Prerequisite(s)</u> : None	
Offered at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT PRINCIPLES OF CONSTRUCTION FOR ARCHITECTURE A (PRINCONA A DC)	ARD04202A
TCC (ARCE 1342) Codes, Specifications, and Contract	
*Course offerings may vary each year due to availability	
Students will study ordinances, codes, and legal documents as they relate to specifications and drawing.	13004220
Discussion of owner-architect-contractor responsibilities, duties, and legal relationships. Preparation of drawing	Grade level: 10-12
for mechanical, electrical, and plumbing (MEP) systems with emphasis on applicable building and energy codes,	HS Credit(s): 0.5
product references, and specifications for construction.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
FWISD Prerequisite(s): None	Tier I
T <u>CC Prerequisite(s)</u> : ARCH 2312	
Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION FOR ARCHITECTURE B (PRINCONA B DC)	400042020
	ARD04202B
(ARCE 2352) Mechanical, Electrical, and Plumbing (MEP) Systems *Course offerings may vary each year due to availability	
Students will study ordinances, codes, and legal documents as they relate to specifications and drawing.	13004220
Discussion of owner-architect-contractor responsibilities, duties, and legal relationships. Preparation of drawing	Grade level: 10-12
for mechanical, electrical, and plumbing (MEP) systems with emphasis on applicable building and energy codes,	HS Credit(s): 0.5
product references, and specifications for construction. Course will include a survey of buildings that conserve	
energy, water, and human resources; sustainable design and construction. The course will illustrate the	
connection of the previously mentioned topics, when applicable, to the digital age and the Internet of Things	
(IoT) which are reshaping our built environment.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
EWISD Prerequisite(s): None	Tier I
TCC Prerequisite(s): ARCE 1342	Tier I
T <u>CC Prerequisite(s)</u> : ARCE 1342 Offered at: Diamond Hill-Jarvis (P-TECH)	
<u>TCC Prerequisite(s)</u> : ARCE 1342 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC)	ARD04203A
<u>TCC Prerequisite(s)</u> : ARCE 1342 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC) (CNBT 1110) Basic Construction Safety	
TCC Prerequisite(s): ARCE 1342 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC) (CNBT 1110) Basic Construction Safety *Course offerings may vary each year due to availability	
<u>TCC Prerequisite(s)</u> : ARCE 1342 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC) (CNBT 1110) Basic Construction Safety	ARD04203A
TCC Prerequisite(s): ARCE 1342 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC) (CNBT 1110) Basic Construction Safety *Course offerings may vary each year due to availability Students will learn about basic job site construction safety in residential, commercial, and industrial construction.	ARD04203A 13004220
TCC Prerequisite(s): ARCE 1342 Offered at: Diamond Hill-Jarvis (P-TECH) <b>DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC)</b> (CNBT 1110) Basic Construction Safety *Course offerings may vary each year due to availability Students will learn about basic job site construction safety in residential, commercial, and industrial construction. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	ARD04203A 13004220 Grade level: 9
TCC Prerequisite(s): ARCE 1342         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC)         (CNBT 1110) Basic Construction Safety         *Course offerings may vary each year due to availability         Students will learn about basic job site construction safety in residential, commercial, and industrial construction.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s): None         ICC Prerequisite(s): None         Offered at: Diamond Hill-Jarvis (P-TECH)	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I
TCC Prerequisite(s): ARCE 1342         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC)         (CNBT 1110) Basic Construction Safety         *Course offerings may vary each year due to availability         Students will learn about basic job site construction safety in residential, commercial, and industrial construction.         Instructional Material:         Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s):         None         TCC Prerequisite(s): None         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC)	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0
TCC Prerequisite(s): ARCE 1342         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC)         (CNBT 1110) Basic Construction Safety         *Course offerings may vary each year due to availability         Students will learn about basic job site construction safety in residential, commercial, and industrial construction.         Instructional Material:         Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): None         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC)         (CNBT 1300) Residential and Light Commercial Blueprint Reading	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I
<u>TCC Prerequisite(s)</u> : ARCE 1342 <u>Offered at: Diamond Hill-Jarvis (P-TECH)</u> <b>DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC)</b> (CNBT 1110) Basic Construction Safety <u>*</u> Course offerings may vary each year due to availability <u>*</u> Course offerings may vary each year due to availability Students will learn about basic job site construction safety in residential, commercial, and industrial construction. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials <u>FWISD Prerequisite(s)</u> : None <u>Offered at: Diamond Hill-Jarvis (P-TECH)</u> <b>DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC)</b> (CNBT 1300) Residential and Light Commercial Blueprint Reading <u>*</u> Course offerings may vary each year due to availability	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I ARD04203B
TCC Prerequisite(s): ARCE 1342         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC)         (CNBT 1110) Basic Construction Safety         *Course offerings may vary each year due to availability         Students will learn about basic job site construction safety in residential, commercial, and industrial construction.         Instructional Material:       Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s):       None         ICC Prerequisite(s):       None         Offered at: Diamond Hill-Jarvis (P-TECH)       DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC)         (CNBT 1300) Residential and Light Commercial Blueprint Reading       *Course offerings may vary each year due to availability         Students will receive an introduction to construction drawings with a focus on residential and light commercial	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I ARD04203B 13004220
TCC Prerequisite(s): ARCE 1342         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC)         (CNBT 1110) Basic Construction Safety         *Course offerings may vary each year due to availability         Students will learn about basic job site construction safety in residential, commercial, and industrial construction.         Instructional Material:       Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s):       None         ICC Prerequisite(s):       None         Offered at: Diamond Hill-Jarvis (P-TECH)       DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC)         (CNBT 1300) Residential and Light Commercial Blueprint Reading       *Course offerings may vary each year due to availability         Students will receive an introduction to construction drawings with a focus on residential and light commercial construction.	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I ARD04203B 13004220 Grade level: 9-10
TCC Prerequisite(s): ARCE 1342         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC)         (CNBT 1110) Basic Construction Safety         *Course offerings may vary each year due to availability         Students will learn about basic job site construction safety in residential, commercial, and industrial construction.         Instructional Material:       Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s):       None         ICC Prerequisite(s):       None         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC)         (CNBT 1300) Residential and Light Commercial Blueprint Reading         *Course offerings may vary each year due to availability         Students will receive an introduction to construction drawings with a focus on residential and light commercial construction.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I ARD04203B 13004220 Grade level: 9-10 HS Credit(s): 0.5
TCC Prerequisite(s): ARCE 1342         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC)         (CNBT 1110) Basic Construction Safety         *Course offerings may vary each year due to availability         Students will learn about basic job site construction safety in residential, commercial, and industrial construction.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s): None         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC)         (CNBT 1300) Residential and Light Commercial Blueprint Reading         *Course offerings may vary each year due to availability         Students will receive an introduction to construction drawings with a focus on residential and light commercial construction.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         *Course offerings may vary each year due to availability         Students will receive an introduction to construction drawings with a focus on residential and light commercial construction.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         CWISD Prerequisite(s): None	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I ARD04203B 13004220 Grade level: 9-10 HS Credit(s): 0.5 College Hour(s): 3.0
TCC Prerequisite(s): ARCE 1342         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC)         (CNBT 1110) Basic Construction Safety         *Course offerings may vary each year due to availability         Students will learn about basic job site construction safety in residential, commercial, and industrial construction.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s): None         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC)         (CNBT 1300) Residential and Light Commercial Blueprint Reading         *Course offerings may vary each year due to availability         Students will receive an introduction to construction drawings with a focus on residential and light commercial construction.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s): None         *Course offerings may vary each year due to availability         Students will receive an introduction to construction drawings with a focus on residential and light commercial construction.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s): None         Tote Prerequisite(s): None <td>ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I ARD04203B 13004220 Grade level: 9-10 HS Credit(s): 0.5</td>	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I ARD04203B 13004220 Grade level: 9-10 HS Credit(s): 0.5
ICC Prerequisite(s): ARCE 1342 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC) (CNBT 1110) Basic Construction Safety Course offerings may vary each year due to availability Students will learn about basic job site construction safety in residential, commercial, and industrial construction. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None ICC Prerequisite(s): None Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC) (CNBT 1300) Residential and Light Commercial Blueprint Reading *Course offerings may vary each year due to availability Students will receive an introduction to construction drawings with a focus on residential and light commercial construction. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None Offered at: Diamond Hill-Jarvis (P-TECH)	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I ARD04203B 13004220 Grade level: 9-10 HS Credit(s): 0.5 College Hour(s): 3.0 Tier I
TCC Prerequisite(s): ARCE 1342         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC)         (CNBT 1110) Basic Construction Safety         *Course offerings may vary each year due to availability         Students will learn about basic job site construction safety in residential, commercial, and industrial construction.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s): None         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC)         (CNBT 1300) Residential and Light Commercial Blueprint Reading         *Course offerings may vary each year due to availability         Students will receive an introduction to construction drawings with a focus on residential and light commercial construction.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         *Course offerings may vary each year due to availability         Students will receive an introduction to construction drawings with a focus on residential and light commercial construction.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s): None         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT PROFESSIONAL COMMUNICATIO	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I ARD04203B 13004220 Grade level: 9-10 HS Credit(s): 0.5 College Hour(s): 3.0
ICC Prerequisite(s): ARCE 1342 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC) (CNBT 1110) Basic Construction Safety Course offerings may vary each year due to availability Students will learn about basic job site construction safety in residential, commercial, and industrial construction. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None ICC Prerequisite(s): None Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC) (CNBT 1300) Residential and Light Commercial Blueprint Reading *Course offerings may vary each year due to availability Students will receive an introduction to construction drawings with a focus on residential and light commercial construction. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None Offered at: Diamond Hill-Jarvis (P-TECH)	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I ARD04203B 13004220 Grade level: 9-10 HS Credit(s): 0.5 College Hour(s): 3.0 Tier I
ICC Prerequisite(s): ARCE 1342 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC) (CNBT 1110) Basic Construction Safety *Course offerings may vary each year due to availability Students will learn about basic job site construction safety in residential, commercial, and industrial construction. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None ICC Prerequisite(s): None Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC) (CNBT 1300) Residential and Light Commercial Blueprint Reading *Course offerings may vary each year due to availability Students will receive an introduction to construction drawings with a focus on residential and light commercial construction. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None ICC Prerequisite(s): None ICC Prerequisite(s): None ICC Prerequisite(s): None ICC Prerequisite(s): None ICC Prerequisite(s): None Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PROFESSIONAL COMMUNICATIONS (PROFCOMM T) (SPCH 1321) Business and Professional Communication	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I ARD04203B 13004220 Grade level: 9-10 HS Credit(s): 0.5 College Hour(s): 3.0 Tier I
ICC Prerequisite(s): ARCE 1342 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT A (PRINCONM A DC) (CNBT 1110) Basic Construction Safety *Course offerings may vary each year due to availability Students will learn about basic job site construction safety in residential, commercial, and industrial construction. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): None TCC Prerequisite(s): None Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF CONSTRUCTION MANAGEMENT I B (PRINCONM B DC) (CNBT 1300) Residential and Light Commercial Blueprint Reading *Course offerings may vary each year due to availability Students will receive an introduction to construction drawings with a focus on residential and light commercial construction. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): None TCC Prerequisite(s): None CCP Prerequisite(s): None CP Prerequ	ARD04203A 13004220 Grade level: 9 HS Credit(s): 0.5 College Hour(s): 1.0 Tier I ARD04203B 13004220 Grade level: 9-10 HS Credit(s): 0.5 College Hour(s): 3.0 Tier I AVD09902T

Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3.0
FWISD Prerequisite(s): None	Tier I
<u>TCC Prerequisite(s)</u> : TSI Reading and Math Offered at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT CONSTRUCTION TECHNOLOGY II I/d A (CONSTECH2 A DC)	ARD05202 A
(CNBT 1316) Construction Technology I	
*Course offerings may vary each year due to availability	
Students will learn about site preparation, form work, safety, tools, and equipment.	13005200
form work, safety, tools, and equipment.	Grade level: 10-12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	HS Credit(s): 1.0
<u>FWISD Prerequisite(s)</u> : Dual Credit Principles of Construction Management B	College Hour(s): 3.0
<u>TCC Prerequisite(s)</u> : CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH)	Tier I
DUAL CREDIT CONSTRUCTION TECHNOLOGY II I/d B (CONSTECH2 B DC)	ARD05202 B
(CNBT 1342) Building Codes and Inspections	
*Course offerings may vary each year due to availability	
Students will understand building codes and standards applicable to building construction and inspection	13005200
processes. Study of ordinances, codes, and legal documents as they relate to specifications, drawings, and	Grade level: 10-12
building construction. An overview of legal contracts in the construction industry.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	HS Credit(s): 2.0
<u>FWISD Prerequisite(s)</u> : Dual Credit Principles of Construction Technology II A	College Hour(s): 6.0
TCC Prerequisite(s): CNBT 1300	Tier I
Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d A (CONSTECHM DC A)	
(CNBT 1302) Mechanical, Electrical and Plumbing Systems in Construction I	ARD00513A
*Course offerings may vary each year due to availability	
Students will learn about the basic mechanical, electrical, and plumbing components in construction and their	13005100
relationship to the residential and light commercial buildings.	Grade level: 10
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	HS Credit(s): 1.0
FWISD Prerequisite(s): Dual Credit Principles of Construction Management B	College Hour(s): 3.0
TCC Prerequisite(s): CNBT 1300	College Hour(s): 3.0 <b>Tier I</b>
<u>TCC Prerequisite(s)</u> : CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH)	Tier I
<u>TCC Prerequisite(s)</u> : CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) <b>DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)</b>	-
<u>TCC Prerequisite(s)</u> : CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) <b>DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)</b> (CNBT 1311) Construction Methods and Material I	Tier I
<u>TCC Prerequisite(s)</u> : CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) <b>DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)</b> <b>(CNBT 1311) Construction Methods and Material I</b> *Course offerings may vary each year due to availability	Tier I ARD00513B
<u>TCC Prerequisite(s)</u> : CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) <b>DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)</b> (CNBT 1311) Construction Methods and Material I *Course offerings may vary each year due to availability Students will receive an introduction to construction materials and methods and their applications.	Tier I ARD00513B 13005100
<u>TCC Prerequisite(s)</u> : CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) <b>DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)</b> (CNBT 1311) Construction Methods and Material I *Course offerings may vary each year due to availability Students will receive an introduction to construction materials and methods and their applications. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	Tier I ARD00513B 13005100 Grade level: 10
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): Dual Credit Principles of Construction Management B	Tier I ARD00513B 13005100 Grade level: 10 HS Credit(s): 1.0
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material:         Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s):         Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300	Tier I ARD00513B 13005100 Grade level: 10
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)	Tier I ARD00513B 13005100 Grade level: 10 HS Credit(s): 1.0 College Hour(s): 3.0
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300	Tier I ARD00513B 13005100 Grade level: 10 HS Credit(s): 1.0 College Hour(s): 3.0 Tier I
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability	Tier I ARD00513B 13005100 Grade level: 10 HS Credit(s): 1.0 College Hour(s): 3.0 Tier I
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process	Tier I ARD00513B 13005100 Grade level: 10 HS Credit(s): 1.0 College Hour(s): 3.0 Tier I
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis on two-dimensional and three-dimensional composition. Presentation of advance architectural topics	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis on two-dimensional and three-dimensional composition. Presentation of advance architectural topics with application in computer-aided environment utilizing three-dimensional objects or spaces.	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis on two-dimensional and three-dimensional composition. Presentation of advance architectural topics with application in computer-aided environment utilizing three-dimensional objects or spaces.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis on two-dimensional and three-dimensional composition. Presentation of advance architectural topics with application in computer-aided environment utilizing three-dimensional objects or spaces.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis on two-dimensional and three-dimensional composition. Presentation of advance architectural topics with application in computer-aided environment utilizing three-dimensional objects or spaces.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): None         TCC Prerequisite(s): None         TCC Prerequisite(s): ARCE 2352	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3
<u>TCC Prerequisite(s)</u> : CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) <b>DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)</b> <b>(CNBT 1311) Construction Methods and Material I</b> *Course offerings may vary each year due to availability Students will receive an introduction to construction materials and methods and their applications. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials <u>FWISD Prerequisite(s)</u> : Dual Credit Principles of Construction Management B <u>TCC Prerequisite(s)</u> : CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) <b>DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)</b> <b>TCC (ARCH 1307) Architectural Graphics I</b> *Course offerings may vary each year due to availability Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis on two-dimensional and three-dimensional composition. Presentation of advance architectural topics with application in computer-aided environment utilizing three-dimensional objects or spaces. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials <u>FWISD Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : ARCE 2352 Offered at: Diamond Hill-Jarvis (P-TECH)	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Tier I
TCC Prerequisite(s): CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B) (CNBT 1311) Construction Methods and Material I *Course offerings may vary each year due to availability Students will receive an introduction to construction materials and methods and their applications. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): Dual Credit Principles of Construction Management B TCC Prerequisite(s): CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC) TCC (ARCH 1307) Architectural Graphics I *Course offerings may vary each year due to availability Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis on two-dimensional and three-dimensional composition. Presentation of advance architectural topics with application in computer-aided environment utilizing three-dimensional objects or spaces. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): None TCC Prerequisite(s): ARCE 2352 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d B (CADAR B DC)	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3
TCC Prerequisite(s): CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B) (CNBT 1311) Construction Methods and Material I *Course offerings may vary each year due to availability Students will receive an introduction to construction materials and methods and their applications. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): Dual Credit Principles of Construction Management B TCC Prerequisite(s): CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC) TCC (ARCH 1307) Architectural Graphics I *Course offerings may vary each year due to availability Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis on two-dimensional and three-dimensional composition. Presentation of advance architectural topics with application in computer-aided environment utilizing three-dimensional objects or spaces. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None TCC Prerequisite(s): None TCC Prerequisite(s): ARCE 2352 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d B (CADAR B DC) TCC (ARCH 1308) Architectural Graphics II	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Tier I
TCC Prerequisite(s): CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B) (CNBT 1311) Construction Methods and Material I *Course offerings may vary each year due to availability Students will receive an introduction to construction materials and methods and their applications. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): Dual Credit Principles of Construction Management B TCC Prerequisite(s): CNBT 1300 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC) TCC (ARCH 1307) Architectural Graphics I *Course offerings may vary each year due to availability Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis on two-dimensional and three-dimensional composition. Presentation of advance architectural topics with application in computer-aided environment utilizing three-dimensional objects or spaces. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials EWISD Prerequisite(s): None TCC Prerequisite(s): None TCC Prerequisite(s): ARCE 2352 Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d B (CADAR B DC) TCC (ARCH 1308) Architectural Graphics II	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Tier I
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with application in computer-aided environment utilizing three-dimensional objects or spaces.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s): ARCE 2352         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d B (CADAR B DC)         TCC Prerequisite(s): ARCE 2352         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CRE	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Tier I         ARD00429B
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): ONBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with application in computer-aided environment utilizing three-dimensional objects or spaces.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): None         TCC Prerequisite(s): None         TCC Prerequisite(s): None         TCC CARCH 1308) Architectural Graphics I         *Course offerings may vary each to due to availability         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d B (CADAR B DC)         TCC Prerequisite(s): None         TCC Prerequisite(s): None	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Tier I         ARD00429B         N1300429         N1300429
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC. Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis on two-dimensional and three-dimensional composition. Presentation of advance architectural topics with application in computer-aided environment utilizing three-dimensional objects or spaces.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): None         TCC Prerequisite(s): None       TCC Arcent 1308) Architectural Graphics II         *Course offerings may vary each year due to availability         TDL CREDIT COMPUTER AIDED DRAFTING FOR ARCH	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Tier I         ARD00429B         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Tier I
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis on two-dimensional and three-dimensional objects or spaces.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s): None         TCC Prerequisite(s): None         TCC ArcH 1308) Architectural Graphics II         *Course offerings may vary each year due to availability         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d B (CADAR B DC)         TCC Prerequisite(s): N	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Tier I         ARD00429B         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Tier I
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process         with application in computer-aided environment utilizing three-dimensional objects or spaces.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EVISD Prerequisite(s): None         TCC Prerequisite(s): None         TCC Prerequisite(s): ARCE 2352         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d B (CADAR B DC)	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Tier I         ARD00429B         N1300429         Grade level: 11-12         HS Credit(s): 0.5
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         FWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process with emphasis on two-dimensional and three-dimensional composition. Presentation of advance architectural topics with application in computer-aided environment utilizing three-dimensional objects or spaces.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials FWISD Prerequisite(s): NORe         TCC Prerequisite(s): None       TCC (ARCH 1308) Architectural Graphics II         *Course offerings may vary each year due to availability         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITE	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Tier I         ARD00429B         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Credit(s): 0.5         College Hour(s): 3
TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT CONSTRUCTION TECHNOLOGY FOR MANAGEMENT I/d B (CONSTECHM DC B)         (CNBT 1311) Construction Methods and Material I         *Course offerings may vary each year due to availability         Students will receive an introduction to construction materials and methods and their applications.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EWISD Prerequisite(s): Dual Credit Principles of Construction Management B         TCC Prerequisite(s): CNBT 1300         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d A (CADAR A DC)         TCC (ARCH 1307) Architectural Graphics I         *Course offerings may vary each year due to availability         Students are introduced to basic drawing methods and tools. Exploration of techniques available for the design process         with application in computer-aided environment utilizing three-dimensional objects or spaces.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials         EVISD Prerequisite(s): None         TCC Prerequisite(s): None         TCC Prerequisite(s): ARCE 2352         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT COMPUTER AIDED DRAFTING FOR ARCHITECTURE I/d B (CADAR B DC)	Tier I         ARD00513B         13005100         Grade level: 10         HS Credit(s): 1.0         College Hour(s): 3.0         Tier I         ARD00429A         N1300429         Grade level: 11-12         HS Credit(s): 0.5         College Hour(s): 3         Tier I         ARD00429B         N1300429         Grade level: 11-12         HS Credit(s): 0.5

DUAL CREDIT COMPUTER AIDED DRAFTING FOR CONSTRUCTION MANAGEMENT I/d A	ARD00439A
(CADARC AB DC)	
TCC (ARCH 1315) Architectural Computer Graphics	
*Course offerings may vary each year due to availability	
In this course, students will learn the effective use of representational media, computer aided design, and digital	N1300429
media to engage formal, organizational, and environmental principles. Emphasis on the appropriate media to	Grade level: 11-12
inform two-dimensional and three-dimensional design based upon the conventions of architectural graphic	HS Credit(s): 0.5
communication. Course is intended to fulfill all or part of the following National Architectural Accrediting Board	
(NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
FWISD Prerequisite(s): None	Tier I
<u>TCC Prerequisite(s)</u> : ARCH 1307 Offered at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT CONSTRUCTION MANAGEMENT FOR ARCHITECTURE I/d A	ARD04903A
(CONSMGTAR1 DC A)	ANDU4903A
TCC (ARCH 2301) Architectural Freehand Drawing I	
*Course offerings may vary each year due to availability	
Students will develop freehand drawing skills in architecture. Methods and skills, including emphasis on	13004900
principles of light, shade, scale, proportion, line, and tonal quality for exploring and developing conceptual ideas	Grade level: 11-12
and for clear graphic presentations.	HS Credit(s): 1
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
<u>FWISD Prerequisite(s)</u> : Dual Credit Architectural Design II/d B	Tier I
<u>TCC Prerequisite(s)</u> : ARCH 1301 and ARCH 1308	
Offered at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT CONSTRUCTION MANAGEMENT FOR ARCHITECTURE I/d B	ARD04903B
(CONSMGTAR1 DC B)	
TCC (SRVY 1301) Introduction to Surveying	
*Course offerings may vary each year due to availability Students will receive an overview of the surveying profession. The history of surveying and its impact on the	13004900
world. Review of the mathematics used in surveying. Introduction to basic surveying equipment with emphasis	Grade level: 11-12
on measurements. Instruction on surveying procedures and the limitation of errors. Calculation to determine	HS Credit(s): 1
precision and error of closure. Course is intended to fulfill all or part of the following National Architectural	no credit(s). T
Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4	
Architectural Design Skills.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
FWISD Prerequisite(s): Dual Credit Construction Management for Architecture I/D A	Tier I
<u>TCC Prerequisite(s)</u> : ARCH 2301	
Offered at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT CONSTRUCTION MANAGEMENT FOR CONSTRUCTION I/d A	ARD04904A
(CONSMGTCN 1 DC A)	AND 0-150-1A
TCC (SRVY 1301) Introduction to Surveying	
*Course offerings may vary each year due to availability	
Students will obtain and overview of the surveying profession, such as basic surveying equipment with emphasis	13004900
on measurements, surveying procedures and the limitation of errors, and calculations to determine precision and	Grade level: 11-12
error of closure.	HS Credit(s): 1
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
FWISD Prerequisite(s): Dual Credit Construction Technology II/d B	Tier I
<u>TCC Prerequisite(s)</u> : CNBT 1344	
Offered at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT CONSTRUCTION MANAGEMENT FOR CONSTRUCTION I/d B	ARD04904B
(CONSMGTCN 1 DC B)	
TCC (CNBT 1346) Construction Estimating I	
-	
*Course offerings may vary each year due to availability Students will evolves fundamentals of estimating materials, equipment, and labor costs in construction	12004000
Students will explore fundamentals of estimating materials, equipment, and labor costs in construction.	13004900
Instructional Material Contact the Office of Instruction Fault Callege Dec. Dec. 1 (1)	Grade level: 11-12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	LIC Credit(a): 1
FWISD Prerequisite(s): Dual Credit Construction Management for Construction II/d B	HS Credit(s): 1
	HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b>

DUAL CREDIT BUSINESS MANAGEMENT FOR CONSTRUCTION I/d A (BUSMGTC DC A) TCC (CNBT 2342) Construction Management I	BAD12103A
Course offerings may vary each year due to availability	
tudents will explore the construction industry and management skills on the job site. Topics include written and	13012100
oral communications, leadership and motivation, problem solving, and decision making. The course also deals	Grade level: 11-12
vith the concepts and principles in estimating, planning, scheduling, controlling and construction ethics.	HS Credit(s): 1
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
WISD Prerequisite(s): Dual Credit Construction Management for Construction II/d B	Tier I
<u>CC Prerequisite(s)</u> : SRVY 1301	
Offered at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT BUSINESS MANAGEMENT FOR CONSTRUCTION I/d B (BUSMGTC DC B)	BAD12103B
CC (BMGT 1327) Principles of Management	
Course offerings may vary each year due to availability	
tudents will explore the construction industry and management skills on the job site. Topics include written and	13012100
bral communications, leadership and motivation, problem solving, and decision making. The course also deals	Grade level: 11-12
vith the concepts and principles in estimating, planning, scheduling, controlling and construction ethics.	HS Credit(s): 1
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
WISD Prerequisite(s): Dual Credit Business Management for Construction I/d A	Tier I
<u>CC Prerequisite(s)</u> : CNBT 2342	
Differed at: Diamond Hill-Jarvis (P-TECH)	
DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I A (PRACADSN A DC)	ARD04802A
ICC (ARCH 1302) Architectural History II	
Course offerings may vary each year due to availability Students engage in part two of a survey of the history of world architecture from pre-history to the present. This	12004000
	13004800
ourse focuses on the period of neo-classicism up to the modern era. Course is intended to fulfill all or part of the	Grade level: 12
ollowing National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.7 History and Global	HS Credit(s): 1
Culture.	<u> </u>
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 3
WISD Prerequisite(s): Architectural Design II	Tier I
CC Prerequisite(s): ARCH 2301	
Course taught by a TCC-approved adjunct instructor	
Offered at: Diamond Hill-Jarvis (P-TECH)	
Dffered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)	ARD04802B
Offered at: Diamond Hill-Jarvis (P-TECH)	ARD04802B
Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC) ICC (ARCH 2302) Architecture Freehand Drawing II Course offerings may vary each year due to availability	ARD04802B
Dffered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC) FCC (ARCH 2302) Architecture Freehand Drawing II	ARD04802B
Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC) ICC (ARCH 2302) Architecture Freehand Drawing II Course offerings may vary each year due to availability	
Differed at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC) ICC (ARCH 2302) Architecture Freehand Drawing II Course offerings may vary each year due to availability This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations.	13004800 Grade level: 12
Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC) CC (ARCH 2302) Architecture Freehand Drawing II Course offerings may vary each year due to availability This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student	13004800
Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC) CC (ARCH 2302) Architecture Freehand Drawing II Course offerings may vary each year due to availability This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills	13004800 Grade level: 12 HS Credit(s): 1
Differed at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC) CC (ARCH 2302) Architecture Freehand Drawing II Course offerings may vary each year due to availability This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	13004800 Grade level: 12
Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC) CC (ARCH 2302) Architecture Freehand Drawing II Course offerings may vary each year due to availability This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): None	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3
Differed at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC) CC (ARCH 2302) Architecture Freehand Drawing II Course offerings may vary each year due to availability This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): None CC Prerequisite(s): ARCH 2301	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3
Differed at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC) CC (ARCH 2302) Architecture Freehand Drawing II Course offerings may vary each year due to availability This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): None CC Prerequisite(s): ARCH 2301 Course taught by a TCC-approved adjunct instructor	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3
Differed at: Diamond Hill-Jarvis (P-TECH)  DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)  CC (ARCH 2302) Architecture Freehand Drawing II  Course offerings may vary each year due to availability  This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): None CC Prerequisite(s): ARCH 2301 Course taught by a TCC-approved adjunct instructor Differed at: Diamond Hill-Jarvis (P-TECH)	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b>
Differed at: Diamond Hill-Jarvis (P-TECH)  DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)  CC (ARCH 2302) Architecture Freehand Drawing II  Course offerings may vary each year due to availability  This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): None CC Prerequisite(s): ARCH 2301 Course taught by a TCC-approved adjunct instructor Offered at: Diamond Hill-Jarvis (P-TECH)  DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3
Differed at: Diamond Hill-Jarvis (P-TECH)  DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)  CC (ARCH 2302) Architecture Freehand Drawing II  Course offerings may vary each year due to availability  This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.  WISD Prerequisite(s): None CC Prerequisite(s): ARCH 2301 Course taught by a TCC-approved adjunct instructor Differed at: Diamond Hill-Jarvis (P-TECH)  DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)  TCC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b>
Differed at: Diamond Hill-Jarvis (P-TECH)  DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)  CC (ARCH 2302) Architecture Freehand Drawing II  Course offerings may vary each year due to availability  This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills  nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): None CC Prerequisite(s): ARCH 2301 Course taught by a TCC-approved adjunct instructor Differed at: Diamond Hill-Jarvis (P-TECH)  DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)  TCC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone) Course offerings may vary each year due to availability	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> ARD04810A
Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)         CC (ARCH 2302) Architecture Freehand Drawing II         Course offerings may vary each year due to availability         This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations.         Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student         Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         WISD Prerequisite(s): None         "CC Prerequisite(s): ARCH 2301         Course taught by a TCC-approved adjunct instructor         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)         TCC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)         Course offerings may vary each year due to availability	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A
Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)         CC (ARCH 2302) Architecture Freehand Drawing II         Course offerings may vary each year due to availability         This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand         echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations.         Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student         Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         WISD Prerequisite(s): None         CC Prerequisite(s): None         CC Prerequisite(s): ARCH 2301         Course taught by a TCC-approved adjunct instructor         Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)         CC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)         Course offerings may vary each year due to availability         Students will engage in practical, general workplace training supported by an individualized learning plan         Leveloped by the employer, College and student. This experience may be paid or non-paid.	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> ARD04810A 13004810 Grade level: 12
Offered at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)         CC (ARCH 2302) Architecture Freehand Drawing II         Course offerings may vary each year due to availability         This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand         echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations.         Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student         Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         WISD Prerequisite(s): None         CC Prerequisite(s): ARCH 2301         Course taught by a TCC-approved adjunct instructor         Differed at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)         CC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)         Course offerings may vary each year due to availability         Students will engage in practical, general workplace training supported by an individualized learning plan         Leveloped by the employer, College and student. This experience may be paid or non-paid.         Instructional Material: Contact the Office of Innovation, Early College Pro	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A 13004810 Grade level: 12 HS Credit(s): 1
Offered at: Diamond Hill-Jarvis (P-TÉCH)         DVAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)         TCC (ARCH 2302) Architecture Freehand Drawing II         Course offerings may vary each year due to availability         This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand         echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations.         Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student         Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         WISD Prerequisite(s): None         TCC Prerequisite(s): ARCH 2301         Course taught by a TCC-approved adjunct instructor         Offered at: Diamond Hill-Jarvis (P-TECH)         DVAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)         TCC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)         Course offerings may vary each year due to availability         Citudents will engage in practical, general workplace training supported by an individualized learning plan         Leveloped by the employer, College and student. This experience may be paid or non-paid.         Instructional Material: Contact the Office of Innovation, Early College	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A 13004810 Grade level: 12 HS Credit(s): 1 College Hour(s): 3
Offered at: Diamond Hill-Jarvis (P-TECH)         DVAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)         CC (ARCH 2302) Architecture Freehand Drawing II         Course offerings may vary each year due to availability         This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand         echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations.         Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student         Verformance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills         nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         WISD Prerequisite(s): None         CC Prerequisite(s): ARCH 2301         Course taught by a TCC-approved adjunct instructor         Offered at: Diamond Hill-Jarvis (P-TECH)         DVAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)         CC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)         Course offerings may vary each year due to availability         tudents will engage in practical, general workplace training supported by an individualized learning plan         leveloped by the employer, College and student. This experience may be paid or non-paid.         nstructional Material: Contact the Office of Innovation, Early College Program	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A 13004810 Grade level: 12 HS Credit(s): 1
Offered at: Diamond Hill-Jarvis (P-TECH)         DVAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)         TCC (ARCH 2302) Architecture Freehand Drawing II         Course offerings may vary each year due to availability         This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand         echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations.         Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student         Verformance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         WISD Prerequisite(s): None         TCC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)         Course offerings may vary each year due to availability         Otduct REDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)         TCC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)         Course offerings may vary each year due to availability         Students will engage in practical, general workplace training supported by an individualized learning plan         leveloped by the employer, College and student. This experience may be paid or non-paid.         nstructional Material: Contact the Office of Innovation, Early College Programs Depar	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A 13004810 Grade level: 12 HS Credit(s): 1 College Hour(s): 3
Offered at: Diamond Hill-Jarvis (P-TECH)         DVAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)         CC (ARCH 2302) Architecture Freehand Drawing II         Course offerings may vary each year due to availability         This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand         echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations.         Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student         Verformance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills         nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         WISD Prerequisite(s): None         CC Prerequisite(s): ARCH 2301         Course taught by a TCC-approved adjunct instructor         Offered at: Diamond Hill-Jarvis (P-TECH)         DVAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)         CC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)         Course offerings may vary each year due to availability         tudents will engage in practical, general workplace training supported by an individualized learning plan         leveloped by the employer, College and student. This experience may be paid or non-paid.         nstructional Material: Contact the Office of Innovation, Early College Program	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A 13004810 Grade level: 12 HS Credit(s): 1 College Hour(s): 3
Offered at: Diamond Hill-Jarvis (P-TECH)         DVAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)         TCC (ARCH 2302) Architecture Freehand Drawing II         Course offerings may vary each year due to availability         This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand         echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations.         Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student         Verformance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         WISD Prerequisite(s): None         TCC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)         Course offerings may vary each year due to availability         Otduct REDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)         TCC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)         Course offerings may vary each year due to availability         Students will engage in practical, general workplace training supported by an individualized learning plan         leveloped by the employer, College and student. This experience may be paid or non-paid.         nstructional Material: Contact the Office of Innovation, Early College Programs Depar	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A 13004810 Grade level: 12 HS Credit(s): 1 College Hour(s): 3
Differed at: Diamond Hill-Jarvis (P-TECH)  DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)  TCC (ARCH 2302) Architecture Freehand Drawing II  Course offerings may vary each year due to availability  This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): None CC Prerequisite(s): None CC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone) Course offerings may vary each year due to availability Students will engage in practical, general workplace training supported by an individualized learning plan leveloped by the employer, College and student. This experience may be paid or non-paid. nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): Dual Credit Unpaid Practicum in Architectural Design/d AB (first time taken) CC (ARCT 2367) Practicut the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): Consent of TCC Department Chairperson Course taught by a TCC-approved adjunct instructor Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d B (first time taken) CC (Prerequisite(s): Consent of TCC Department Chairperson Course taught by a TCC-approved adjunct instructor Offered at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB)	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A 13004810 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I
Differed at: Diamond Hill-Jarvis (P-TECH)  DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)  TCC (ARCH 2302) Architecture Freehand Drawing II  Course offerings may vary each year due to availability  This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Board (NAAB) Student Performance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): None CC Prerequisite(s): ARCH 2301 Course taught by a TCC-approved adjunct instructor Differed at: Diamond Hill-Jarvis (P-TECH) DVAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC) CC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone) Course offerings may vary each year due to availability Extudents will engage in practical, general workplace training supported by an individualized learning plan leveloped by the employer, College and student. This experience may be paid or non-paid. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): Consent of TCC Department Chairperson Course taught by a TCC-approved adjunct instructor Differed at: Diamond Hill-Jarvis (P-TECH) DVAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB) TCC Course: (COSC 1301) Introduction to Computing +	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A 13004810 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I
Differed at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC) (CC (ARCH 2302) Architecture Freehand Drawing II Course offerings may vary each year due to availability this course offerings may vary each year due to availability this course offerings may vary each year due to availability this course offerings may vary each year due to availability this course offerings may vary each year due to availability this course offerings may vary each year due to availability this course offerings may vary each year due to availability this course offerings may vary each year due to availability this course offerings may vary each year due to availability this course offerings may vary each year due to availability the formance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. (CC Prerequisite(s): None (CC Crerequisite(s): ARCH 2301 Course adght by a TCC-approved adjunct instructor Differed at: Diamond Hill-Jarvis (P-TECH) DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC) (CC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone) Course offerings may vary each year due to availability (students will engage in practical, general workplace training supported by an individualized learning plan leveloped by the employer, College and student. This experience may be paid or non-paid. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. (SD Prerequisite(s): Dual Credit Unpaid Practicum in Architectural Design/d AB (first time taken) (CC Prerequisite(s): Consent of TCC Department Chairperson Course taught by a TCC-approved adjunct instructor (CF are availability (P-TECH)) DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB) (CC Course: (COSC 1301) Introduction to Computing + (Course offerings may va	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A 13004810 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ITD27201AB
Differed at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)         ICC (ARCH 2302) Architecture Freehand Drawing II         Course offerings may vary each year due to availability         This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations.         Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student         Verformance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         WISD Prerequisite(s): None         CCC Prerequisite(s): None         CCC approved adjunct instructor         Offered at: Diamond Hill-Jarvis (P-TECH)         DVAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)         ICC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)         Course offerings may vary each year due to availability         vitudents will engage in practical, general workplace training supported by an individualized learning plan         leveloped by the employer, College and student. This experience may be paid or non-paid.         nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ITD27201AB I3027200
Differed at: Diamond Hill-Jarvis (P-TECH) DVAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC) (CC (ARCH 2302) Architecture Freehand Drawing II Course offerings may vary each year due to availability 'his course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations. Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student 'erformance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills 'nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): None (CC Prerequisite(s): None (CC ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone) Course offerings may vary each year due to availability 'itudents will engage in practical, general workplace training supported by an individualized learning plan leveloped by the employer, College and student. This experience may be paid or non-paid. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): Consent of TCC Department Chairperson Course offerings may vary each year due to availability itudents will engage in practical, general workplace training supported by an individualized learning plan leveloped by the employer, College and student. This experience may be paid or non-paid. Instructional Material: Consent of TCC Department Chairperson Course offerings may vary each year due to availability CC Prerequisite(s): Consent of TCC Department Chairperson Course offerings may vary each year due to availability CC Prerequisite(s): Consent of TCC Department Chairperson Course offerings may vary each year due to availability CC Prerequisite(s): Consent of TCC Department Chairperson Course offerings may vary each year due to availability Cud	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ITD27201AB I3027200 Grade level: 9 - 11
Differed at: Diamond Hill-Jarvis (P-TECH)         DUAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d I B (PRACADSN B DC)         ICC (ARCH 2302) Architecture Freehand Drawing II         Course offerings may vary each year due to availability         This course develops advanced freehand design drawing skills in architecture. Emphasis is on using freehand echniques in visual thinking and analysis. Development of conceptual ideas for clear graphic presentations.         Course is intended to fulfill all or part of the following National Architectural Accrediting Board (NAAB) Student         Verformance Criteria: A.1 Professional Communication Skills and A.4 Architecture Design Skills         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.         WISD Prerequisite(s): None         CCC Prerequisite(s): None         CCC approved adjunct instructor         Offered at: Diamond Hill-Jarvis (P-TECH)         DVAL CREDIT UNPAID PRACTICUM IN ARCHITECTURAL DESIGN/d II A (PRACADSN2 AB DC)         ICC (ARCT 2367) Practicum in Architectural Engineering Technology/Technician (Capstone)         Course offerings may vary each year due to availability         vitudents will engage in practical, general workplace training supported by an individualized learning plan         leveloped by the employer, College and student. This experience may be paid or non-paid.         nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	13004800 Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ARD04810A Grade level: 12 HS Credit(s): 1 College Hour(s): 3 Tier I ITD27201AB I3027200

and the history and use of computers in business, educational, and other interdisciplinary settings are also	
studied. This course is not intended to count toward a student's major field of study in business or computer	
ccience. <u>nstructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials.	
FWISD Prerequisite(s): None	College Hour(s): 3 <b>Tier I</b>
<u>Corequisites</u> : None	
T <u>CC Prerequisite(s)</u> : None	
Course taught by a TCC-approved adjunct instructor	
Offered only at: Diamond-Hills Jarvis HS (P-TECH), Eastern Hills (P-TECH), South Hills (P-TECH), and TCC South	
Collegiate HS (P-TECH)	
DUAL CREDIT UNPAID PRACTICUM IN CONSTRUCTION MANAGEMENT I/d A	ARD06202A
(PRACCONS A DC)	
TCC Course: (CNBT 2337) Construction Estimating II	
*Course offerings may vary each year due to availability	
Students will explore advanced estimating concepts using computer software for construction and crafts and	13006200
earn how advanced construction scheduling utilizing computer scheduling software to perform various	Grade level: 11 - 12
scheduling procedures.	HS Credit(s): 1
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 3
EWISD Prerequisite(s): Dual Credit Principles of Information Technology AB	Tier I
<u>Corequisites</u> : None <u>TCC Prerequisite(s)</u> : CNBT 1346	
<u>ICC Prerequisite(s)</u> : CNBT 1346 Course taught by a TCC-approved adjunct instructor	
Offered only at: Diamond-Hills Jarvis HS (P-TECH)	
DUAL CREDIT UNPAID PRACTICUM IN CONSTRUCTION MANAGEMENT I/d B	ARD06202B
(PRACCONS B DC)	
TCC Course: (CNBT 2266) Practicum in Construction/Engineering Technician	
*Course offerings may vary each year due to availability	
Students will apply practical, general workplace training supported by an individualized learning plan	13006200
developed by the employer, College, and student. This is a capstone course.	Grade level: 11 - 12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	HS Credit(s): 1
FWISD Prerequisite(s): Dual Practicum in Construction Management I/d A	College Hour(s): 3
<u>Corequisites</u> : None	Tier I
TCC Prerequisite(s): CNBT 2337 and CNBT 2335	
Course taught by a TCC-approved adjunct instructor	
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH)	
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)	BAD11412AB
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications	BAD11412AB
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications *Courses may change due to availability	
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)</b> <b>TCC COURSE: (BCIS 1305) Business Computer Applications</b> *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The	13011400
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing,	13011400 Grade level: 9 - 12
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented	13011400
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)</b> <b>TCC COURSE: (BCIS 1305) Business Computer Applications</b> *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet.	13011400 Grade level: 9 - 12 HS Credit(s): 1
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)</b> <b>TCC COURSE: (BCIS 1305) Business Computer Applications</b> *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305)	13011400 Grade level: 9 - 12
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)</b> <b>TCC COURSE: (BCIS 1305) Business Computer Applications</b> *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, ncluding word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) <u>FWISD Prerequisite(s)</u> : None	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)</b> <b>TCC COURSE: (BCIS 1305) Business Computer Applications</b> *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, ncluding word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) <u>FWISD Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : TSI	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)</b> <b>TCC COURSE: (BCIS 1305) Business Computer Applications</b> *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, ncluding word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) <u>FWISD Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH)	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)</b> <b>TCC COURSE: (BCIS 1305) Business Computer Applications</b> *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) <u>FWISD Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC)</b> <b>TCC COURSE: (LMGT 1319) Introduction to Business Logistics</b>	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b>
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)</b> <b>TCC COURSE: (BCIS 1305) Business Computer Applications</b> *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) <u>FWISD Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC)</b> <b>TCC COURSE: (LMGT 1319) Introduction to Business Logistics</b> *Courses may change due to availability	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> <b>TPD40301A</b>
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)</b> <b>TCC COURSE: (BCIS 1305) Business Computer Applications</b> *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) <u>FWISD Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC)</b> <b>TCC COURSE: (LMGT 1319) Introduction to Business Logistics</b> *Courses may change due to availability Emphasis on physical distribution and total supply chain management. Includes warehouse operations	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> <b>TPD40301A</b> 13040300
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)</b> <b>TCC COURSE: (BCIS 1305) Business Computer Applications</b> *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) FWISD Prerequisite(s): None TCC Prerequisite(s): TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) <b>DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC)</b> <b>TCC COURSE: (LMGT 1319) Introduction to Business Logistics</b> *Courses may change due to availability Emphasis on physical distribution and total supply chain management. Includes warehouse operations management, hardware and software operations, bar codes, organizational effectiveness, just-in-time	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> <b>TPD40301A</b> 13040300 Grade level: 9 - 12
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, ncluding word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) FWISD Prerequisite(s): None TCC Prerequisite(s): TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC) TCC COURSE: (LMGT 1319) Introduction to Business Logistics *Courses may change due to availability Emphasis on physical distribution and total supply chain management. Includes warehouse operations management, hardware and software operations, bar codes, organizational effectiveness, just-in-time manufacturing and continuous replenishment, and third party.	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> <b>TPD40301A</b> 13040300 Grade level: 9 - 12 HS Credit(s): 0.5
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, ncluding word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) EWISD Prerequisite(s): None TCC Prerequisite(s): TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC) TCC COURSE: (LMGT 1319) Introduction to Business Logistics *Courses may change due to availability Emphasis on physical distribution and total supply chain management. Includes warehouse operations management, hardware and software operations, bar codes, organizational effectiveness, just-in-time manufacturing and continuous replenishment, and third party. nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> <b>TPD40301A</b> 13040300 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): 3
Course taught by a TCC-approved adjunct instructor Differed only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, ncluding word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) EVISD Prerequisite(s): None TCC Prerequisite(s): TSI Differed only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC) TCC COURSE: (LMGT 1319) Introduction to Business Logistics *Courses may change due to availability Emphasis on physical distribution and total supply chain management. Includes warehouse operations management, hardware and software operations, bar codes, organizational effectiveness, just-in-time manufacturing and continuous replenishment, and third party. mstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. EWISD Prerequisite(s): None	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> <b>TPD40301A</b> 13040300 Grade level: 9 - 12 HS Credit(s): 0.5
Course taught by a TCC-approved adjunct instructor Differed only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The iocus of this course is on business productivity software applications and professional behavior in computing, ncluding word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) FWISD Prerequisite(s): None TCC Prerequisite(s): TSI Differed only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC) TCC COURSE: (LMGT 1319) Introduction to Business Logistics *Courses may change due to availability Emphasis on physical distribution and total supply chain management. Includes warehouse operations management, hardware and software operations, bar codes, organizational effectiveness, just-in-time manufacturing and continuous replenishment, and third party. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. EWISD Prerequisite(s): TSI	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> <b>TPD40301A</b> 13040300 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): 3
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications "Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, ncluding word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) FWISD Prerequisite(s): None TCC Prerequisite(s): TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC) TCC COURSE: (LMGT 1319) Introduction to Business Logistics *Courses may change due to availability Emphasis on physical distribution and total supply chain management. Includes warehouse operations management, hardware and software operations, bar codes, organizational effectiveness, just-in-time manufacturing and continuous replenishment, and third party. nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH)	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> <b>TPD40301A</b> 13040300 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b>
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) FWISD Prerequisite(s): None TCC Prerequisite(s): None TCC COURSE: (LMGT 1319) Introduction to Business Logistics *Courses may change due to availability Emphasis on physical distribution and total supply chain management. Includes warehouse operations management, hardware and software operations, bar codes, organizational effectiveness, just-in-time manufacturing and continuous replenishment, and third party. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): None TCC Prerequisite(s): None TCC Prerequisite(s): TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC) TCC COURSE: (LMGT 1319) Introduction to Business Logistics *Courses may change due to availability Emphasis on physical distribution and total supply chain management. Includes warehouse operations management, hardware and software operations, bar codes, organizational effectiveness, just-in-time manufacturing and continuous replenishment, and third party. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): None TCC Prerequisite(s): TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS B (DISTLGS B DC)	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> <b>TPD40301A</b> 13040300 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): 3
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications "Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) FWISD Prerequisite(s): None TCC Prerequisite(s): TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC) TCC COURSE: (LMGT 1319) Introduction to Business Logistics "Courses may change due to availability Emphasis on physical distribution and total supply chain management. Includes warehouse operations management, hardware and software operations, bar codes, organizational effectiveness, just-in-time manufacturing and continuous replenishment, and third party. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS B (DISTLGS B DC) TCC Prerequisite(s): TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS B (DISTLGS B DC) TCC POURSE: (LMGT 1325) Warehouse and Distribution System Management	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> <b>TPD40301A</b> 13040300 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b>
Course taight by a TCC-approved adjunct instructor Differed only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications 'Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The 'ocus of this course is on business productivity software applications and professional behavior in computing, ncluding word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) FWISD Prerequisite(s): TSI Differed only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC) TCC COURSE: (LMGT 1319) Introduction to Business Logistics 'Courses may change due to availability Emphasis on physical distribution and total supply chain management. Includes warehouse operations manufacturing and continuous replenishment, and third party. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): TSI Differed only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS B (DISTLGS B DC) TCC COURSE: (LMGT 1325) Warehouse and Distribution System Management 'Courses may change due to availability	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> <b>TPD40301A</b> 13040300 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b> <b>TPD40301B</b>
Course taught by a TCC-approved adjunct instructor Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: (BCIS 1305) Business Computer Applications "Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, ncluding word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet. Instructional Material: TCC Course: Business Computer Applications (BCIS 1305) EWISD Prerequisite(s): None TCC Prerequisite(s): None TCC Prerequisite(s): TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS A (DISTLGS A DC) TCC COURSE: (LMGT 1319) Introduction to Business Logistics "Courses may change due to availability Emphasis on physical distribution and total supply chain management. Includes warehouse operations management, hardware and software operations, bar codes, organizational effectiveness, just-in-time manufacturing and continuous replenishment, and third party. nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. EWISD Prerequisite(s): TSI Offered only at: Diamond-Hills Jarvis HS (P-TECH) DUAL CREDIT DISTRIBUTION AND LOGISITICS B (DISTLGS B DC)	13011400 Grade level: 9 - 12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> <b>TPD40301A</b> 13040300 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b>

Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. <u>FWISD Prerequisite(s)</u> : Dual Credit Distribution and Logistics A <u>TCC Prerequisite(s)</u> : TSI and LMGT 1319	College Hour(s): 3 <b>Tier I</b>
Offered only at: Diamond-Hills Jarvis HS (P-TECH)	
DUAL CREDIT MANAGEMENT OF TRANSPORTATION SYSTEMS A (MNGTRSY A DC)	TPD40200A
<b>FCC COURSE: (LMGT 1323) Domestic and International Transportation Management</b> Courses may change due to availability	
This course will focus on physical distribution and total supply chain management. Includes warehouse	13040200
operations management, hardware and software operations, bar codes, organizational	Grade level: 9 - 12
ffectiveness, just-in-time manufacturing and continuous replenishment, and third party.	HS Credit(s): 1 0.5
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 3.0
WISD Prerequisite(s): Dual Credit Distribution and Logistics A	Tier I
I <u>CC Prerequisite(s)</u> : TSI and LMGT 1319	
Offered only at: Diamond-Hills Jarvis HS (P-TECH)	
DUAL CREDIT MANAGEMENT OF TRANSPORTATION SYSTEMS B (MNGTRSY B DC)	TPD40200B
<b>FCC COURSE: (LMGT 2334) Principles of Traffic Mgt</b> Courses may change due to availability	
This course will focus on the role and functions of a transportation traffic manager within a	13040200
commercial or public enterprise.	Grade level: 9 - 12
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	HS Credit(s): 0.5
<u>EWISD Prerequisite(s)</u> : Dual Credit Distribution and Logistics A	College Hour(s): 3
<u>TCC Prerequisite(s)</u> : TSI and LMGT 1319	Tier I
Dffered only at: Diamond-Hills Jarvis HS (P-TECH)	
DUAL CREDIT CONCEPTS OF DISTRIBUTION AND LOGISTICS TECHNOLOGY A (DISTLOG A DC)	TPD03800A
TCC COURSE: (IBUS 1301) Principles of Exports	
Courses may change due to availability	
This course will focus on export management processes and procedures. Export topics include governmental	N1303800
controls and compliance, licensing of products, documentation, commercial invoices, and transportation.	
Emphasizes human and public relations, management of personnel, finance, and accounting procedures.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	Grade level: 10 - 12
FWISD Prerequisite(s): Dual Credit Distribution and Logistics A	HS Credit(s): 0.5
TCC Prerequisite(s): TSI and LMGT 1325	College Hour(s): 3.0
Offered only at: Diamond-Hills Jarvis HS (P-TECH)	Tier I
DUAL CREDIT CONCEPTS OF DISTRIBUTION AND LOGISTICS TECHNOLOGY B (DISTLOG B DC)	TPD03800B
TCC COURSE: (IBUS 1302) Principles of Imports	
Courses may change due to availability	
This course will focus on import management processes and procedures. Import topics include the preparation	N1303800
and understanding of import documents such as customs invoices, packing lists, and commercial invoices.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	Grade level: 10 - 12
FWISD Prerequisite(s): Dual Credit Distribution and Logistics A	HS Credit(s): 0.5
TCC Prerequisite(s): TSI and LMGT 1325	College Hour(s): 3
Offered only at: Diamond-Hills Jarvis HS (P-TECH)	Tier I
DUAL CREDIT BUSINESS LAW (BUSLAW AB DC)	BAD11701AB
TCC COURSE: BUSINESS LAW (BUS 2301)	
*Course offerings may vary each year due to availability	
This course provides the student with foundational information about the U.S. legal system and dispute	13011700
resolution, and their impact on business. The major content areas will include general principles of law, the	Grade level: 10 - 12
relationship of business and the U.S. Constitution, state and federal legal systems, the relationship between law	HS Credit(s): 1
and ethics, contracts, sales, torts, agency law, intellectual property, and business law in the global context.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): 3
Prerequisite(s): None	Tier I
Offered only at: TCC South Collegiate HS (P-TECH) and Diamond-Hills Jarvis HS (P-TECH)	
DUAL CREDIT ADVANCED MARKETING AB	MKD34700AB
FCC COURSE: PRINCIPLES OF MARKETING (MRKG 1311)	
	1000 1700
*Course offerings may vary each year due to availability	
<sup>t</sup> Course offerings may vary each year due to availability n this course, students will gain an introduction to the marketing mix functions and processes. The course	13034700
*Course offerings may vary each year due to availability n this course, students will gain an introduction to the marketing mix functions and processes. The course opics include: identification of consumer and organizational needs and explanation of environmental issues.	Grade level: 11 - 12
*Course offerings may vary each year due to availability n this course, students will gain an introduction to the marketing mix functions and processes. The course copics include: identification of consumer and organizational needs and explanation of environmental issues. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	Grade level: 11 - 12 HS Credit(s): 1
*Course offerings may vary each year due to availability n this course, students will gain an introduction to the marketing mix functions and processes. The course copics include: identification of consumer and organizational needs and explanation of environmental issues. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): 3
Course offerings may vary each year due to availability n this course, students will gain an introduction to the marketing mix functions and processes. The course copics include: identification of consumer and organizational needs and explanation of environmental issues. <u>nstructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials. <u>Prerequisite(s)</u> : Dual Credit Business Management	Grade level: 11 - 12 HS Credit(s): 1
Course offerings may vary each year due to availability n this course, students will gain an introduction to the marketing mix functions and processes. The course opics include: identification of consumer and organizational needs and explanation of environmental issues. <u>nstructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials.	Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): 3

DUAL CREDIT BUSINESS MANAGEMENT FOR LOGISTICS A (BUSMGTL ADC)	BAD12104A
TCC COURSE: (BMGT 1301) Supervision	
*Course offerings may vary each year due to availability	
In this course, students will understand the role of the supervisor. Topics explored includes: managerial	13012100
functions as applied to leadership, counseling, motivation, and human relations skills.	Grade level: 11 – 12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	HS Credit(s): 1
materials.	College Hour(s):-3
Prerequisite(s): Dual Credit Business Management	Tier I
TCC Prerequisite(s): BMGTI 1301 and BMGT 1313	
Offered only at: Diamond-Hills Jarvis HS (P-TECH)	
DUAL CREDIT BUSINESS MANAGEMENT FOR LOGISTICS B (BUSMGTL B DC)	BAD12104B
TCC COURSE: (BMGT 1313) Principles of Purchasing	
*Course offerings may vary each year due to availability	
In this course, students will learn about the purchasing process as it relates to such as topics as inventory	13012100
control, price determination, vendor selection, supply chain management, negotiation techniques, and ethical	Grade level: 11 – 12
issues in purchasing.	HS Credit(s): 1
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	College Hour(s): 3
materials.	Tier I
Prerequisite(s): Dual Credit Business Management	
TCC Prerequisite(s): BMGTI 1301 and BMGT 1313	
Offered only at: Diamond-Hills Jarvis HS (P-TECH)	
DUAL CREDIT UNPAID PRACTICUM IN DISTRIBUTION & LOGISITICS A (PRACDLG1 A DC)	TPD40470A
TCC COURSE: (BMGT 1331) Production	
*Course offerings may vary each year due to availability	
In this course, students will understand the fundamentals of techniques used in the practice of production and	13040470
operations management. Course topics includes location, design, and resource allocation.	Grade level: 11 - 12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	HS Credit(s): 1
materials.	College Hour(s): 3
Prerequisite(s): Dual Credit Business Management	Tier I
TCC Prerequisite(s): MRKG 1311 and ACCT 2301	
Offered only at: Diamond-Hills Jarvis HS (P-TECH)	
DUAL CREDIT UNPAID PRACTICUM IN DISTRIBUTION & LOGISITICS B (PRACDLG1 B DC)	TPD40470B
TCC COURSE: (LMGT 2388) Internship: Logistics and Materials	
*Course offerings may vary each year due to availability	
A work-based learning experience that enables the student to apply specialized occupational theory, skills and	13040470
concepts. A learning plan is developed by the College and the employer.	Grade level: 11 - 12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	HS Credit(s): 1
materials.	College Hour(s): 3
<u>Prerequisite(s)</u> : Dual Credit Business Management	Tier I
<u>TCC Prerequisite(s)</u> : LMGT 2334 Offered only at: Diamond-Hills Jarvis HS (P-TECH)	

Business & Industry Endorsement

### FOR THE GRADUATING CLASS OF 2025 and beyond

The Software Development, IT and User Experience P-TECH Academy offers one (1) Career Focus.

	9 <sup>th</sup> Gr	ada	101	<sup>h</sup> Grade	Is Crosswalk 11 <sup>th</sup> Grade		12 <sup>th</sup> Grade	
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
in the second se	English I or II	English I or II	English II or *III	English II or *III	*English III or	*English III or	AP Lit	AP Lit
					IV OR Rhet. 1301	IV OR Rhet 1301		
	Algebra I or Geometry	Algebra I or Geometry	Geometry or Algebra II	Geometry or Algebra II	Algebra II or *Pre-Calculus	Algebra II or *Pre-Calculus	*Pre-Calculus or *Calculus	* Pre-Calculus o *Calculus
	World Geography AP Human Geo	World Geography AP Human Geo	*AP World History	*AP World History	*AP US History	*AP US History	Government	Econ
	Biology Pre-AP Bio.	Biology Pre-AP Bio.	Chemistry	Chemistry	Physics or Chem II	Physics OR Chem II	4 <sup>th</sup> Year Science	4 <sup>th</sup> Year Science
	World Language	World Language	World Language	World Language				
-	*Dual Credit Fine Arts	*Dual Credit Speech	Health	Elective	Possible Elective	Possible Elective		
ğ	PE	PE						
High School	Dual Credit Principles of Information Technology AB <sup>1</sup> (ITD27201AB)	Dual Credit Computer Science I AB <sup>1</sup> (TAD2151AB)	Dual Credit Fundamentals of Computer Science AB <sup>1</sup> (TAD2140AB) AND Dual Credit Computer Science II AB <sup>2</sup> (TAD2153AB)	Dual Credit Web Communications T <sup>1</sup> (ITD80810T) AND Dual Credit Mobile Application Development AB <sup>2</sup> (TAD80390AB)	Dual Credit Foundations of Cybersecurity AB <sup>1</sup> (ITD27904AB) AND Dual Credit Networking AB <sup>2</sup> (ITD27402AB)		Dual Credit Web Design AB <sup>1</sup> (TAD7728AB) AND Honors Paid or Unpaid Practicum in Information Technology AB (ITH27212AB); (ITH27202AB) OR Honors Paid or Unpaid Practicum in STEM AB (STH37405AB); (STH37402AB) OR Honors Project-Based Research AB (CPH01500AB) OR Career Prep AB (CP01302AB)	Honors Paid of Unpaid Practicul in Information Technology AE (ITH27212AB); (ITH27202AB) OR Honors Paid or Unpaid Practicum in STEM AB (STH37405AB); (STH37405AB); Honors Project Based Research AB (or CPH01500AB) OR Career Prep AB (CP01302AE
	ARTS 1301**	SPEECH 1321**	CPMT 1403	ITSE 1411 <sup>1</sup>		ITSE 2371	ENGL 1301**	ENGL 1302
ege	COSC 13011*	ITNW 1309	COSC 1436 <sup>2*</sup>	ITSE 1333	ITSY 13001*	ITSE 2310	MATH 1314**	MATH 2412
College					ITNW 1425 <sup>2</sup> *	Behavioral Sci**	ITSE 2302	INEW 2434
							ITSE 2409*	
Hrs.	Up to 6	Up to 6	Up to 11	Up to 11 ogramming - 60+ hours	Up to 10	Up to 10	Up to 14	Up to 11

Students who complete Fundamentals of Computer Science, Computer Science I, Computer Science II, and either Practicum will have met requirements for the Programming and Software Development Program of Study for a Business and Industry or STEM endorsement if the math and science requirements are met.

# COURSE DESCRIPTIONS FOR THE SOFTWARE DEVELOPMENT, IT AND USER EXPERIENCE P-TECH

HONORS PROJECT-BASED RESEARCH AB (PROBS1 AB/H) (Available Fall 2023) Previously Problems and Solutions	СРН01500АВ
Students will research a real-world problem and possible solutions throughout this course. Students develop a project on a topic related to career interests, use scientific methods of investigation to conduct in-depth research, are matched with a mentor from the business or professional community, compile findings, and present their indings to an audience that includes experts in the field. This course must be cooperatively planned and	12701101 Grade level: 11-12 HS Credit(s): 1
upervised by the teacher ensuring that the student has guidance and support of a mentor or interdisciplinary eam. The district must maintain a written project plan for each student enrolled in the course.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Specific to program focus/pathway and is the previous course in the sequence.	Tier II
Dffered at: All high school campuses	
CAREER PREPARATION I AB (CAREERP1 AB)	CP01300AB
This course is a paid capstone experience for students who have found employment for the school year. Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with paid business and industry employment experiences. It supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, numan relations, and portfolio development. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any paid learning experience course. In order to receive course credit, this course requires that students make a full rear commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school nours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan.	12701121 Grade level: 11 - 12 HS Credit(s): 2
nstructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): None	College Hour(s): NA <b>Tier III</b>
Dffered at: All high school campuses	CD014004D
CAREER PREPARATION II AB (CAREERP2 AB)	CP01400AB
he Career Preparation II course is for those students who are taking a Career Preparation course for the second ime and continue or have new employment during the duration of the course; working <u>ten hours per week</u> (or	12701122 Grade level: 12
verage of 20 hours across two weeks). This course provides the same opportunities and requirements as the	HS Credit(s): 2
Career Preparation I course.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Career Preparation I AB	Tier III
Offered at: All high school campuses	
AREER PREPARATION I/EXTENDED I AB (EXCAREE1 AB)	CP01302AB
his course is a paid capstone experience for students who have found employment for the school year. Career Preparation I/Extended provides opportunities for students to participate in a work-based learning experience hat combines classroom instruction with paid business and industry employment experiences. It supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills upplicable to their training station, job interview techniques, communication skills, financial and budget activities, numan relations, and portfolio development. Career preparation is relevant and rigorous, supports student trainment of academic standards, and effectively prepares students for college and carer success. A student nust be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any baid learning experience course. In order to receive course credit, this course requires that students make a full the employed for fifteen hours per week (or average of 30 hours across two weeks) at an approved site within ten lays of the beginning of the course. Work hours can be included during the school day or outside of school nours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to vork as long as work release does not jeopardize students' projected graduation plan.	12701305 Grade level: 11-12 HS Credit(s): 3
nstructional Material: Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : None <u>Present at All birb school computer</u>	College Hour(s): NA <b>Tier III</b>
Dffered at: All high school campuses	CP01402AB
AREER PREPARATION II/EXTENDED (EXCAREEZ AR)	
CAREER PREPARATION II/EXTENDED (EXCAREE2 AB) The Career Preparation I/Extended course is for those students who are taking a Career Preparation course for	12701141

Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Career Preparation I	Tier III
Offered at: All high school campuses	
HONORS UNPAID PRACTICUM IN INFORMATION TECHNOLOGY AB/D (PRACIT1 AB/H)	ITH27202AB
In addition to the regular course curriculum, students in this double period honors course will complete a project	13028000
using the five phases of project management used in the business and industry environment. In addition to the	Grade level: 12
regular course curriculum, students in the honors course will complete additional projects and activities related to	HS Credit(s): 2
the business and industry environment. See the Unpaid Practicum in Information Technology course description	
n the Career & Technical Education, Information Technology section of this document.	
Instructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework	Tier II
Offered at: South Hills (P-TECH)	
HONORS PAID PRACTICUM IN INFORMATION TECHNOLOGY AB/EXTENDED AB	ITH27212AB
(EXPRIT2 AB/H)	
In addition to the regular course curriculum, students in this honors course will complete a project using the five	13028050
phases of project management used in the business and industry environment. In addition to the regular course	Grade level: 12
curriculum, students in the honors course will complete additional projects and activities related to the business	HS Credit(s): 3
and industry environment. See the Unpaid Practicum in Information Technology course description in the Career	
& Technical Education, Information Technology section of this document.	
Instructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework	Tier II
Offered at: South Hills (P-TECH)	
HONORS UNPAID PRACTICUM IN STEM AB/D (PRACSTEM AB/H)	STH37402AB
n addition to the regular course curriculum, students in this double period honors course will complete a project	13037402
using the five phases of project management used in the business and industry environment. In addition to the	Grade level: 12
regular course curriculum, students in the honors course will complete additional projects and activities related to	HS Credit(s): 2
	H3 Credit(s). 2
the business and industry environment. See the Unpaid Practicum in STEM course description in the Career &	
Technical Education, STEM section of this document.	<u> </u>
Instructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework	Tier II
Offered at: South Hills (P-TECH)	
HONORS PAID PRACTICUM IN STEM/EXTENDED AB (EXPRSTEM1 AB/H)	STH37405AB
n addition to the regular course curriculum, students in this honors course will complete a project using the five	13037405
phases of project management used in the business and industry environment. In addition to the regular course	Grade level: 12
curriculum, students in the honors course will complete additional projects and activities related to the business	HS Credit(s): 3
	ns cleat(s). s
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical	ns clean(s). s
	no Clean(s). S
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical	
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials	College Hour(s): NA
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document.	College Hour(s): NA
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. <u>Instructional Material</u> : Contact Career and Technical Education for related materials <u>Prerequisite(s)</u> : Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH)	College Hour(s): NA <b>Tier II</b>
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. <u>nstructional Material</u> : Contact Career and Technical Education for related materials <u>Prerequisite(s)</u> : Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) <b>DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB)</b>	College Hour(s): NA
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB) TCC Course: (COSC 1301) Introduction to Computing +	College Hour(s): NA <b>Tier II</b>
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB) TCC Course: (COSC 1301) Introduction to Computing + *Course offerings may vary each year due to availability	College Hour(s): NA Tier II ITD27201AB
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB) TCC Course: (COSC 1301) Introduction to Computing + *Course offerings may vary each year due to availability Students will gain an overview of computer systems-hardware, operating systems, the Internet, and application	College Hour(s): NA Tier II ITD27201AB
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB) TCC Course: (COSC 1301) Introduction to Computing + *Course offerings may vary each year due to availability Students will gain an overview of computer systems-hardware, operating systems, the Internet, and application software including word processing, spreadsheets, presentation graphics, and databases. Current topics such as	College Hour(s): NA Tier II ITD27201AB 13027200 Grade level: 9
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) <b>DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB)</b> <b>TCC Course: (COSC 1301) Introduction to Computing +</b> *Course offerings may vary each year due to availability Students will gain an overview of computer systems-hardware, operating systems, the Internet, and application software including word processing, spreadsheets, presentation graphics, and databases. Current topics such as the effect of computers on society, and the history and use of computers in business, educational, and other	College Hour(s): NA Tier II ITD27201AB
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and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) <b>DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB)</b> <b>TCC Course: (COSC 1301) Introduction to Computing +</b> *Course offerings may vary each year due to availability Students will gain an overview of computer systems-hardware, operating systems, the Internet, and application software including word processing, spreadsheets, presentation graphics, and databases. Current topics such as the effect of computers on society, and the history and use of computers in business, educational, and other nterdisciplinary settings are also studied. This course is not intended to count toward a student's major field of study in business or computer science.	College Hour(s): NA Tier II ITD27201AB 13027200 Grade level: 9 HS Credit(s): 1
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) <b>DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB)</b> <b>TCC Course: (COSC 1301) Introduction to Computing +</b> *Course offerings may vary each year due to availability Students will gain an overview of computer systems-hardware, operating systems, the Internet, and application software including word processing, spreadsheets, presentation graphics, and databases. Current topics such as the effect of computers on society, and the history and use of computers in business, educational, and other nterdisciplinary settings are also studied. This course is not intended to count toward a student's major field of study in business or computer science. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): NA Tier II ITD27201AB 13027200 Grade level: 9 HS Credit(s): 1 College Hour(s): 3
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and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB) TCC Course: (COSC 1301) Introduction to Computing + *Course offerings may vary each year due to availability Students will gain an overview of computer systems-hardware, operating systems, the Internet, and application software including word processing, spreadsheets, presentation graphics, and databases. Current topics such as the effect of computers on society, and the history and use of computers in business, educational, and other nterdisciplinary settings are also studied. This course is not intended to count toward a student's major field of study in business or computer science. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. EWISD Prerequisite(s): None Course taught by a TCC-approved adjunct instructor	College Hour(s): NA Tier II ITD27201AB 13027200 Grade level: 9 HS Credit(s): 1 College Hour(s): 3
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and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Pererequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) <b>DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB)</b> <b>TCC Course: (COSC 1301) Introduction to Computing +</b> "Course offerings may vary each year due to availability Students will gain an overview of computer systems-hardware, operating systems, the Internet, and application software including word processing, spreadsheets, presentation graphics, and databases. Current topics such as the effect of computers on society, and the history and use of computers in business, educational, and other nterdisciplinary settings are also studied. This course is not intended to count toward a student's major field of study in business or computer science. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. EVISD Prerequisite(s): None <u>Course taught by a TCC-approved adjunct instructor</u> Differed at: Diamond Hill Jarvis (P-TECH), Eastern Hills (P-TECH), South Hills (P-TECH), South Hills (P-TECH), and <u>TCC South Collegiate HS (P-TECH)</u> <b>DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB)</b>	College Hour(s): NA Tier II ITD27201AB 13027200 Grade level: 9 HS Credit(s): 1 College Hour(s): 3
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) <b>DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB)</b> <b>TCC Course: (COSC 1301) Introduction to Computing +</b> "Course offerings may vary each year due to availability Students will gain an overview of computer systems-hardware, operating systems, the Internet, and application software including word processing, spreadsheets, presentation graphics, and databases. Current topics such as the effect of computers on society, and the history and use of computers in business, educational, and other nterdisciplinary settings are also studied. This course is not intended to count toward a student's major field of study in business or computer science. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): None Course taught by a TCC-approved adjunct instructor Offered at: Diamond Hill Jarvis (P-TECH), Eastern Hills (P-TECH), South Hills (P-TECH), South Hills (P-TECH), and TCC South Collegiate HS (P-TECH) <b>DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB)</b> <b>TCC (ITNW 1309) Fundamentals of Cloud Computing</b>	College Hour(s): NA Tier II ITD27201AB 13027200 Grade level: 9 HS Credit(s): 1 College Hour(s): 3 Tier I
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) <b>DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB)</b> <b>TCC Course: (COSC 1301) Introduction to Computing +</b> "Course offerings may vary each year due to availability Students will gain an overview of computer systems-hardware, operating systems, the Internet, and application software including word processing, spreadsheets, presentation graphics, and databases. Current topics such as the effect of computers on society, and the history and use of computers in business, educational, and other nterdisciplinary settings are also studied. This course is not intended to count toward a student's major field of study in business or computer science. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): None Course taught by a TCC-approved adjunct instructor Offered at: Diamond Hill Jarvis (P-TECH), Eastern Hills (P-TECH), South Hills (P-TECH), South Hills (P-TECH), and TCC South Collegiate HS (P-TECH) <b>DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB)</b> <b>TCC (ITNW 1309) Fundamentals of Cloud Computing</b> "Course offerings may vary each year due to availability	College Hour(s): NA Tier II ITD27201AB 13027200 Grade level: 9 HS Credit(s): 1 College Hour(s): 3 Tier I
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and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) <b>DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB)</b> <b>TCC Course: (COSC 1301) Introduction to Computing +</b> "Course offerings may vary each year due to availability Students will gain an overview of computer systems-hardware, operating systems, the Internet, and application software including word processing, spreadsheets, presentation graphics, and databases. Current topics such as the effect of computers on society, and the history and use of computers in business, educational, and other nterdisciplinary settings are also studied. This course is not intended to count toward a student's major field of study in business or computer science. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): None Course taught by a TCC-approved adjunct instructor Offered at: Diamond Hill Jarvis (P-TECH), Eastern Hills (P-TECH), South Hills (P-TECH), South Hills (P-TECH), and TCC South Collegiate HS (P-TECH) <b>DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB)</b> <b>TCC (ITNW 1309) Fundamentals of Cloud Computing</b> "Course offerings may vary each year due to availability	College Hour(s): NA Tier II ITD27201AB 13027200 Grade level: 9 HS Credit(s): 1 College Hour(s): 3 Tier I TAD2151AB
and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB) TCC Course: (COSC 1301) Introduction to Computing + "Course offerings may vary each year due to availability Students will gain an overview of computer systems-hardware, operating systems, the Internet, and application software including word processing, spreadsheets, presentation graphics, and databases. Current topics such as the effect of computers on society, and the history and use of computers in business, educational, and other nterdisciplinary settings are also studied. This course is not intended to count toward a student's major field of study in business or computer science. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. EWISD Prerequisite(s): None Course taught by a TCC-approved adjunct instructor Offered at: Diamond Hill Jarvis (P-TECH), Eastern Hills (P-TECH), South Hills (P-TECH), South Hills (P-TECH), and TCC South Collegiate HS (P-TECH) DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB) TCC (ITNW 1309) Fundamentals of Cloud Computing "Course offerings may vary each year due to availability Students will be introduced to personal computer operating systems including installation, configuration, file management, memory and storage management, control of peripheral devices, and use of utilities.	College Hour(s): NA Tier II ITD27201AB 13027200 Grade level: 9 HS Credit(s): 1 College Hour(s): 3 Tier I TAD2151AB 03580200 Grade level: 9
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and industry environment. See the Unpaid Practicum in STEM course description in the Career & Technical Education, STEM section of this document. Instructional Material: Contact Career and Technical Education for related materials Prerequisite(s): Previous P-TECH Software Development, IT and User Experience coursework Offered at: South Hills (P-TECH) DUAL CREDIT PRINCIPLES OF INFORMATION TECHNOLOGY AB (PRINIT DC AB) TCC Course: (COSC 1301) Introduction to Computing + "Course offerings may vary each year due to availability Students will gain an overview of computer systems-hardware, operating systems, the Internet, and application software including word processing, spreadsheets, presentation graphics, and databases. Current topics such as the effect of computers on society, and the history and use of computers in business, educational, and other nterdisciplinary settings are also studied. This course is not intended to count toward a student's major field of study in business or computer science. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. EWISD Prerequisite(s): None Course taught by a TCC-approved adjunct instructor Offered at: Diamond Hill Jarvis (P-TECH), Eastern Hills (P-TECH), South Hills (P-TECH), South Hills (P-TECH), and TCC South Collegiate HS (P-TECH) DUAL CREDIT COMPUTER SCIENCE I AB (TACS 1 DC AB) TCC (ITNW 1309) Fundamentals of Cloud Computing "Course offerings may vary each year due to availability Students will be introduced to personal computer operating systems including installation, configuration, file management, memory and storage management, control of peripheral devices, and use of utilities. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. EWISD Prerequisite(s): None Course adapt by a TCC-approved adjunct instructor Offered at: Diamond Hill Jarvis (P-TECH), Eastern Hills (P-TECH), South Hills (P-TECH), South Hills (P-TECH), and TCC South Collegiate HS	College Hour(s): NA Tier II ITD27201AB 13027200 Grade level: 9 HS Credit(s): 1 College Hour(s): 3 Tier I TAD2151AB 03580200 Grade level: 9 HS Credit(s): 1

DUAL CREDIT FUNDAMENTALS OF COMPUTER SCIENCE AB (TAFCS DC AB)	TAD2140AB
TCC Course: (CPMT 1403) Introduction to Computer Technology	
*Course offerings may vary each year due to availability	
Students will gain an understanding of current personal computer hardware including assembly, upgrading, setup, configuration, and troubleshooting.	03580140 Grade level: 10 - 12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	HS Credit(s): 1
<u>FWISD Prerequisite(s)</u> : None	College Hour(s): 4
<u>TCC Prerequisite(s)</u> : None	Tier I
Course taught by a TCC-approved adjunct instructor	
Offered at: Eastern Hills (P-TECH) and South Hills (P-TECH)	
DUAL CREDIT COMPUTER SCIENCE II AB (TACS 2 DC AB)	TAD2153AB
TCC Course: (COSC 1436) Programming Fundamentals I	
*Course offerings may vary each year due to availability	
This course introduces the fundamental concepts of structured programming and provides a comprehensive	03580300
introduction to programming for computer science and technology majors. Topics include software development	Grade level: 10 - 12
methodology, data types, control structures, functions, arrays, and the mechanics of running, testing, and	HS Credit(s): 1
debugging. This course assumes computer literacy. This course is included in the Field of Study Curriculum for	
Computer Science.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	College Hour(s): 4
FWISD Prerequisite(s): None	Tier I
TCC Prerequisite(s): COSC 1301	
Course taught by a TCC-approved adjunct instructor	
Offered at: South Hills (P-TECH)	
DUAL CREDIT WEB COMMUNICATIONS T (TAWEBCM T DC)	ITD80810T
TCC Course: (ITSE 1411) Beginning Web Programming	
*Course offerings may vary each year due to availability	02500010
Students will develop skills in web page programming including mark-up and scripting languages.	03580810
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	Grade level: 10 - 12
<u>FWISD Prerequisite(s)</u> : None	HS Credit(s): 0.5
<u>TCC Prerequisite(s)</u> : COSC 1301	College Hour(s): 4
Course taught by a TCC approved adjunct instructor	Tier I
Course taught by a TCC-approved adjunct instructor Offered at: South Hills (P-TECH)	
	TAD80390AB
Offered at: South Hills (P-TECH) DUAL CREDIT MOBILE APPLICATION DEVELOPMENT AB (TAMBAD AB DC)	
Offered at: South Hills (P-TECH)	
Offered at: South Hills (P-TECH) DUAL CREDIT MOBILE APPLICATION DEVELOPMENT AB (TAMBAD AB DC) TCC Course: (ITSE 1333) Mobile Application Development *Course offerings may vary each year due to availability	
Offered at: South Hills (P-TECH) DUAL CREDIT MOBILE APPLICATION DEVELOPMENT AB (TAMBAD AB DC) TCC Course: (ITSE 1333) Mobile Application Development	TAD80390AB
Offered at: South Hills (P-TECH) DUAL CREDIT MOBILE APPLICATION DEVELOPMENT AB (TAMBAD AB DC) TCC Course: (ITSE 1333) Mobile Application Development *Course offerings may vary each year due to availability Students will gain an overview of different mobile platforms and their development environments. Design, write, and test small interactive programs for mobile platforms using current development software products. Major	<b>TAD80390AB</b> 03580390
Offered at: South Hills (P-TECH) DUAL CREDIT MOBILE APPLICATION DEVELOPMENT AB (TAMBAD AB DC) TCC Course: (ITSE 1333) Mobile Application Development *Course offerings may vary each year due to availability Students will gain an overview of different mobile platforms and their development environments. Design, write, and test small interactive programs for mobile platforms using current development software products. Major topics are discussion of the design process, develop applications and publish applications.	<b>TAD80390AB</b> 03580390 Grade level: 10 - 12 HS Credit(s): 1
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Differed at: South Hills (P-TECH) DUAL CREDIT MOBILE APPLICATION DEVELOPMENT AB (TAMBAD AB DC) TCC Course: (ITSE 1333) Mobile Application Development "Course offerings may vary each year due to availability Students will gain an overview of different mobile platforms and their development environments. Design, write, and test small interactive programs for mobile platforms using current development software products. Major topics are discussion of the design process, develop applications and publish applications. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. WISD Prerequisite(s): None ICC Crerequisite(s): COSC 1436 Course taught by a TCC-approved adjunct instructor Offered at: South Hills (P-TECH) DUAL CREDIT FOUNDATIONS OF CYBERSECURITY AB (FODCYBER DC AB) TCC Course: (ITSY 1300) Fundamentals of Information Security "Course offerings may vary each year due to availability Students will be introduced to information security including vocabulary and terminology, ethics, the legal environment, and risk management. Identification of exposures and vulnerabilities and appropriate countermeasures are addressed. The importance of appropriate planning, policies and controls is also discussed. INSTUCE Prerequisite(s): None ICC Prerequisit	TAD80390AB         03580390         Grade level: 10 - 12         HS Credit(s): 1         College Hour(s): 4         Tier I         ITD27904AB         03580850         Grade level: 10-12         HS Credit(s): 1         College Hour(s): 3         Tier I         ITD27402AB         13027400         Grade level: 10 - 12         HS Credit(s): 1         College Hour(s): 3         Tier I
Offered at: South Hills (P-TECH) DUAL CREDIT MOBILE APPLICATION DEVELOPMENT AB (TAMBAD AB DC) TCC Course: (ITSE 1333) Mobile Application Development *Course offerings may vary each year due to availability Students will gain an overview of different mobile platforms and their development environments. Design, write, and test small interactive programs for mobile platforms and their development software products. Major topics are discussion of the design process, develop applications and publish applications. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): None TCC Prerequisite(s): COSC 1436 Course taught by a TCC-approved adjunct instructor Offered at: South Hills (P-TECH) DUAL CREDIT FOUNDATIONS OF CYBERSECURITY AB (FODCYBER DC AB) TCC Course: (ITSY 1300) Fundamentals of Information Security *Course offerings may vary each year due to availability Students will be introduced to information security including vocabulary and terminology, ethics, the legal environment, and risk management. Identification of exposures and vulnerabilities and appropriate countermeasures are addressed. The importance of appropriate planning, policies and controls is also discussed. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): None CCC Prerequisite(s): None CCC approved adjunct instructor Offered at: South Hills (P-TECH) DUAL CREDIT NETWORKING AB (NTWRK DC AB) TCC Course: (ITNW 1425) Fundamentals of Networking Technologies *Course offerings may vary each year due to availability Students will receive instruction in networking technologies and their implementation. Topics include the OSI reference model, network protocols, transmission media, and networking hardware and software. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): None CCC prerequisite(s): None CCC prere	TAD80390AB         03580390         Grade level: 10 - 12         HS Credit(s): 1         College Hour(s): 4         Tier I         ITD27904AB         03580850         Grade level: 10-12         HS Credit(s): 1         College Hour(s): 3         Tier I         ITD27402AB         13027400         Grade level: 10 - 12         HS Credit(s): 1
Offered at: South Hills (P-TECH) DUAL CREDIT MOBILE APPLICATION DEVELOPMENT AB (TAMBAD AB DC) TCC Course: (ITSE 1333) Mobile Application Development *Course offerings may vary each year due to availability Students will gain an overview of different mobile platforms and their development environments. Design, write, and test small interactive programs for mobile platforms using current development software products. Major topics are discussion of the design process, develop applications and publish applications. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials. FWISD Prerequisite(s): None TCC Prerequisite(s): COSC 1436 Course taught by a TCC-approved adjunct instructor Offered at: South Hills (P-TECH) DUAL CREDIT FOUNDATIONS OF CYBERSECURITY AB (FODCYBER DC AB) TCC Course: (ITSY 1300) Fundamentals of Information Security	TAD80390AB         03580390         Grade level: 10 - 12         HS Credit(s): 1         College Hour(s): 4         Tier I         ITD27904AB         03580850         Grade level: 10-12         HS Credit(s): 1         College Hour(s): 3         Tier I         ITD27402AB         13027400         Grade level: 10 - 12         HS Credit(s): 1         College Hour(s): 3         Tier I

DUAL CREDIT WEB DESIGN AB (TAWEBDN AB DC)	TAD7728AB
TCC Course: (ITSE 2302) Intermediate Web Programming	
*Course offerings may vary each year due to availability	
Students will develop skills in server-side and client-side techniques for Web development.	03580820
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	Grade level: 10 - 12
FWISD Prerequisite(s): None	HS Credit(s): 1
TCC Prerequisite(s): ITSE 1411	College Hour(s): 4
Course taught by a TCC-approved adjunct instructor	Tier I
Offered at: South Hills (P-TECH)	
DUAL CREDIT FUNDAMENTALS OF COMPUTER SCIENCE AB (TAFCS DC AB)	TAD2140AB
TCC Course: (CPMT 1403) Introduction to Computer Technology	
*Course offerings may vary each year due to availability	
Students will gain an understanding of current personal computer hardware including assembly, upgrading,	03580140
setup, configuration, and troubleshooting.	Grade level: 10 - 12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials.	HS Credit(s): 1
FWISD Prerequisite(s): None	College Hour(s): 4
TCC Prerequisite(s): None	Tier I
Course taught by a TCC-approved adjunct instructor	

Course taught by a TCC-approved adjunct instructor Offered at: Eastern Hills (P-TECH) and South Hills (P-TECH)

# **Business Administration & Management P-TECH**

Business & Industry Endorsement

# FOR THE GRADUATING CLASS OF 2026 and beyond

The Business Administration P-TECH Academy offers one (1) Career Focus.

Gr.		Year 1	-		Itidisciplinary Endorsen Year 2		Year 3	
Sem.	1 <sup>st</sup> 9 weeks	2 <sup>nd</sup> 9weeks	3 <sup>rd</sup> 9 weeks	4 <sup>th</sup> 9weeks	Fall	Spring	Fall	Spring
	English I	English I	English II	English II	English III	English III	English IV	English IV
		-	-	-	-	-		4 <sup>th</sup> year Math
	Algebra I World	Algebra I World	Geometry World	Geometry World	Algebra II	Algebra II	4 <sup>th</sup> year Math	4" year Matri
	Geography	Geography	History	History	*US History	* US History	Government	Economics
	Biology	Biology	Chemistry	Chemistry	Physics Or Environmental Systems	Physics Or Environmental Systems	4th Year Science or Environmental Systems	4th Year Science or Environmental Systems
High School	Spanish I or II PE ART	Spanish I or II PE ART	*Speech	Health				Honors Practicum in Business Management AB (BAH12202 AB) OR Career Prep AB (CP01300AB)
Ŧ		Dual Credit Business Information Management I AB (BAD11412AB) OR Dual Credit Advanced Marketing AB (MKD34700AB DC) OR Dual Credit Business Management AB (BAD12102AB)	Dual Credit Business Law AB (BAD11701 AB)				Dual Credit Accounting 1A (FND16612A)	Dual Credit Accounting 1B (FND16612B)
	KINE (PE) 1164	BCIS 1305	Huma 1301	BIOL 1408	*ENGL 1301	GOVT 2305	HIST 1302	ACCT 2302^
ge	ARTS 1301	MRKG 1311^	SPCH 1321	ECON 2301 ^	*MATH 1324	HIST 1301	GOVT 2306	BMGT 1341#
College	HUMA 1301#	BUSI 1301^	BUSI 2301^				ECON 2302^	BUSI 2305
0							ENGL 1302	ACNT 1313#
Hrs.	Up to 9	Up to 9	Up to 9	Up to 6	Up to 6	Up to 6	ACCT 2301^# Up to 15	Up to 12
1113.	Degree: AA Busines					00100	001015	001012
	College Level Certif							

## COURSE DESCRIPTIONS FOR BUSINESS ADMINSITRATION P-TECH

DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)	BAD11412AB
ICC COURSE: Business Computer Applications (BCIS 1305)	
Courses may change due to availability	10011100
Students will study computer terminology, hardware, and software related to the business environment. The	13011400
focus of this course is on business productivity software applications and professional behavior in computing,	
including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented	Grade level: 9 - 12
utilization of the Internet.	HS Credit(s): 1
Instructional Material: TCC Course: Business Computer Applications (BCIS 1305)	College Hour(s): 3
FWISD Prerequisite(s): None	Tier I
<u>TCC Prerequisite(s)</u> : TSI Offered only at: Marine Creek, Success HS, YWLA, and TCC South Collegiate HS (P-Tech)	
DUAL CREDIT ADVANCED MARKETING (ADVMKTG AB DC)	MKD34700AB
TCC COURSE: PRINCIPLES OF MARKETING (MRKG 1311)	
*Course offerings may vary each year due to availability	
In this course, students will gain an introduction to the marketing mix functions and processes. The course	13034700
topics include: identification of consumer and organizational needs and explanation of environmental issues.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related	Grade level: 11 - 12
materials.	HS Credit(s): 1
Prerequisite(s): Dual Credit Business Management	College Hour(s): 3
TCC Prerequisite(s): None	Tier I
Offered only at: Marine Creek, Success HS, YWLA, and TCC South Collegiate HS (P-Tech)	
DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC)	BAD12102AB
TCC COURSE: (BUSI 1301) Business Principles	
*Course offerings may vary each year due to availability	
This course provides a survey of economic systems, forms of business ownership, and considerations for running	13012100
a business. Students will learn various aspects of business, management, and leadership functions;	
organizational considerations; and decision-making process. Financial topics are introduced, including	Grade level: 9-12
accounting, money and banking, and securities markets. Also included are discussions of business challenges in	HS Credit(s): 1
the legal and regulatory environment, business ethics, social responsibility, and International business.	
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
Prerequisite(s): None	Tier I
TCC Prerequisite(s): None	
Offered only at: Success HS and YMLA	
DUAL CREDIT BUSINESS LAW (BUSLAW AB DC)	BAD11701AB
TCC COURSE: BUSINESS LAW (BUS 2301)	
*Course offerings may vary each year due to availability	
This course provides the student with foundational information about the U.S. legal system and dispute	13011700
resolution, and their impact on business. The major content areas will include general principles of law, the	15011700
relationship of business and the U.S. Constitution, state and federal legal systems, the relationship between law	Grade level: 9 - 12
and ethics, contracts, sales, torts, agency law, intellectual property, and business law in the global context.	HS Credit(s): 1
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): 3
Prerequisite(s): None	Tier I
Offered only at: TCC South Collegiate HS (P-Tech), Success HS, and Diamond Hill Jarvis (P-Tech)	
	FND16612A
DUAL CREDIT ACCOUNTING IA (ACCOUNT1 A DC)	FND10012A
TCC Course: Principles of Financial Accounting: (ACCT 2301)	
*Courses may change due to availability	
This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally	13016600
accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations.	
Students will examine the procedures and systems to accumulate, analyze, measure, and record financial	
transactions. Students will use recorded financial information to prepare a balance sheet, income statement,	
statement of cash flows, and statement of shareholders' equity to communicate the business entity's results of	
operations and financial position to users of financial information who are external to the company. Students will	
study the nature of assets, liabilities, and owners' equity while learning to use reported financial information for	Crada lavali 0 12
purposes of making decisions about the company. Students will be exposed to International Financial Reporting	Grade level: 9 - 12
Standards (IFRS).	HS Credit(s): 0.5
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 3
Prerequisite(s): None	Tier I
TCC Proroquisita(s): TSL compliant in Math	
<u>TCC Prerequisite(s)</u> : TSI compliant in Math	
<u>TCC Recommended Co-requisites</u> : MATH 1324	

DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC)	FND16612B
CC Course: Principles of Managerial Accounting: (ACCT 2302)	
Courses may change due to availability	
his course is an introduction to the fundamental concepts of managerial accounting appropriate for all	13016600
rganizations. Students will study information from the entity's accounting system relevant to decisions made by	Grade level: 11 - 12
nternal managers, as distinguished from information relevant to users who are external to the company. The	HS Credit(s): 0.5
mphasis is on the identification and assignment of product costs, operational budgeting and planning, cost	
ontrol, and management decision making. Topics include product costing methodologies, cost behavior,	
perational and capital budgeting, and performance evaluation.	
nstructional Material: TCC Course: Principles of Managerial Accounting (ACCT 2302)	College Hour(s): 3
<u>CC Prerequisite(s)</u> : ACCT-2301	Tier I
ourse taught by an approved adjunct instructor.	
Offered only at: Marine Creek, Success HS, and TCC South Collegiate HS (P-Tech)	

STEM Endorsement

#### FOR THE GRADUATING CLASS OF 2026 and Beyond

		The	YMLA PIECH AC	,				
			-	Men's Leade	-	•		
<u> </u>	oth c	irade		and Autom Grade		Grade	1 <b>2</b> th	Grade
Gr. Sem.	9 <sup>™</sup> G	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Jeni.	English I or II	English I or II	English II or III	English II or III	English III* or IV	English III or IV^	English IV or English Elective	English IV or English Elective
	Algebra I or Geometry	Algebra I or Geometry	Geometry or Algebra II	Geometry or Algebra II	College Algebra*	Pre-Calculus^	4 <sup>th</sup> Year Math	4 <sup>th</sup> Year Math
	AP or Honors Geography	AP or Honors Geography	AP or Honors World History	AP or Honors World History	US History	US History	Government*	Economics^
	Biology	Biology	Physics or Chemistry	Physics or Chemistry	Physics or AP or Honors Chemistry	Physics or AP or Honors Chemistry	4 <sup>th</sup> Year Science	4 <sup>th</sup> Year Science
loc	PE	PE	Health		CIM AB (STH37482AB)	CIM AB (STH37482AB)	Practicum in STEM AB (STH37405AB)	Practicum in STEM AB (STH37405AB)
High School	IED AB (STH07422AB)	IED AB (STH07422AB)	Engineering Science AB (STH37482AB)	Engineering Science AB (STH37482AB)	Digital Electronics AB* Double- Block (STD37443AB)	Programmable Logic Controller II AB* Double-Block (TBD: STD03690AB)	Basic Fluid Power AB* (MAD03683AB)	Robotics II AB* Double-Block (STD37003AB)
	Art Appreciation*	Speech*	Robotics I AB* (STD37002AB)	Solid State Electronics A* Double-Block (STD36902A)	No Articulation for CETT 1445* Double-Block	No Articulation for CETT 2435* Double-Block	No Articulation for RBTC 1447* Double-Block	No Articulation for ELMT 2337*
	Spanish I^	Spanish II^	AC/DC Electronics AB* Double-block (STD36802AB)	Solid State Electronics B* Double-Block (STD36902B)				
	ARTS 1301	SPCH 1321	RBTC 1351	RBTC 1401	CETT 1449	ELPT 2455	HYDR 1345	RBTC 2445
ege	^SPAN 1411	^SPAN 1412	CETT 1409	CETT 1441	CETT 1445	CETT 2435	RBTC 1447	ELMT 2337
College					ENGL 1301	^ENGL 1302	GOVT 2305	^ECON 2301
•					MATH 1314	^MATH 2412		
Hrs.	Up to 7	Up to 7	Up to 7	Up to 8	Up to 14	Up to 15	Up to 10	Up to 10

The YMLA PTECH Academy offers two (2) Career Focuses.

Degree: AAS Robotics and Automation: 60+ hours

College Level Certification: Mechatronics Technician, Level 1 Certification: 30 hours

Industry Certification(s): Certified SolidWorks Associate or Autodesk Inventor

TSI compliance or TSI waiver will determine if the course is taken as a Dual Credit course for TSI placement courses. Juniors and seniors that are not TSI met will take AP courses in lieu of a dual credit course.

\*Required Dual Credit course to meet Associate Degree requirements

^Optional Dual Credit course

Students who complete Principles of Applied Engineering, AC/DC Electronics, Solid State Electronics, and Digital Electronics will have met requirements for the Renewable Energy Program of Study for a STEM Endorsement. This is capped with a Practicum in STEM if the math and science requirements are met.

**Business and Industry Endorsement** 

### FOR THE GRADUATING CLASS OF 2026 and Beyond

			-	<b>Business</b> Cro	osswalk	·		
Gr.	9 <sup>th</sup> G	rade	10 <sup>th</sup> (	Grade		Grade	12 <sup>th</sup> Grade	
Sem.	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	English I or II	English I or II	English II or III	English II or III	English III* or IV OnRamps	English III or IV OnRamps*	English IV or English Elective	English IV or English Elective
	Algebra I or Geometry	Algebra I or Geometry	Geometry or Algebra II	Geometry or Algebra II	Algebra II or Pre-Calculus	Algebra II or Pre-Calculus	AP Calculus AB or BC	AP Calculus AB or BC
	AP or Honors Geography	AP or Honors Geography	AP or Honors World History	AP or Honors World History	US History*	US History*	Economics*	Economics*
	Biology	Biology	AP or Honors Chemistry	AP or Honors Chemistry	OnRamps Physics or Anat. & Phys.	OnRamps Physics or Anat. & Phys.	4 <sup>th</sup> Year Science*	4 <sup>th</sup> Year Science
High School	Art Appreciation*	Speech*	PE*	No Articulation for MATH 1324*	Special Topics in Social Studies: Texas Government T*	United States Government T*	Practicum in Business Management AB /Career Prep AB (BAH12202AB or CP01300AB)	Practicum in Business Management AB /Career Prep AB (BAH12202AB or CP01300AB)
High	Spanish I*	Spanish II*	Dual Credit Business Information Management I AB* (BAD11412AB)	Dual Credit Advanced Marketing AB^ (MKD34700AB)	Dual Credit Accounting I A* (FND16612A)	Dual Credit Accounting I B* (FND16612B)	No Articulation for BUSI 2305*	Business Law AB ^ (BAD11701AB)
		Dual Credit Business Management AB* (BAD12102AB)						
	ARTS 1301	SPCH 1321	KINE 1164	MATH 1324	ACCT 2301	ACCT 2302	BUSI 2305	^BUSI 2301
a	^SPAN 1411	^SPAN 1412	BCIS 1305	^MRKG 1311	ENGL 1301	ENGL 1302	ECON 2301	ECON 2302
College		BUSI 1301			HIST 1301	HIST 1302	BIOL 1406 or PHYS 1401 or GEOL 1401	
					GOVT 2306	GOVT 2305		
Hrs.	Up to 7	Up to 10	Up to 4	Up to 6	Up to 12	Up to 12	Up to 10	Up to 6

College Level Certification: Business Certification, Level 1: 24 hours

Industry Certification(s): Microsoft Office Specialist – Word or Microsoft Office Specialist – Excel

TSI compliance or TSI waiver will determine if the course is taken as a Dual Credit course for TSI placement courses. Juniors and seniors that are not TSI met will take AP courses in lieu of a dual credit course.

\*Required Dual Credit course to meet Associate Degree requirements

^Optional Dual Credit course

Business Level 2 certification additional courses: BMGT 1327, BMGT 1341 & BCIS 1305 + 6 hours of electives

Students who complete Business Information Management, Business Management, Business Law, and Practicum in Business

Management/Entrepreneurship will have met requirements for the Business Management Program of Study for a Business and Industry Endorsement.

# COURSE DESCRIPTIONS FOR PTECH AT YMLA

	<b>AB</b> 04000
CAREER PREPARATION I AB (CAREERP1 AB)	CP01300AB
his course is a paid capstone experience for students who have found employment for the school year. Career	12701121
reparation I provides opportunities for students to participate in a work-based learning experience that	Grade level: 11 - 12
ombines classroom instruction with paid business and industry employment experiences. It supports strong artnerships among school, business, and community stakeholders. The goal is to prepare students with a variety	HS Credit(s): 2
f skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills	
pplicable to their training station, job interview techniques, communication skills, financial and budget activities,	
uman relations, and portfolio development. Career preparation is relevant and rigorous, supports student	
attainment of academic standards, and effectively prepares students for college and career success. A student	
nust be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any	
paid learning experience course. In order to receive course credit, this course requires that students make a full	
ear commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and	
are employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten	
days of the beginning of the course. Work hours can be included during the school day or outside of school	
hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to	
work as long as work release does not jeopardize students' projected graduation plan.	<u> </u>
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): None	Tier III
Offered at: All high school campuses CAREER PREPARATION II AB (CAREERP2 AB)	CP01400AB
The Career Preparation II course is for those students who are taking a Career Preparation course for the second	12701122
ime and continue or have new employment during the duration of the course; working ten hours per week (or	Grade level: 12
average of 20 hours across two weeks). This course provides the same opportunities and requirements as the	HS Credit(s): 2
Career Preparation I course.	
nstructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): Career Preparation I AB	Tier III
Offered at: All high school campuses	
CAREER PREPARATION I/EXTENDED I AB (EXCAREE1 AB)	CP01302AB
This course is a paid capstone experience for students who have found employment for the school year. Career Preparation I/Extended provides opportunities for students to participate in a work-based learning experience	12701305 Grade level: 11-12
that combines classroom instruction with paid business and industry employment experiences. It supports strong	HS Credit(s): 3
partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety	115 Creat(5): 5
of skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills	
applicable to their training station, job interview techniques, communication skills, financial and budget activities,	
human relations, and portfolio development. Career preparation is relevant and rigorous, supports student	
attainment of academic standards, and effectively prepares students for college and career success. A student	
must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any	
paid learning experience course. In order to receive course credit, this course requires that students make a full	
year commitment to this course and their employment, are scheduled for 1 (one) class period of instruction, and	
are employed for <u>fifteen hours per week</u> (or average of 30 hours across two weeks) at an approved site within ten	
days of the beginning of the course. Work hours can be included during the school day or outside of school	
nours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan.	
Instructional Material: Contact Career and Technical Education Department for related materials	College Hour(s): NA
Prerequisite(s): None	Tier III
Offered at: All high school campuses	
CAREER PREPARATION II/EXTENDED (EXCAREE2 AB)	CP01402AB
The Career Preparation I/Extended course is for those students who are taking a Career Preparation course for	12701141
he second time and continue or have new employment during the duration of the course; working fifteen hours	Grade level: 12
per week (or average of 30 hours across two weeks). This course provides the same opportunities and	HS Credit(s): 3
requirements as the Career Preparation I/Extended course.	
requirements as the Career Preparation I/Extended course. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials	College Hour(s): NA
equirements as the Career Preparation I/Extended course. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Career Preparation I	College Hour(s): NA
equirements as the Career Preparation I/Extended course. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Career Preparation I <u>Offered at</u> : All high school campuses	Tier III
requirements as the Career Preparation I/Extended course. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Career Preparation I <u>Offered at: All high school campuses</u> HONORS UNPAID PRACTICUM IN STEM/d AB (PRACSTEM AB/H)	Tier III STH37402AB
requirements as the Career Preparation I/Extended course. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Career Preparation I <u>Offered at: All high school campuses</u> <b>HONORS UNPAID PRACTICUM IN STEM/d AB (PRACSTEM AB/H)</b> This practicum course is an unpaid capstone experience for students participating in a coherent sequence of	Tier III <b>STH37402AB</b> 13037400
requirements as the Career Preparation I/Extended course. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Career Preparation I <u>Offered at: All high school campuses</u> <b>HONORS UNPAID PRACTICUM IN STEM/d AB (PRACSTEM AB/H)</b> This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give	STH37402AB           13037400           Grade level: 12
requirements as the Career Preparation I/Extended course. <u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>Prerequisite(s)</u> : Career Preparation I Offered at: All high school campuses <b>HONORS UNPAID PRACTICUM IN STEM/d AB (PRACSTEM AB/H)</b> This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can	Tier III <b>STH37402AB</b> 13037400
requirements as the Career Preparation I/Extended course. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Career Preparation I Offered at: All high school campuses HONORS UNPAID PRACTICUM IN STEM/d AB (PRACSTEM AB/H) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. In addition, students in this	STH37402AB           13037400           Grade level: 12
equirements as the Career Preparation I/Extended course. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Career Preparation I Offered at: All high school campuses HONORS UNPAID PRACTICUM IN STEM/d AB (PRACSTEM AB/H) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give tudents supervised practical application of previously studied knowledge and skills. Practicum experiences can beccur in a variety of locations appropriate to the nature and level of experience. In addition, students in this nonors course will complete a project using the five phases of project management used in the business and	STH37402AB           13037400           Grade level: 12
requirements as the Career Preparation I/Extended course. Instructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Career Preparation I Offered at: All high school campuses HONORS UNPAID PRACTICUM IN STEM/d AB (PRACSTEM AB/H) This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can	STH37402AB           13037400           Grade level: 12
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will complete additional projects and activities related to the program of study.	
<u>Instructional Material:</u> Contact Career and Technical Education Director for related materials <u>Prerequisite(s):</u> Two credits from a combination of STEM courses <i>Offered only at</i> : <i>YMLA</i>	College Hour(s): NA <b>Tier II</b>
HONORS PAID PRACTICUM IN STEM/EXTENDED AB (EXPRSTEM1 AB/H)	STH37405AB
This practicum course is a paid capstone experience for students participating in a coherent sequence of career and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the practicum learning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13037405 Grade level: 12
Instructional Material: Contact Career and Technical Education Director for related materials	HS Credit(s): 3
Prerequisite(s): Two credits from a combination of STEM courses	College Hour(s): NA
Offered only at: YMLA HONORS PAID PRACTICUM IN STEM AB (PRACSTEM AB/H)	Tier II STH37409AB
This practicum course is a paid capstone experience for students participating in a coherent sequence of career	13037400
and technical education courses within their designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. A student must be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the practicum learning experiences. In order to receive course credit, this course requires that students make a full year commitment to this course and their employment, must have related classroom instruction that averages one class period per week during the school year, are employed for ten (10) hours per week (or average of 20 hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be included during the school day or outside of school hours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students' projected graduation plan. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	Grade level: 12 HS Credit(s): 2
<u>nstructional Material:</u> Contact Career and Technical Education Director for related materials P <u>rerequisite(s):</u> Two credits from a combination of STEM courses Offered only at: YMLA	College Hour(s): NA <b>Tier II</b>
HONORS UNPAID PRACTICUM IN BUSINESS MANAGEMENT AB (PRACBM AB/H)	BAH12202AB
This practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses within the designated program of study. This course is designed to give students supervised practical application of previously studied knowledge and skills. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Practicum capstone experiences can occur in a variety of locations appropriate to the nature and level of experiences include students working in a simulated environment, running an enterprise, or be involved in program-specific local projects the school has approved for this class. Additional capstone experiences also include students being selected to be a part of a work-based experience or industry training off-site, outside of school. Students will build a professional portfolio demonstrating skills in Business Management. In addition to the regular course curriculum, students in the honors course will complete additional projects and activities related to the program of study.	13012200 Grade level: 11-12
nstructional Material: Contact Career and Technical Education Department for related materials Prerequisite(s): Two credits from a combination of Business courses	HS Credit(s): 2 College Hour(s): NA <b>Tier II</b>
Offered at: YMLA	
HONORS INTRODUCTION TO ENGINEERING DESIGN AB (PLTW) (IED AB/H)	STH07422AB

analyzing potential solutions and communicating ideas to others. In addition to the regular course curriculum,	
students in the honors course will complete additional projects and activities related to the program of study.	
Instructional Material: Project Lead the Way materials furnished by CTE department <u>Prerequisite(s):</u> Engineering Essentials (PLTW)	College Hour(s): NA Tier II
Offered at: YMLA	
HONORS ENGINEERING SCIENCE (PLTW) AB (ENGSCIEN AB/H)	STH03742AB
This honors course helps students understand the field of engineering/engineering technology. Exploring various manufacturing processes help students learn how engineers and technicians use math, science and technology	13037500 Grade level: 10 – 11
in an engineering problem solving process to benefit people. The course also includes concerns about the social and political consequences of technological change. In addition to the regular course curriculum, students in the	HS Credit(s): 1
honors course will complete additional projects and activities related to the program of study.	
Instructional Material: Project Lead the Way materials furnished by CTE department	College Hour(s): NA
Prerequisite(s): Introduction to Engineering Design (PLTW)	Tier II
Offered at: YMLA	
HONORS COMPUTER INTEGRATED MANUFACTURING AB (PLTW) (CIM AB/H)	STH37482AB
This is a course of study in the PLTW program. Manufactured items are part of everyday life, yet most students	N1303748
have not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates	Grade level: 11 - 12
the opportunities related to understanding manufacturing. At the same time, it teaches students about	HS Credit(s): 1
manufacturing processes, product design, robotics, and automation. In addition to the regular course curriculum,	
students in the honors course will complete additional projects and activities related to the program of study.	
Instructional Material: Project Lead the Way materials furnished by CTE department	College Hour(s): NA
Prerequisite(s): Engineering Science (PLTW)	Tier II
Offered at: YMLA	
DUAL CREDIT ROBOTICS I AB (ROBOT 1AB DC)	STD37002AB
TCC Course: (RBTC 1351) Robotics Mechanisms	
*Course offerings may vary each year due to availability	
In this course, students learn the application of principles and the calculation of practical problems involving four	13037000
in this course, statents fearly the application of principles and the calculation of practical problems involving four	
	Grade level: 10-12
bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion concepts, velocities, and motions.	Grade level: 10-12 HS Credit(s): 1
bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion	
bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion concepts, velocities, and motions.	HS Credit(s): 1
bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion concepts, velocities, and motions. <u>Instructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials	HS Credit(s): 1 College Hour(s): 3
bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion concepts, velocities, and motions. <u>Instructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s):</u> None	HS Credit(s): 1 College Hour(s): 3
bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion concepts, velocities, and motions. <u>Instructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s):</u> None <u>TCC Prerequisite(s):</u> MATH 1332	HS Credit(s): 1 College Hour(s): 3
bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion concepts, velocities, and motions. <u>Instructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s):</u> None <u>TCC Prerequisite(s):</u> MATH 1332 <u>Offered only at: YMLA</u>	HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b>
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DUAL CREDIT DIGITAL ELECTRONICS AB (DIGELC DC AB)	STD37443AB
TCC Course: (CETT 1449) Digital Systems	
*Course offerings may vary each year due to availability	
In this course, students will learn about electronics covering digital systems. Emphasis on application and	13037600
troubleshooting digital systems using counters, registers, code converters, multiplexers, analog-to-digital to- analog circuits, and large-scale integrated circuits.	Grade level: 10-12 HS Credit(s): 1
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 4
Prerequisite(s): None	Tier I
<u>TCC Prerequisite(s):</u> TSI Met in Algebraic Math pathway	
Offered only at: YMLA	
DUAL CREDIT PROGRAMMABLE LOGIC CONTROLLER II AB (TBD: PROLGCNT2 AB DC)	TBD: STD03690AB
TCC Course: (ELPT 2445) Programmable Logic Control II	
*Course offerings may vary each year due to availability	
In this course, students will learn advanced concepts in programmable logic controllers and their applications and	N1303690
interfacing to industrial controls.	Grade level: 10-12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	HS Credit(s): 1
Prerequisite(s): None	College Hour(s): 4
<u>TCC Prerequisite(s):</u> None Offered only at: YMLA	Tier I
DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC)	MAD03683AB
TCC Course: (HYDR 1345) Hydraulics and Pneumatics	IVIADUSUOSAD
*Course offerings may vary each year due to availability	
In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and	N1303683
the operations, maintenance, and analysis of each system.	Grade level: 10-12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	HS Credit(s): 1
Prerequisite(s): None	College Hour(s): 3
T <u>CC Prerequisite(s):</u> None	Tier I
Offered only at: YMLA	
DUAL CREDIT ROBOTICS II AB (ROBOTIC 2AB DC)	STD37003AB
TCC Course: (RBTC 2445) Robot Application, Set-up, and Testing	
*Course offerings may vary each year due to availability	
In this course, students engage in a capstone course that provides the student with laboratory experience in the	13037050
installation, set-up, and testing of robotic cells. Topics include maintenance.	Grade level: 10-12
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	HS Credit(s): 1
Prerequisite(s): Robotics II	College Hour(s): 4
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T <u>CC Prerequisite(s):</u> None Offered only at: YMLA	Tier I
Offered only at: YMLA	-
Offered only at: YMLA DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC)	Tier I BAD12102AB
Offered only at: YMLA DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC) TCC COURSE: (BUSI 1301) Business Principles	-
Offered only at: YMLA DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC) TCC COURSE: (BUSI 1301) Business Principles *Course offerings may vary each year due to availability	BAD12102AB
Offered only at: YMLA <b>DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC)</b> <b>TCC COURSE: (BUSI 1301) Business Principles</b> *Course offerings may vary each year due to availability This course provides a survey of economic systems, forms of business ownership, and considerations for running	-
Offered only at: YMLA DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC) TCC COURSE: (BUSI 1301) Business Principles *Course offerings may vary each year due to availability	BAD12102AB
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Offered only at: YMLA DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC) TCC COURSE: (BUSI 1301) Business Principles *Course offerings may vary each year due to availability This course provides a survey of economic systems, forms of business ownership, and considerations for running a business. Students will learn various aspects of business, management, and leadership functions; organizational considerations; and decision-making process. Financial topics are introduced, including accounting, money and banking, and securities markets. Also included are discussions of business challenges in the legal and regulatory environment, business ethics, social responsibility, and International business. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None TCC Prerequisite(s): None	BAD12102AB 13012100 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3
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Offered only at: YMLA DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC) TCC COURSE: (BUSI 1301) Business Principles *Course offerings may vary each year due to availability This course provides a survey of economic systems, forms of business ownership, and considerations for running a business. Students will learn various aspects of business, management, and leadership functions; organizational considerations; and decision-making process. Financial topics are introduced, including accounting, money and banking, and securities markets. Also included are discussions of business challenges in the legal and regulatory environment, business ethics, social responsibility, and International business. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None ICC Prerequisite(s): None Offered only at: YMLA DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: Business Computer Applications (BCIS 1305) *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus	BAD12102AB 13012100 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3 Tier I BAD11412AB 13011400
Offered only at: YMLA DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC) TCC COURSE: (BUSI 1301) Business Principles *Course offerings may vary each year due to availability This course provides a survey of economic systems, forms of business ownership, and considerations for running a business. Students will learn various aspects of business, management, and leadership functions; organizational considerations; and decision-making process. Financial topics are introduced, including accounting, money and banking, and securities markets. Also included are discussions of business challenges in the legal and regulatory environment, business ethics, social responsibility, and International business. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None Offered only at: YMLA DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC) TCC COURSE: Business Computer Applications (BCIS 1305) *Courses may change due to availability Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including	BAD12102AB 13012100 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3 Tier I BAD11412AB
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Offered only at: YMLA         DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC)         TCC COURSE: (BUSI 1301) Business Principles         *Course offerings may vary each year due to availability         This course provides a survey of economic systems, forms of business ownership, and considerations for running a business. Students will learn various aspects of business, management, and leadership functions; organizational considerations; and decision-making process. Financial topics are introduced, including accounting, money and banking, and securities markets. Also included are discussions of business challenges in the legal and regulatory environment, business ethics, social responsibility, and International business.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None         ICC Prerequisite(s): None         Offered only at: YMLA         DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)         TCC COURSE: Business Computer Applications (BCIS 1305)         *Courses may change due to availability         Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of the Internet.	BAD12102AB 13012100 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3 Tier I BAD11412AB 13011400 Grade level: 9 - 12 HS Credit(s): 1
Offered only at: YMLA         DUAL CREDIT BUSINESS MANAGEMENT AB (BUSMGT AB DC)         TCC COURSE: (BUSI 1301) Business Principles         *Course offerings may vary each year due to availability         This course provides a survey of economic systems, forms of business ownership, and considerations for running a business. Students will learn various aspects of business, management, and leadership functions; organizational considerations; and decision-making process. Financial topics are introduced, including accounting, money and banking, and securities markets. Also included are discussions of business challenges in the legal and regulatory environment, business ethics, social responsibility, and International business.         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None         Offered only at: YMLA         DUAL CREDIT BUSINESS INFORMATION MANAGEMENT I AB (BUSIM1 AB DC)         TCC COURSE: Business Computer Applications (BCIS 1305)         *Courses may change due to availability         Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets databases, presentation graphics, and business-oriented utilization of	BAD12102AB 13012100 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3 Tier I BAD11412AB 13011400 Grade level: 9 - 12
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Prerequisite(s): None <u>ICC Prerequisite(s)</u> : None Offered only at: YMLA <b>DUAL CREDIT ACCOUNTING IA (ACCOUNT1 A DC)</b> <b>TCC Course: Principles of Financial Accounting: (ACCT 2301)</b> *Courses may change due to availability This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations. Students will examine the procedures and systems to accumulate, analyze, measure, and record financial transactions. Students will use recorded financial information to prepare a balance sheet, income statement, statement of cash flows, and statement of shareholders' equity to communicate the business entity's results of operations and financial position to users of financial information who are external to the company. Students will study the nature of assets, liabilities, and owners' equity while learning to use reported financial information for purposes of making decisions about the company. Students will be exposed to International Financial Reporting Standards (IFRS). Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): TSI compliant in Math ICC Prerequisite(s): TSI compliant in Math ICC Recommended Co-requisites: MATH 1324 Offered only at: YMLA <b>DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC)</b> <b>TCC Course: Principles of Managerial Accounting: (ACCT 2302)</b> *Courses may change due to availability	College Hour(s): 3 Tier I FND16612A 13016600 Grade level: 11 - 12 HS Credit(s): 0.5 College Hour(s): 3 Tier I FND16612B
Offered only at: YMLA         DUAL CREDIT ACCOUNTING IA (ACCOUNT1 A DC)         TCC Course: Principles of Financial Accounting: (ACCT 2301)         *Courses may change due to availability         This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations. Students will examine the procedures and systems to accumulate, analyze, measure, and record financial transactions. Students will use recorded financial information to prepare a balance sheet, income statement, statement of cash flows, and statement of shareholders' equity to communicate the business entity's results of operations and financial position to users of financial information who are external to the company. Students will study the nature of assets, liabilities, and owners' equity while learning to use reported financial information for purposes of making decisions about the company. Students will be exposed to International Financial Reporting Standards (IFRS).         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None         TCC Prerequisite(s): TSI compliant in Math         TCC Recommended Co-requisites: MATH 1324         Offered only at: YMLA         DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC)         TCC Course: Principles of Managerial Accounting: (ACCT 2302)	FND16612A 13016600 Grade level: 11 - 12 HS Credit(s): 0.5 College Hour(s): 3 Tier I FND16612B
DUAL CREDIT ACCOUNTING IA (ACCOUNT1 A DC)         TCC Course: Principles of Financial Accounting: (ACCT 2301)         *Courses may change due to availability         This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations. Students will examine the procedures and systems to accumulate, analyze, measure, and record financial transactions. Students will use recorded financial information to prepare a balance sheet, income statement, statement of cash flows, and statement of shareholders' equity to communicate the business entity's results of operations and financial position to users of financial information who are external to the company. Students will study the nature of assets, liabilities, and owners' equity while learning to use reported financial information for purposes of making decisions about the company. Students will be exposed to International Financial Reporting Standards (IFRS).         Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None         TCC Prerequisite(s): TSI compliant in Math         TCC Recommended Co-requisites: MATH 1324         Offered only at: YMLA         DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC)         TCC Rourse: Principles of Managerial Accounting: (ACCT 2302)	13016600 Grade level: 11 - 12 HS Credit(s): 0.5 College Hour(s): 3 <b>Tier I</b> FND16612B
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Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None TCC Prerequisite(s): TSI compliant in Math TCC Recommended Co-requisites: MATH 1324 Offered only at: YMLA DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) TCC Course: Principles of Managerial Accounting: (ACCT 2302)	Tier I FND16612B
Prerequisite(s): None <u>TCC Prerequisite(s)</u> : TSI compliant in Math <u>TCC Recommended Co-requisites</u> : MATH 1324 Offered only at: YMLA <b>DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC)</b> <b>TCC Course: Principles of Managerial Accounting: (ACCT 2302)</b>	Tier I FND16612B
DUAL CREDIT ACCOUNTING IB (ACCOUNT1B DC) TCC Course: Principles of Managerial Accounting: (ACCT 2302)	
TCC Course: Principles of Managerial Accounting: (ACCT 2302)	
	13016600
This course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by internal managers, as distinguished from information relevant to users who are external to the company. The emphasis is on the identification and assignment of product costs, operational budgeting and planning, cost control, and management decision making. Topics include product costing methodologies, cost behavior, operational and capital budgeting, and performance evaluation.	Grade level: 11 - 12 HS Credit(s): 0.5
<u>Instructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s)</u> : None <u>TCC Prerequisite(s)</u> : ACCT-2301	College Hour(s): 3 Tier I
Offered only at: YMLA	DAD44704AD
DUAL CREDIT BUSINESS LAW (BUSLAW AB DC) TCC COURSE: BUSINESS LAW (BUS 2301) *Course offerings may vary each year due to availability	BAD11701AB
This course provides the student with foundational information about the U.S. legal system and dispute	13011700
resolution, and their impact on business. The major content areas will include general principles of law, the relationship of business and the U.S. Constitution, state and federal legal systems, the relationship between law and ethics, contracts, sales, torts, agency law, intellectual property, and business law in the global context.	Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): 3
Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	Tier I
Prerequisite(s): None TCC Prerequisite(s): None Offered enly at: VMLA	
Offered only at: YMLA	
DUAL CREDIT BUSINESS INFORMATION MANAGEMENT II (BUSIM2 AB DC) ICC Course: Business Ethics: (BMGT 1341)	BADXXXXXAB
Courses may change due to availability	
bis course is a discussion of ethical issues, the development of a moral frame of reference, and the need for an	13016600
wareness of social responsibility in management practices and business activities. Includes ethical corporate esponsibility.	Grade level: 10 - 12 HS Credit(s): 1.0
nstructional Material: TCC Course: Principles of Managerial Accounting (ACCT 2302) <u>CC Prerequisite(s)</u> : ACCT-2302 Course taught by an approved adjunct instructor.	College Hour(s): 3.0 Tier I

Offered only at: YMLA and TCC South Collegiate HS (P-Tech)

I.M. Terrell Academy PTECH

STEM Endorsement

### FOR THE GRADUATING CLASS OF 2026 and Beyond

		The I	.M. Terrell PTECH	Academy offers	one (1) Career F	ocus.		
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Gr. Sem.	Fall	irade Spring	Fall	Grade Spring	Fall	Grade Spring	Fall	Grade Spring
Sem.	English I or II	English I or II	English II or III	English II or III	English III* or IV	English III or IV^	English IV or English Elective	English IV or English Elective
	Algebra I or Geometry	Algebra I or Geometry	Geometry or Algebra II	Geometry or Algebra II	College Algebra*	Pre-Calculus^	4 <sup>th</sup> Year Math	4 <sup>th</sup> Year Math
	Special Topics Adv. W. History	Special Topics Adv. W. History	World History	World History	US History	US History	Government*	Economics^
	IPC	IPC	OnRamps Physics or Chemistry	OnRamps Physics or Chemistry	AP Biology	AP Biology	4 <sup>th</sup> Year Science	4 <sup>th</sup> Year Science
High School	PE	PE	Health	Solid State Electronics A* (STD36902A)	Digital Electronics AB* (STD37443AB)	Programmable Logic Controller II AB* (TBD: STD03690AB)	Practicum in STEM AB (STH37405AB)	Practicum in STEM AB (STH37405AB)
High	Principles of Applied Engineering AB (STH36202AB)	Principles of Applied Engineering AB (STH36202AB)	Robotics I AB* (STD37002AB)	Solid State Electronics A* Double-Block (STD36902A)	Digital Electronics AB* Double-Block (STD37443AB)	Programmable Logic Controller II AB* Double-Block (TBD: STD03690AB)	Basic Fluid Power AB* (MAD03683AB)	Robotics II AB* (STD37003AB)
	Speech*	Art Appreciation*	AC/DC Electronics AB* (STD36802AB)	Solid State Electronics B* (STD36902B)	No Articulation for CETT 1445*	No Articulation for CETT 2435*	No Articulation for RBTC 1447*	Robotics II AB* Double-Block (STD37003AB)
	Spanish I^	Spanish II^	AC/DC Electronics AB* Double-block (STD36802AB)	Solid State Electronics B* Double-Block (STD36902B)	No Articulation for CETT 1445* Double-Block	No Articulation for CETT 2435* Double-Block	No Articulation for RBTC 1447* Double-Block	No Articulation for ELMT 2337*
۵ U	SPCH 1321	ARTS 1301	RBTC 1351	RBTC 1401	CETT 1449	ELPT 2455	HYDR 1345	RBTC 2445
DC College	^SPAN 1411	^SPAN 1412	CETT 1409	CETT 1441	CETT 1445	CETT 2435	RBTC 1447	ELMT 2337
ů					ENGL 1301	^ENGL 1302	GOVT 2305	^ECON 2301
ă					MATH 1314	^MATH 2412		
Hrs.	Up to 7	Up to 7	Up to 7	Up to 8	Up to 14	Up to 15	Up to 10	Up to 10

Degree: AAS Robotics and Automation: 60+ hours

**College Level Certification:** Mechatronics Technician, Level 1 Certification: 30 hours

TSI compliance or TSI waiver will determine if the course is taken as a Dual Credit course for TSI placement courses. Juniors and seniors that are not TSI met will take AP courses in lieu of a dual credit course.

\*Required Dual Credit course to meet Associate Degree requirements

^Optional Dual Credit course

Students who complete Principles of Applied Engineering, AC/DC Electronics, Solid State Electronics, and Digital Electronics will have met requirements for the Renewable Energy Program of Study for a STEM endorsement if the math and science requirements are met. This is capped with a Practicum in STEM.

# COURSE DESCRIPTIONS FOR PTECH AT I.M. TERRELL ACADEMY

CAREER PREPARATION I AB (CAREERP1 AB)	CP01300AB
his course is a paid capstone experience for students who have found employment for the school year. Career reparation I provides opportunities for students to participate in a work-based learning experience that ombines classroom instruction with paid business and industry employment experiences. It supports strong artnerships among school, business, and community stakeholders. The goal is to prepare students with a variety f skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills pplicable to their training station, job interview techniques, communication skills, financial and budget activities, uman relations, and portfolio development. Career preparation is relevant and rigorous, supports student tainment of academic standards, and effectively prepares students for college and career success. A student nust be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any aid learning experience course. In order to receive course credit, this course requires that students make a full ear commitment to this course and their employment, are scheduled for 1 (one) class period of instruction and re employed for ten hours per week (or average of 20 hours across two weeks) at an approved site within ten ays of the beginning of the course. Work hours can be included during the school day or outside of school	12701121 Grade level: 11 - 12 HS Credit(s): 2
ours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to	
vork as long as work release does not jeopardize students' projected graduation plan.	
<u>nstructional Material</u> : Contact Career and Technical Education Department for related materials <u>rerequisite(s)</u> : None Offered at: All high school campuses	College Hour(s): NA <b>Tier III</b>
AREER PREPARATION II AB (CAREERP2 AB)	CP01400AB
he Career Preparation II course is for those students who are taking a Career Preparation course for the second	12701122
me and continue or have new employment during the duration of the course; working <u>ten hours per week</u> (or verage of 20 hours across two weeks). This course provides the same opportunities and requirements as the areer Preparation I course.	Grade level: 12 HS Credit(s): 2
nstructional Material: Contact Career and Technical Education Department for related materials rerequisite(s): Career Preparation I AB Offered at: All high school campuses	College Hour(s): NA <b>Tier III</b>
CAREER PREPARATION I/EXTENDED I AB (EXCAREE1 AB)	CP01302AB
his course is a paid capstone experience for students who have found employment for the school year. Career reparation I/Extended provides opportunities for students to participate in a work-based learning experience hat combines classroom instruction with paid business and industry employment experiences. It supports strong artnerships among school, business, and community stakeholders. The goal is to prepare students with a variety f skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills pplicable to their training station, job interview techniques, communication skills, financial and budget activities, uman relations, and portfolio development. Career preparation is relevant and rigorous, supports student ttainment of academic standards, and effectively prepares students for college and career success. A student nust be a minimum age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any aid learning experience course. In order to receive course credit, this course requires that students make a full ear commitment to this course and their employment, are scheduled for 1 (one) class period of instruction, and re employed for <u>fifteen hours per week</u> (or average of 30 hours across two weeks) at an approved site within ten ays of the beginning of the course. Work hours can be included during the school day or outside of school ours. If work hours are during the school day, students can be scheduled for work release (noncredit) periods to <i>york</i> as long as work release does not jeopardize students' projected graduation plan.	12701305 Grade level: 11-12 HS Credit(s): 3
nstructional Material: Contact Career and Technical Education Department for related materials rereguisite(s): None	College Hour(s): NA <b>Tier III</b>
offered at: All high school campuses	
AREER PREPARATION II/EXTENDED (EXCAREE2 AB)	CP01402AB
he Career Preparation I/Extended course is for those students who are taking a Career Preparation course for he second time and continue or have new employment during the duration of the course; working fifteen hours er week (or average of 30 hours across two weeks). This course provides the same opportunities and equirements as the Career Preparation I/Extended course.	12701141 Grade level: 12 HS Credit(s): 3
<u>istructional Material</u> : Contact Career and Technical Education Department for related materials	College Hour(s): NA
r <u>erequisite(s)</u> : Career Preparation I Dffered at: All high school campuses	Tier III
IONORS UNPAID PRACTICUM IN STEM/d AB (PRACSTEM AB/H)	STH37402AB
his practicum course is an unpaid capstone experience for students participating in a coherent sequence of areer and technical education courses within their designated program of study. This course is designed to give tudents supervised practical application of previously studied knowledge and skills. Practicum experiences can ccur in a variety of locations appropriate to the nature and level of experience. In addition, students in this onors course will complete a project using the five phases of project management used in the business and ndustry environment. Practicum capstone experiences can occur in a variety of locations appropriate to the ature and level of experiences, or laboratories. The ature and level of experiences such as independent study, assistantships, mentorships, or laboratories. The arious in-class capstone experiences include students working in a simulated environment, running an	13037400 Grade level: 12 HS Credit(s): 2

capstone experiences also include students being selected to be a part of a work-based experience or industry	
training off-site, outside of school. In addition to the regular course curriculum, students in the honors course	
will complete additional projects and activities related to the program of study.	
Instructional Material: Contact Career and Technical Education Director for related materials	College Hour(s): NA
Prerequisite(s): Two credits from a combination of STEM courses	Tier II
Offered only at: I.M. Terrell	
HONORS PAID PRACTICUM IN STEM/EXTENDED AB (EXPRSTEM1 AB/H)	STH37405AB
This practicum course is a paid capstone experience for students participating in a coherent sequence of career	13037405
and technical education courses within their designated program of study. This course is designed to give	Grade level: 12
students supervised practical application of previously studied knowledge and skills. Practicum experiences can	
occur in a variety of locations appropriate to the nature and level of experience. A student must be a minimum	
age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the practicum	
learning experiences. In order to receive course credit, this course requires that students make a full year	
commitment to this course and their employment, must have related classroom instruction that averages one	
class period per week during the school year, are employed for <u>fifteen (15) hours per week</u> (or average of 30	
hours across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be	
included during the school day or outside of school hours. If work hours are during the school day, students can	
be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students'	
projected graduation plan. In addition to the regular course curriculum, students in the honors course will	
complete additional projects and activities related to the program of study.	
Instructional Material: Contact Career and Technical Education Director for related materials	HS Credit(s): 3
Prerequisite(s): Two credits from a combination of STEM courses	College Hour(s): NA
Offered only at: I.M. Terrell	Tier II
HONORS PAID PRACTICUM IN STEM AB (PRACSTEM AB/H)	STH37409AB
This practicum course is a paid capstone experience for students participating in a coherent sequence of career	13037400
and technical education courses within their designated program of study. This course is designed to give	Grade level: 12
students supervised practical application of previously studied knowledge and skills. Practicum experiences can	HS Credit(s): 2
occur in a variety of locations appropriate to the nature and level of experience. A student must be a minimum	
age of 16 and hold valid work documentation, such as a Social Security card, to enroll in any of the practicum	
learning experiences. In order to receive course credit, this course requires that students make a full year	
commitment to this course and their employment, must have related classroom instruction that averages one	
class period per week during the school year, are employed for ten (10) hours per week (or average of 20 hours	
across two weeks) at an approved site within ten days of the beginning of the course. Work hours can be	
included during the school day or outside of school hours. If work hours are during the school day, students can	
be scheduled for work release (noncredit) periods to work as long as work release does not jeopardize students'	
projected graduation plan. In addition to the regular course curriculum, students in the honors course will	
complete additional projects and activities related to the program of study.	
Instructional Material: Contact Career and Technical Education Director for related materials	College Hour(s): NA
Prerequisite(s): Two credits from a combination of STEM courses	Tier II
Offered only at: I.M. Terrell	CTU2 (202 A D
HONORS PRINCIPLES OF APPLIED ENGINEERING AB (PRAPPENG AB/H)	STH36202AB
Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering,	13036200
and mathematics and their interrelationships. Students will develop engineering communication skills, which	Grade level: 9
include computer graphics, modeling, and presentations, by using a variety of computer hardware and software	
applications to complete assignments and projects. Upon completing this course, students will understand the various fields of engineering and will be able to make informed career decisions. Further, students will have	
worked on a design team to develop a product or system. Students will use multiple software applications to	
prepare and present course assignments. In addition to the regular course curriculum, students in the honors	
course will complete additional projects and activities related to the program of study.	
Instructional Material: Principles of Applied Engineering, Texas Edition Reid, et al. 2017, Pearson Education	HS Credit(s): 1
Prerequisite(s): None	College Hour(s): NA
Offered only at: I.M. Terrell	Tier II
DUAL CREDIT ROBOTICS I AB (ROBOT 1AB DC)	STD37002AB
TCC Course: (RBTC 1351) Robotics Mechanisms	
TCC Course: (RBTC 1351) Robotics Mechanisms_ *Courses may change due to availability	
TCC Course: (RBTC 1351) Robotics Mechanisms_ *Courses may change due to availability In this course, students learn the application of principles and the calculation of practical problems involving four	13037000
<b>TCC Course: (RBTC 1351) Robotics Mechanisms</b> *Courses may change due to availability In this course, students learn the application of principles and the calculation of practical problems involving four bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion	13037000 Grade level: 10-12
<b>TCC Course: (RBTC 1351) Robotics Mechanisms</b> *Courses may change due to availability In this course, students learn the application of principles and the calculation of practical problems involving four bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion concepts, velocities, and motions.	13037000 Grade level: 10-12 HS Credit(s): 1
<b>TCC Course: (RBTC 1351) Robotics Mechanisms</b> *Courses may change due to availability         In this course, students learn the application of principles and the calculation of practical problems involving four bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion concepts, velocities, and motions.         Instructional Material:       Contact the Office of Innovation, Early College Programs Department for related materials	13037000 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3
*Course: (RBTC 1351) Robotics Mechanisms_ *Courses may change due to availability In this course, students learn the application of principles and the calculation of practical problems involving four bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion concepts, velocities, and motions. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None	13037000 Grade level: 10-12 HS Credit(s): 1
<b>TCC Course:</b> ( <b>RBTC 1351</b> ) <b>Robotics Mechanisms</b> *Courses may change due to availability         In this course, students learn the application of principles and the calculation of practical problems involving four bar linkages, cams, gears, and gear trains. Topics include vector quantities, angular displacement, motion concepts, velocities, and motions.         Instructional Material:       Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None         TCC Prerequisite(s):       MATH 1332         Offered only at: I.M. Terrell	13037000 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3

DUAL CREDIT AC/DC ELECTRONICS AB (ACDCELEC AB DC)	STD36802AB
	31D30002AD
CC Course: (CETT 1409) DC-AC Circuits Courses may change due to availability	
n this course, students learn the fundamentals of DC circuits and AC circuits operation including Ohm's law,	13036800
Circhhoff's laws, networks, transformers, resonance, phasors, capacitive and inductive and circuit analysis	Grade level: 10-12
echniques. Emphasis on circuit simulation using PSpice. Course includes soldering techniques, hand tools, circuit	HS Credit(s): 1
abrication techniques, troubleshooting techniques and circuit analysis using Mathcad.	ns credit(s). I
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 4
Prerequisite(s): None	Tier I
<u>TCC Prerequisite(s):</u> TSI Met in Algebraic Math pathway	
Offered only at: I.M. Terrell	
DUAL CREDIT SOLID STATE ELECTRONICS A (SOSTELEC A DC)	STD36902A
FCC Course: (RBTC 1401) Programmable Logic Controllers	31030902A
Courses may change due to availability	
n this course, students will learn about programmable logic controllers (PLC). Topics include processor units,	13036900
JSER numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and	Grade level: 10-12
programming. <u>nstructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials	HS Credit(s): 0.5
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None	College Hour(s): 4 <b>Tier I</b>
<u>'rerequisite(s):</u> None 'CC Prereguisite(s): None	
Offered only at: I.M. Terrell	CTD26002D
DUAL CREDIT SOLID STATE ELECTRONICS B (SOSTELEC B DC)	STD36902B
TCC Course: (CETT 1441) Solid State Circuits	
Courses may change due to availability	1000000
n this course, students study various semiconductor devices incorporated in circuits and their applications.	13036900
Emphasis on circuit construction, measurements, and analysis.	Grade level: 10-12
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	HS Credit(s): 0.5
Prerequisite(s): Solid State Electronics A	College Hour(s): 4
ICC Prerequisite(s): CETT 1409 and TSI Met in Algebraic Math pathway	Tier I
Offered only at: I.M. Terrell	
DUAL CREDIT DIGITAL ELECTRONICS AB (DIGELC DC AB)	STD37443AB
TCC Course: (CETT 1449) Digital Systems	
*Courses may change due to availability	
n this course, students will learn about electronics covering digital systems. Emphasis on application and	13037600
roubleshooting digital systems using counters, registers, code converters, multiplexers, analog-to-digital to-	Grade level: 10-12
analog circuits, and large-scale integrated circuits.	HS Credit(s): 1
nstructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	College Hour(s): 4
Prerequisite(s): None	Tier I
ICC Prerequisite(s): TSI Met in Algebraic Math pathway Offered only at: I.M. Terrell	
DUAL CREDIT PROGRAMMABLE LOGIC CONTROLLER II AB (TBD: PROLGCNT2 AB DC)	TBD: STD03690AB
ICC Course: (ELPT 2445) Programmable Logic Control II	
*Courses may change due to availability	
n this course, students will learn advanced concepts in programmable logic controllers and their applications and	N1303690
in this course, students will fear devanced concepts in programmable logic controllers and their applications and	111303090
nterfacing to industrial controls.	Grade level: 10-12
nterfacing to industrial controls.	
nterfacing to industrial controls. <u>nstructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials	Grade level: 10-12
nterfacing to industrial controls. <u>nstructional Material</u> : Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s)</u> : None	Grade level: 10-12 HS Credit(s): 1
nterfacing to industrial controls. <u>nstructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s):</u> None <u>CC Prerequisite(s):</u> None <u>Offered only at: I.M. Terrell</u>	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4
nterfacing to industrial controls. <u>nstructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s):</u> None <u>Offered only at: I.M. Terrell</u> <b>DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC)</b>	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b>
nterfacing to industrial controls. <u>nstructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s):</u> None <u>CC Prerequisite(s):</u> None <u>Offered only at: I.M. Terrell</u> DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC) ICC Course: (HYDR 1345) Hydraulics and Pneumatics	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b>
nterfacing to industrial controls. <u>nstructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s):</u> None <u>ICC Prerequisite(s):</u> None <u>Offered only at: I.M. Terrell</u> <b>DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC)</b> <b>ICC Course:</b> (HYDR 1345) Hydraulics and Pneumatics Courses may change due to availability	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b>
Interfacing to industrial controls. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None Offered only at: I.M. Terrell DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC) ICC Course: (HYDR 1345) Hydraulics and Pneumatics Courses may change due to availability In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 Tier I MAD03683AB
Interfacing to industrial controls. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None Offered only at: I.M. Terrell DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC) ICC Course: (HYDR 1345) Hydraulics and Pneumatics Courses may change due to availability In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and he operations, maintenance, and analysis of each system.	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 Tier I MAD03683AB
Interfacing to industrial controls. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None Offered only at: I.M. Terrell DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC) TCC Course: (HYDR 1345) Hydraulics and Pneumatics Courses may change due to availability In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and he operations, maintenance, and analysis of each system. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 Tier I MAD03683AB N1303683 Grade level: 10-12 HS Credit(s): 1
Interfacing to industrial controls. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None Offered only at: I.M. Terrell DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC) TCC Course: (HYDR 1345) Hydraulics and Pneumatics Courses may change due to availability In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and he operations, maintenance, and analysis of each system. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 Tier I MAD03683AB N1303683 Grade level: 10-12
Interfacing to industrial controls. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None CC Course: (HYDR 1345) Hydraulics and Pneumatics Courses: (HYDR 1345) Hydraulics and Pneumatics Courses may change due to availability In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and the operations, maintenance, and analysis of each system. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequi	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 Tier I MAD03683AB N1303683 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3 Tier I
Interfacing to industrial controls. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None Offered only at: I.M. Terrell DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC) TCC Course: (HYDR 1345) Hydraulics and Pneumatics Courses may change due to availability In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and he operations, maintenance, and analysis of each system. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None CC Prerequisite(s): None Offered only at: I.M. Terrell DUAL CREDIT ROBOTICS II AB (ROBOTIC 2AB DC)	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 Tier I MAD03683AB N1303683 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3
Interfacing to industrial controls. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None Offered only at: I.M. Terrell DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC) TCC Course: (HYDR 1345) Hydraulics and Pneumatics Courses may change due to availability In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and he operations, maintenance, and analysis of each system. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None CC Prerequisite(s): None CC Prerequisite(s): None CC Prerequisite(s): None Offered only at: I.M. Terrell DUAL CREDIT ROBOTICS II AB (ROBOTIC 2AB DC) TCC Course: (RBTC 2445) Robot Application, Set-up, and Testing	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 Tier I MAD03683AB N1303683 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3 Tier I
Interfacing to industrial controls. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None Offered only at: I.M. Terrell DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC) TCC Course: (HYDR 1345) Hydraulics and Pneumatics Courses may change due to availability In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and he operations, maintenance, and analysis of each system. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None CC Prerequisite(s): None CC Course: (RBTC 2445) Robot Application, Set-up, and Testing Courses may change due to availability	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 <b>Tier I</b> MAD03683AB N1303683 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3 <b>Tier I</b> STD37003AB
nterfacing to industrial controls. <u>nstructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s):</u> None <u>Offered only at: I.M. Terrell</u> <b>DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC)</b> <u>TCC Course: (HYDR 1345) Hydraulics and Pneumatics</u> <u>Courses may change due to availability</u> n this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and the operations, maintenance, and analysis of each system. <u>nstructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s):</u> None <u>Offered only at: I.M. Terrell</u> <u>DUAL CREDIT ROBOTICS II AB (ROBOTIC 2AB DC)</u> <u>TCC Course: (RBTC 2445) Robot Application, Set-up, and Testing</u> <u>Courses may change due to availability</u> n this course, students engage in a capstone course that provides the student with laboratory experience in the	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 Tier I MAD03683AB N1303683 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3 Tier I STD37003AB
Interfacing to industrial controls. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None Offered only at: I.M. Terrell DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC) TCC Course: (HYDR 1345) Hydraulics and Pneumatics Courses may change due to availability In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and the operations, maintenance, and analysis of each system. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Prerequisite(s): None CC Prerequisite(s): None CC Course: (RBTC 2445) Robot Application, Set-up, and Testing Courses may change due to availability In this course, students engage in a capstone course that provides the student with laboratory experience in the nstallation, set-up, and testing of robotic cells. Topics include maintenance.	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 Tier I MAD03683AB N1303683 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3 Tier I STD37003AB
Interfacing to industrial controls. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None Offered only at: I.M. Terrell DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC) ICC Course: (HYDR 1345) Hydraulics and Pneumatics Courses may change due to availability In this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and the operations, maintenance, and analysis of each system. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Prerequisite(s): None CC Course: (RBTC 2445) Robot Application, Set-up, and Testing Courses may change due to availability In this course, students engage in a capstone course that provides the student with laboratory experience in the nstallation, set-up, and testing of robotic cells. Topics include maintenance. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Courses may change due to availability In this course, students engage in a capstone course that provides the student with laboratory experience in the Installation, set-up, and testing of robotic cells. Topics include maintenance. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Intervented to availability In this course, students engage in a capstone course that provides the student with laboratory experience in the Installation, set-up, and testing of robotic cells. Topics include maintenance. Instructional Material: Contact the Office of Innovation, Early College Programs Department for related materials Intervented	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 Tier I MAD03683AB N1303683 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3 Tier I STD37003AB 13037050 Grade level: 10-12 HS Credit(s): 1
nterfacing to industrial controls. <u>nstructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s):</u> None <u>Offered only at: I.M. Terrell</u> <b>DUAL CREDIT BASIC FLUID POWER AB (BASICFP AB DC)</b> <u>TCC Course: (HYDR 1345) Hydraulics and Pneumatics</u> <u>Courses may change due to availability</u> n this course, students learn the fundamentals of hydraulics and pneumatics, components of each system, and the operations, maintenance, and analysis of each system. <u>nstructional Material:</u> Contact the Office of Innovation, Early College Programs Department for related materials <u>Prerequisite(s):</u> None <u>Offered only at: I.M. Terrell</u> <u>DUAL CREDIT ROBOTICS II AB (ROBOTIC 2AB DC)</u> <u>TCC Course: (RBTC 2445) Robot Application, Set-up, and Testing</u> <u>Courses may change due to availability</u>	Grade level: 10-12 HS Credit(s): 1 College Hour(s): 4 Tier I MAD03683AB N1303683 Grade level: 10-12 HS Credit(s): 1 College Hour(s): 3 Tier I STD37003AB

# **OTHER ELECTIVES**

# Other High School Electives & Late Arrival, Early Dismissal and Enrichment Codes

Additional electives can be found in the individual department sections.

See the Career & Technical Education (CTE) section for further information about CTE and Technology Applications elective courses that can be taken independently or as part of a Programs of Study pathway.

# Other Electives - Local Credit Only

OFFICE ASSISTANT I AB (OFFASST1 AB)	2525 AB
Course offers students experiences in correct procedures for handling office situations. Provides opportunity for students to learn and practice skills and procedures necessary for greeting visitors,	NA
answering the telephone, business, ethics, and filing. This course does not provide any credits that	Grade level: 11 - 12
count toward graduation.	HS Credit(s): 0
Instructional Material: NA	College Hour(s): NA
<u>Prerequisites:</u> None	Tier III
Local credit only	
STUDENT ASSISTANT SERVICES I AB (STUASST1 AB)	2535 AB
Provides one period per day when students work as teacher assistants. This course does not provide	NA
any credits that count toward graduation.	Grade level: 11 - 12
Instructional Material: NA	HS Credit(s): 0
<u>Prerequisites:</u> None	College Hour(s): NA
Local credit only	Tier III
ON COLLEGE CAMPUS AB	0530 AB
For students who are on a college campus during the school day. This course does not provide any	NA
credits that count toward graduation.	Grade level: 10 - 12
Instructional Material: NA	HS Credit(s): 0
<u>Prerequisites:</u> None	College Hour(s): NA
Local credit only	Tier III

# Late Arrival / Early Dismissal / Enrichment Codes

Completion of these courses **does not** earn state or local credit and they **are not** listed on the student's transcript.

# **Late Arrival Codes**

0531A	Late Arrival 1A		
0531B	Late Arrival 1B		
0531AB	Late Arrival 1AB		
0535A	Late Arrival 5A		
0535B	Late Arrival 5B		
0535AB	Late Arrival 5AB		
0536A	Late Arrival 6A		
0536B	Late Arrival 6B		
0536AB	Late Arrival 6AB		

# **High School Enrichment Codes**

0589A	HS Enrich A
0589B	HS Enrich B
0589AB	HS Enrich AB

# **Early Dismissal Codes**

0534A	Early Dismissal 4A
0534B	Early Dismissal 4B
0534AB	Early Dismissal 4AB
05355A	Early Dismissal 5A
05355B	Early Dismissal 5B
05355AB	Early Dismissal 5AB
0557A	Early Dismissal 7A
0557B	Early Dismissal 7B
0557AB	Early Dismissal 7AB
0558A	Early Dismissal 8A
0558B	Early Dismissal 8B
0558AB	Early Dismissal 8AB
0559A	Early Dismissal 9A
0559B	Early Dismissal 9B
0599AB	Early Dismissal 9AB
0560A	Early Dismissal 10A
0560B	Early Dismissal 10B
0560AB	Early Dismissal 10AB

# HEALTH & PHYSICAL EDUCATION

# **HEALTH / PHYSICAL EDUCATION GRADUATION REQUIREMENTS**

# ALL HS STUDENTS ARE REQUIRED to take ONE credit of Physical Education and 1/2 credit of Health Education

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All Foundation Plans (22 & 26 credits) Require			
Health Education (1/2 credit)	Physical Education (1 credit)		
• Health (.5 credit)	• Lifetime Fitness and Wellness Pursuits (1 credi		
Principles of Health Science <b>OR</b>	• Lifetime Recreation and Outdoor Pursuits (1 credit)		
• Honors Principles of Health Science (1 credit) part of Health Science program of study	• Skill-Based Lifetime Activities (1 credit)		
OR	Dual Credit PE (Early College HS) (1 credit)		
Dual Credit Health (Early College HS)			
<b>A Student</b> who is <b>unable</b> to comply with all require- ments of a physical education course because of a	PE Substitution Courses may be permitted in any of the following, earning up to one credit.		
<b>physical limitation</b> (as certified by a licensed medical practitioner) is not prohibited from earning a diploma.	<ul> <li>Drill Team</li> <li>Marching Band</li> </ul>		
Modifications will be provided as needed for students with special needs or disabilities.	Cheerleading		
	• JROTC		
	TEKS Based Courses that may be used to earn up to one PE credit.		
	Show Choir II		
	<ul> <li>Principles of Dance II</li> <li>Technical Theatre II</li> </ul>		
	Musical Theatre II		
	Colorguard		
	PE Substitution Courses may be permitted in any of the following, earning up to four credits.		
	Athletics / UIL Athletics		

• Approved private program (must be pre-approved by the Director of PE)

# Health and Physical Education

The Texas Education Code, (TEC) 38.101, requires the District to test the physical fitness of students enrolled in grades 3-12 in any course that satisfies the curriculum requirements for physical education on an annual basis. This includes all courses that qualify as Physical Education substitutions. Additionally, TEC 38.103 requires the District to provide the results of individual student performance on the physical fitness assessment to the Texas Education Agency. The annual fitness assessment requirement is coordinated by the FWISD Department of Health and Physical Education.

HEALTH I	5001 T
Provides students with the knowledge and skills to develop and sustain health-promoting behaviors. Students will	03810100
learn functional health information, analyze personal values and beliefs that support healthy behaviors, and develop	Grade level: 9 - 10
essential health skills necessary to adopt, practice, and maintain health-enhancing behaviors. Instruction also addresses the identified health-risk behaviors contributing to the leading causes of death in the US; unintentional injuries and violence, sexual behaviors, alcohol and other drug use, tobacco use, unhealthy dietary behaviors, and	HS Credit(s): 0.5
inadequate physical activity.	
Instructional Material: HealthSmart, ETR	College Hour(s): N/A
Prerequisites: None	Tier III
Health I is required of all students.	
HS HEALTH & PHYSICAL EDUCATION - Page   1	

	5003 T
This course will provide students opportunities for researching, discussing, and analyzing health issues. The	03810300
emphasis will be to provide students with the skills to access their own health information and services and become health literate. The work will be student-directed and project-based.	Grade level: 10 – 12 HS Credit(s): 0.5
Instructional Material: Contact Content Director	College Hour(s): N/A
Prerequisites:         Health I         Taught by Content-Director approved instructor.           LIFETIME FITNESS AND WELLNESS PURSUITS A         Fit of the second	Tier III 5052 A
The Lifetime Fitness and Wellness Pursuits (LFWP) course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students in LFWP will apply the knowledge, skills, and value for demonstrating mastery of the concepts needed to achieve lifetime wellness. Course A during the <b>Fall</b> semester includes topics such as: physiological and biomechanical principles to improve health-related fitness; interval, HIIT, and functional fitness; various fitness-related activities to support lifelong participation and value for personal health-related fitness.	PES00051 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): N/A <b>Tier III</b>
Instructional Material: Human Kinetics	
Prerequisites: None LIFETIME FITNESS AND WELLNESS PURSUITS B	5052 B
The Lifetime Fitness and Wellness Pursuits (LFWP) course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students in LFWP will apply the knowledge, skills, and value for demonstrating mastery of the concepts needed to achieve lifetime wellness. Course B during the <b>Spring</b> semester includes topics such as: various group fitness activities to support social and emotional health; personal fitness and health practice planning; and appropriate training and recovery practices to physical activity participation safety.	PES00051 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): N/A <b>Tier III</b>
Instructional Material: Human Kinetics	
Prerequisites: None LIFETIME RECREATION AND OUTDOOR PURSUITS A	5053 A
The Lifetime Recreation and Outdoor Pursuits (LROP) course Part A, during the <b>Fall</b> semester, provides opportunities for students to develop competency in 3 or more lifetime recreational and outdoor pursuits to include: adventure activities, backpacking, camping, hiking, and navigation sporting activities. Additionally, students enrolled in LROP will participate in activities that promote physical literacy while developing appreciation and respect for nature and enjoyment in the outdoors.	PES00053 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): N/A <b>Tier III</b>
Instructional Material: Contact Content Director	
Prerequisites: None	5052 B
LIFETIME RECREATION AND OUTDOOR PURSUITS B The Lifetime Recreation and Outdoor Pursuits (LROP) course Part B, during the <b>Spring</b> semester, provides opportunities for students to develop competency in 3 or more lifetime recreational and outdoor pursuits to include: water sports, angler education, archery, outdoor survival and safety, adventure activities, cycling, skating, and lawn games. Additionally, students enrolled in LROP will participate in activities that promote physical literacy while developing appreciation and respect for nature and enjoyment in the outdoors.	5053 B PES00053 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): N/A Tier III
Instructional Material: Contact Content Director	
Prerequisites: None	
<b>SKILL-BASED LIFETIME ACTIVITIES A</b> The Skill-Based Lifetime Activities (SBLA) course Part A, during the <b>Fall</b> semester, offers students the opportunity to demonstrate mastery in basic sport skills, sport knowledge, and health and fitness principles through non-traditional team and individual sports. Students will experience activities that promote physical literacy and lifetime wellness	5057 A PES00057 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): NA Tier III
fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games.	
fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games. Instructional Material: Contact Content Director	
while participating in in at least one activity from each of the following categories: target games; striking and fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games. Instructional Material: Contact Content Director Prerequisites: None SKILL-BASED LIFETIME ACTIVITIES B	5057 B
fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games. Instructional Material: Contact Content Director Prerequisites: None SKILL-BASED LIFETIME ACTIVITIES B The Skill-Based Lifetime Activities (SBLA) course Part B, during the Spring semester, offers students the opportunity to demonstrate mastery in basic sport skills, sport knowledge, and health and fitness principles through non- traditional team and individual sports. Students will experience activities that promote physical literacy and lifetime wellness while participating in in at least one activity from each of the following categories: target games; striking and fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games.	5057 B PES00057 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): N/A Tier III
fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games. Instructional Material; Contact Content Director Prerequisites: None SKILL-BASED LIFETIME ACTIVITIES B The Skill-Based Lifetime Activities (SBLA) course Part B, during the Spring semester, offers students the opportunity to demonstrate mastery in basic sport skills, sport knowledge, and health and fitness principles through non- traditional team and individual sports. Students will experience activities that promote physical literacy and lifetime wellness while participating in in at least one activity from each of the following categories: target games; striking and fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games. Instructional Material: Contact Content Director	PES00057 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): N/A
fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games. Instructional Material: Contact Content Director Prerequisites: None SKILL-BASED LIFETIME ACTIVITIES B The Skill-Based Lifetime Activities (SBLA) course Part B, during the Spring semester, offers students the opportunity to demonstrate mastery in basic sport skills, sport knowledge, and health and fitness principles through non- traditional team and individual sports. Students will experience activities that promote physical literacy and lifetime wellness while participating in in at least one activity from each of the following categories: target games; striking and fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games. Instructional Material: Contact Content Director Prerequisites: None	PES00057 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): N/A <b>Tier III</b>
fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games. Instructional Material: Contact Content Director Prerequisites: None SKILL-BASED LIFETIME ACTIVITIES B The Skill-Based Lifetime Activities (SBLA) course Part B, during the Spring semester, offers students the opportunity to demonstrate mastery in basic sport skills, sport knowledge, and health and fitness principles through non- traditional team and individual sports. Students will experience activities that promote physical literacy and lifetime wellness while participating in in at least one activity from each of the following categories: target games; striking and fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games.	PES00057 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): N/A <b>Tier III</b> <b>5193 T</b> N/A
fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games. Instructional Material: Contact Content Director Prerequisites: None SKILL-BASED LIFETIME ACTIVITIES B The Skill-Based Lifetime Activities (SBLA) course Part B, during the Spring semester, offers students the opportunity to demonstrate mastery in basic sport skills, sport knowledge, and health and fitness principles through non- traditional team and individual sports. Students will experience activities that promote physical literacy and lifetime wellness while participating in in at least one activity from each of the following categories: target games; striking and fielding games; fitness activities; rhythmic fitness; and innovative/non-traditional games. Instructional Material: Contact Content Director Prerequisites: None CARE AND PREVENTION OF SPORTS-RELATED INJURIES T	PES00057 Grade level: 9 - 12 HS Credit(s): 0.5 College Hour(s): N/A <b>Tier III</b> <b>5193 T</b>

DUAL CREDIT HEALTH EDUCATION T	5002 T
<b>TCC Course: Personal and Community Health (KINE 1304)</b> This course provides an introduction to the fundamentals, concepts, strategies, applications, and contemporary	03810100
trends related to understanding personal and/or community health issues. This course also focuses on empowering	Grade level: 9 - 12
various populations with the ability to practice healthy living, promote healthy lifestyles, and enhance individual	
well-being.	HS Credit(s): 0.5
·	College Hour(s): 3 hours
Instructional Material: NA	Tier I
FWISD Prerequisites: Taken in sequence	
TCC Prerequisites: None	
Course taught by an approved adjunct instructor. DUAL CREDIT LIFETIME FITNESS AND WELLNESS PURSUITS T	5058 T
TCC Course: Introduction to Physical Fitness and Wellness (KINE 1164)	PES00051
This course will provide an overview of the lifestyle necessary for fitness and health. Students will participate in	Grade level: 9 - 12
physical activities and assess their fitness status. Students will be introduced to proper nutrition, weight	HS Credit(s): 1.0
management, cardiovascular health, flexibility, and strength training. Includes:	College Hour(s): 1 hour
1. Scientific information concerning values and preventive medical benefits of exercise.	Tier I
<ol> <li>Individual (personal) evaluations and experiments to determine present health fitness status.</li> </ol>	
<ol> <li>Development of a personal exercise program based on student's needs.</li> </ol>	
Instructional Material: NA	
FWISD & TCC Prerequisites: None	
Course taught by and approved adjunct instructor.	
DUAL CREDIT LIFETIME FITNESS AND WELLNESS PURSUITS T	5070 T
TCC Course: Aerobic Fitness – Beginning (KINE 1102)	PES00051
Improves cardiovascular fitness, muscular endurance/strength, flexibility, and body composition. (Course is	Grade level: 9 – 12
coeducational)	HS Credit(s): 0.5
Instructional Material: NA	College Hour(s): 1 hour
FWISD Prerequisites: None	Tier I
T <u>CC Prereguisites:</u> None	
Course taught by and approved adjunct instructor.	
DUAL CREDIT LIFETIME FITNESS AND WELLNESS PURSUITS T	5041 T
TCC Course: Swimming – Beginning (KINE 1122)	PES00051
Develops good swimming technique, improves cardiovascular fitness level, and teaches water safety skills. (Course is	Grade level: 9 – 12
coeducational)	HS Credit(s): 0.5
Instructional Material: NA	College Hour(s): 1 hour
FWISD & TCC Prerequisites: None	Tier I
Course taught by an approved adjunct instructor.	
DUAL CREDIT LIFETIME RECREATION AND OUTDOOR PURSUITS T	5042 T
TCC Course: Recreational Sports – Beginning (KINE 1116)	PES00053
Develops and improves basic skills, strategies and rules of various recreational sports. (Course is coeducational).	Grade level: 9 – 12
Instructional Material: NA	HS Credit(s): 0.5
FWISD & TCC Prerequisites: None	College Hour(s): 1 hour
Course taught by an approved adjunct instructor.	Tier I
DUAL CREDIT LIFETIME RECREATION AND OUTDOOR PURSUITS T	5043 T
TCC Course: Golf – Beginning (KINE 1111)	PES00053
Develops and improves individual skills, and the understanding of the rules of golf. (Course is coeducational)	Grade level: 9 - 12
Instructional Material: NA	HS Credit(s): 0.5
FWISD & TCC Prerequisites: None	College Hour(s): 1 hour
Course taught by an approved adjunct instructor.	Tier I
DUAL CREDIT LIFETIME FITNESS AND WELLNESS PURSUITS T	5044 T
TCC Course: Yoga – Beginning (KINE 1134)	PES00051
Improves flexibility, muscular endurance/strength and mental well-being. (Course is coeducational)	Grade level: 9 - 12
Instructional Material: NA	HS Credit(s): 0.5
FWISD & TCC Prerequisites: None	College Hour(s): 1 hour
Course taught by an approved adjunct instructor.	Tier I
DUAL CREDIT LIFETIME RECREATION AND OUTDOOR PURSUITS T	5072 T
TCC Course: Bowling – Beginning (KINE 1104)	PES00053
Develops the basic skills necessary to enjoy the lifetime sport of bowling. (Course is coeducational)	Grade level: 9 - 12
Instructional Material: NA	HS Credit(s): 0.5
	HS Credit(s): 0.5 College Hour(s): 1 hour

DUAL CREDIT LIFETIME FITNESS AND WELLNESS PURSUITS T	5074 T
TCC Course: Kickboxing – Beginning (KINE 1113)	PES00051
Improves cardiovascular fitness, muscular endurance/strength, flexibility, and body composition. (Course is coeducational)	Grade level: 9 – 12 HS Credit(s): 0.5
Instructional Material: NA	College Hour(s): 1 hour
FWISD & TCC Prerequisites: None	Tier I
Course taught by an approved adjunct instructor.	
DUAL CREDIT LIFETIME RECREATION AND OUTDOOR PURSUITS	5042 T
TCC Course: Recreational Sports - Beginning (KINE 1116)	PES00053
Instruction and participation in physical and recreational activities. Develops and improves basic skills, strategies,	Grade level: 9 – 12
and rules of various recreational sports. (Course is coeducational)	HS Credit(s): 0.5
Instructional Material: NA	College Hour(s): 1 hour
FWISD & TCC Prerequisites: None	Tier I
Course taught by an approved adjunct instructor.	

# Fort Worth ISD Athletics State Elective or Local Credit Option

The State of Texas requires one year of physical education (PE) for graduation and allows up to four years/four credits of Physical Education/Athletics to count as state graduation credits. When an Athletics course is selected by the student, the student needs to be aware of the various options he/she has in how the credit will be used.

# When selecting courses, pay close attention to the course numbers selected. For the same named course, one set of course numbers are used to count the course as a <u>state credit</u> and another set of course numbers is used to have the course count as a <u>local credit</u>.

# Understanding the Results of the Options Selected:

- 1) **The first year taking an athletic course** will automatically count as a PE substitution unless the student has already satisfied or is currently taking another course that will count as a full credit PE substitution; such as JROTC, Drill Team, Cheerleading, or a Marching Band course coded as a PE substitution or a District-approved off-campus activity substitution.
- 2) When the one credit is already satisfied or the student is also currently scheduled/taking a qualified PE substitution course, the student has the option of choosing how he/she wants the additional athletic course to count. The student is to select the desired option at the time of creating the course schedule.
  - **Option 1 Athletic Course State Credit Option:** Athletics courses taken beyond the one course required for the PE substitution will count toward the number of course electives needed for graduation (up to 3 athletics elective credits may be used toward graduation and will be calculated into the student's GPA).
  - Option 2 Athletic Course Local Credit Option: When students are either scheduled for/or have completed taking a
    PE course/PE substitution, any athletics course beyond the requirement may be taken for local credit. The local credit
    course will not count toward the number of elective credits needed for graduation, and the grades earned as a local
    credit will not be calculated into the student's GPA. Students/Parents must sign a FWISD Athletics State Elective –
    Local Credit Option form one time to have the student's athletic courses count as local credits. See the school counselor
    for this form.

### As students develop their high school schedules, they need to be aware of the manner in which:

- athletic courses,
- physical education courses, and
- physical education substitution courses will:
   (1) <u>be credited toward their graduation requirements</u> and
   (2) <u>impact Grade Point Average.</u>

# **Physical Education Substitutions**

The substitution activities for <u>athletics and private or commercially-sponsored physical activity programs may be awarded up to four PE credits toward graduation</u>, one for the required physical education credit and three additional PE credits as state elective credits.

# ATHLETICS

NOTE: State law requires that any student who is taking a PE course, or class that substitutes for PE, participate in annual fitness testing.

PEIMS #	NO.	COURSE TITLE	SHORT TITLE
DECODOO	5401A	Competitive Athletics IA	ATHLETIC1A
PE300000	5401B	Competitive Athletics IB	ATHLETIC1B
DEC00001	5403A	Competitive Athletics IIA	ATHLETIC2A
PES00001	5403B	Competitive Athletics IIB	ATHLETIC2B
DECODOOD	5405A	Competitive Athletics IIIA	ATHLETIC3A
PE500002	5405B	Competitive Athletics IIIB	ATHLETIC3B
DECODOD	5407A	Competitive Athletics IVA	ATHLETIC4A
ATH4) (1/2 -1 Credit) PES00003		Competitive Athletics IVB	ATHLETIC4B
	PEIMS #           PES00000           PES00001           PES00002           PES00003	PES00000         5401A           PES00001         5403A           5403B         5403B           PES00002         5405A           5405B         5407A	PES00000     5401A     Competitive Athletics IA       5401B     Competitive Athletics IB       5403A     Competitive Athletics IIA       5403B     Competitive Athletics IIA       5403B     Competitive Athletics IIB       5403B     Competitive Athletics IIB       5405B     Competitive Athletics IIIB       5405B     Competitive Athletics IIIB       5405B     Competitive Athletics IIIB       5407A     Competitive Athletics IVA

**Prerequisite:** Student is required approval from head coach for placement into a specific sport course. In addition, student is required to complete the UIL Pre-Participation Evaluation – Medical History form and the UIL Pre-Participation Evaluation-Physical Examination form before participation in any practice before, during, or after school. Fort Worth ISD requires the completion of seven (7) Fort Worth ISD/UIL Pre-Participation forms before participating in athletic class. Forms must be complete before the tenth day of the new school year.

# Grade Placement: 9 - 12

# Credit: .5 – 4

Provides instruction and practice for members of competitive athletics teams. Athletics may be awarded up to four credits toward graduation, one for the required physical education credit and three additional credits as state electives.

# ATHLETIC SPORTS FOR STATE GRADUATION CREDIT

Student enrolling in the following athletic sports will receive state graduation credit which will be credited in the following way: one for PE substitution and three for elective credits, up to a total of four graduation credits. All of these courses will count in the calculation of the student's grade point average (GPA) as a Tier III course. These courses will also count as credit toward graduation requirements. Students may not change their schedules after the 10th day class period ends without a penalty.

FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
BBK12	Boys Basketball 1AB	GBK12	Girls Basketball 1AB
BBK22	Boys Basketball 2AB	GBK22	Girls Basketball 2AB
BBK32	Boys Basketball 3AB	GBK32	Girls Basketball 3AB
BBK42	Boys Basketball 4AB	GBK42	Girls Basketball 4AB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
BSC12	Boys Soccer 1AB	GSC12	Girls Soccer 1AB
BSC22	Boys Soccer 2AB	GSC22	Girls Soccer 2AB
BSC32	Boys Soccer 3AB	GSC32	Girls Soccer 3AB
BSC42	Boys Soccer 4AB	GSC42	Girls Soccer 4AB

FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
BTS12	Boys Tennis 1AB	GTS12	Girls Tennis 1AB
BTS22	Boys Tennis 2AB	GTS22	Girls Tennis 2AB
BTS32	Boys Tennis 3AB	GTS32	Girls Tennis 3AB
BTS42	Boys Tennis 4AB	GTS42	Girls Tennis 4AB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
BTK12	Boys Track 1AB	GTK12	Girls Track 1AB
BTK22	Boys Track 2AB	GTK22	Girls Track 2AB
BTK32	Boys Track 3AB	GTK32	Girls Track 3AB
BTK42	Boys Track 4AB	GTK42	Girls Track 4AB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
BW12	Boys Wrestling IA	GW12	Girls Wrestling IA
BW22	Boys Wrestling IB	GW22	Girls Wrestling IB
BW32	Boys Wrestling IIA	GW32	Girls Wrestling IIA
BW42	Boys Wrestling IIB	GW42	Girls Wrestling IIB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
BB12	Baseball 1AB	CC12	Cross Country 1AB
BB22	Baseball 2AB	CC22	Cross Country 2AB
BB32	Baseball 3AB	CC32	Cross Country 3AB
BB42	Baseball 4AB	CC42	Cross Country 4AB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
FB12	Football 1AB	GF12	Golf 1AB
FB22	Football 2AB	GF22	Golf 2AB
FB32	Football 3AB	GF32	Golf 3AB
FB42	Football 4AB	GF42	Golf 4AB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
SB12	Softball 1AB	SM12	Swimming 1AB
SB22	Softball 2AB	SM22	Swimming 2AB
SB32	Softball 3AB	SM32	Swimming 3AB
SB42	Softball 4AB	SM42	Swimming 4AB
FWISD NO.	TEAM SPORT		1
VB12	Volleyball 1AB		
VB22	Volleyball 2AB		
VB32	Volleyball 3AB		
VB42	Volleyball 4AB		

### ATHLETICS FOR LOCAL CREDIT

Before a student may qualify to enroll in any athletics course for local credit, he/she must have completed the required PE credit or the PE substitution credit, or also be enrolled in such a qualifying course. <u>Parental approval is required</u> using the FWISD Athletics State Elective – Local Credit Option form for any student to opt out of an athletics state elective credit course to take an athletics course for local credit only. Students may not change their schedules after the 10-day class period ends without a penalty.

The following athletics course numbers are to be used when an athletic course is being used as a LOCAL only credit course. As a local credit, these courses will not count toward graduation and they will not count in the calculation of the student's grade point average (GPA).

Course Coding	PEIMS #	Course Titles		
Local Course Athletics 1 (LCATH1) (1/2 -1 Credit)	84200027	5399A— Local Course Competitive Athletics IA (LC ATHLETICS 1A) 5399B— Local Course Competitive Athletics IB (LC ATHLETICS 1B)		
Local Course Athletics 2 (LCATH2) (1/2 -1 Credit)	84200028	5402A— Local Course Competitive Athletics IIA (LC ATHLETICS 2A)		
	04200028	5402B— Local Course Competitive Athletics IIB (LC ATHLETICS 2B)		
Local Course Athletics 3 (LCATH3) (1/2 -1 Credit)	84200029	5404A— Local Course Competitive Athletics IIIA (LC ATHLETICS 3A)		
	04200029	5404B— Local Course Competitive Athletics IIIB (LC ATHLETICS 3B)		
Local Course Athletics 4 (LCATH4) (1/2 -1 Credit)		5406A— Local Course Competitive Athletics IVA (LC ATHLETICS 4A)		
	84200030	5406B— Local Course Competitive Athletics IVB (LC ATHLETICS 4B)		

#### Athletic Sports for Local Credit

**Prerequisite**: Student is required approval from head coach for placement into a specific sport course. In addition, student is required to complete the UIL Pre-Participation Evaluation – Medical History form and the UIL Pre-Participation Evaluation-Physical Examination form before participation in any practice before, during, or after school. Fort Worth ISD requires the completion of seven (7) Fort Worth ISD/UIL Pre-Participation forms before participating in athletic class. Forms must be complete before the tenth day of the new school year.

#### Grade Placement: 9 - 12

### Credit: .5 - 4

Provides instruction and practice for members of competitive athletics teams.

The following athletic course section has been created for students who do not want the athletic courses beyond the required PE course or PE substitution to count in their grade point average (GPA) calculations.

# Athletic Sports Course Numbers for Local Credit Only

Students enrolling in the following athletic sports courses that are identified with an L at the end of the FWISD number will receive local credit only for each course. These courses <u>will NOT</u> count in the calculation of the student's grade point average (GPA). These local course credits <u>will NOT</u> count toward graduation credit and <u>will not</u> count for the PE substitution requirement for graduation.

FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
BBK12L	Boys Basketball 1AB	GBK12L	Girls Basketball 1AB
BBK22L	Boys Basketball 2AB	GBK22L	Girls Basketball 2AB
BBK32L	Boys Basketball 3AB	GBK32L	Girls Basketball 3AB
BBK42L	Boys Basketball 4AB	GBK42L	Girls Basketball 4AB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
BSC12L	Boys Soccer 1AB	GSC12L	Girls Soccer 1AB
BSC22L	Boys Soccer 2AB	GSC22L	Girls Soccer 2AB
BSC32L	Boys Soccer 2AB	GSC32L	Girls Soccer 3AB
BSC42L	Boys Soccer 4AB	GSC42L	Girls Soccer 4AB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
BTS12L	Boys Tennis 1AB	GTS12L	Girls Tennis 1AB
BTS22L	Boys Tennis 2AB	GTS22L	Girls Tennis 2AB
BTS32L	Boys Tennis 3AB	GTS32L	Girls Tennis 3AB
BTS42L	Boys Tennis 4AB	GTS42L	Girls Tennis 4AB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
BTK12L	Boys Track 1AB	GTK12L	Girls Track 1AB
BTK22L	Boys Track 2AB	GTK12L	Girls Track 2AB
BTK32L	Boys Track 3AB	GTK32L	Girls Track 3AB
BTK42L	Boys Track 4AB	GTK42L	Girls Track 4AB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
BW12L	Boys Wrestling IA	GW12L	Girls Wrestling IA
BW22L	Boys Wrestling IB	GW22L	Girls Wrestling IB
BW32L	Boys Wrestling IIA	GW32L	Girls Wrestling IIA
BW42L	Boys Wrestling IIB	GW42L	Girls Wrestling IIB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
BB12L	Baseball 1AB	CC12L	Cross Country 1AB
BB22L	Baseball 2AB	CC22L	Cross Country 2AB
BB32L	Baseball 3AB	CC32L	Cross Country 3AB
BB42L	Baseball 4AB	CC42L	Cross Country 4AB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
FB12L	Football 1AB	GF12L	Golf 1AB
FB22L	Football 2AB	GF22L	Golf 2AB
		-	
FB32L	Football 3AB	GF32L	Golf 3AB
FB42L	Football 4AB	GF42L	Golf 4AB
FWISD NO.	TEAM SPORT	FWISD NO.	TEAM SPORT
SB12L	Softball 1AB	SM12L	Swimming 1AB
SB22L	Softball 2AB	SM22L	Swimming 2AB
SB32L	Softball 3AB	SM32L	Swimming 3AB
SB42L	Softball 4AB	SM42L	Swimming 4AB
FWISD NO.	TEAM SPORT		
VB12L	Volleyball 1AB		
VB22L	Volleyball 2AB		
VB32L	Volleyball 3AB		
VB42L	Volleyball 4AB		

# **Physical Education Substitution Activities**

The following substitution activities of <u>drill team</u>, <u>cheerleading</u>, <u>marching band</u>, <u>and JROTC may be awarded one PE substitution credit</u> <u>toward graduation</u> that may satisfy the physical education credit requirement. See substitution charts on the following pages.

# MARCHING BAND SUBSTITUTION

NOTE: State law requires that any student who is taking a PE course, or class that substitutes for PE, participate in annual fitness testing.

The following PE substitution codes are available.		PE Substitution Marching Band (SUBMB)
1372A PE Substitution Marching Band Activity (SUBMB1)		PEIMS #PES00012 provides ½ credit per
1376A PE Substitution Marching Band (SUBMB2)		semester, up to a total of 1 credit.
		Fall semesters only

Marching Band may be substituted for <sup>1</sup>/<sub>2</sub> credit to 1 credit of physical education. PE substitutions for these courses will not receive a weighted course grade. Only the FINE ARTS Honors Marching Band course numbers/PEIMS numbers will qualify for weighted course grade.

### DRILL TEAM SUBSTITUTION

NOTE: State law requires that any student who is taking a PE course, or class that substitutes for PE, participate in annual fitness testing.

Course Codes			LOCAL CREDIT ONLY COURSES		
The 1/2 - 1 Drill Team credit to count as a PE			All of the Drill Team course numbers provided directly		
substitution	is to be coded as follows:		below are t	to be used for Drill Tea	n credits that go beyond
			the total of	the 1 credit allowed for	or as a PE Drill Team
Course #	Title		substitutio	n. The following Drill 1	eam courses are LOCAL
			CREDIT ON	LY and WILL NOT cour	t toward graduation
			credit and	WILL NOT be calculated	l in a student's grade
E 200 A /P	PE Substitution Drill Team (SUBDT)		point avera	ige. Before a student m	ay qualify to enroll in
5389A/B PEIMS # PES00014			any Drill Team Local Credit Courses, he/she must have		
			completed	the required PE credit	or PE substitution credit
			or be enrolled in such a qualifying course.		
The above PE	E substitution Drill Team (SUBDT) course <b>WILL</b>		5391A	Drill Team IA	DRILLT1A
count as a s	tate graduation credit and WILL be calculated		5392B	Drill Team IB	DRILLT1B
into the stud	dent's grade point average as a 4.0 course.		5393A	Drill Team IIA	DRILLT2A
Both fall and	Both fall and spring semesters of Drill Team may now		5394B	Drill Team IIB	DRILLT2B
substitute for PE credit, provided students engage in 100			5395A	Drill Team IIIA	DRILLT3A
minutes of "moderate to vigorous activity" per five –day school			5396B	Drill Team IIIB	DRILLT3B
week.			5397A	Drill Team IVA	DRILLT4A
			5398B	Drill Team IVB	DRILLT4B

# Grade Placement: 9 - 12

Credit: .5 - 1 (PE substitution credit, additional credits count only as local credit.)

Includes training to enable members of the drill team to perform at football games, basketball games, and other school functions. One credit for PE substitution will be available. All Drill Team classes after the one credit PE substitution will only count as a local credit.

#### **CHEERLEADING SUBSTITUTION**

NOTE: State law requires that any student who is taking a PE course, or class that substitutes for PE, participate in annual fitness testing.

Course Cod	les	Course T	itles	
substitutio	eam Cheerleading credit to count as a PE n is to be coded as follows:	directly l	e Team Cheerleading co below are to be used for nat go beyond the total m Cheerleading substitu	Team Cheerleading of the 1 credit allowed as
Course #	Title		-	LOCAL CREDIT ONLY and
5433A/B	PE Substitution Cheerleading	be calcul a studen	ated in a student's grad	tion credit and WILL NOT le point average. Before n any Team Cheerleading st have completed the
	(SUBCHLDG)	required	PE credit or PE substitu	tion credit or be enrolled
	PEIMS # PES00013	in such a	qualifying course.	
	PE substitution Team Cheerleading (SUBCHLDG)	5435A	Cheerleading IA	CHEERLEA1A
	ed into the student's grade point average as a	5436B	Cheerleading IB	CHEERLEA1B
	Both fall and spring semesters of Team g may now substitute for PE credit, provided	5437A	Cheerleading IIA	CHEERLEA2A
5	gage in 100 minutes of "moderate to vigorous five –day school week.	5438B	Cheerleading IIB	CHEERLEA2B
activity per	fire any school week.	5439A	Cheerleading IIIA	CHEERLEA3A
		5440B	Cheerleading IIIB	CHEERLEA3B
		5441A	Cheerleading IVA	CHEERLEA4A
		5442B	Cheerleading IVB	CHEERLEA4B

# Prerequisite: Cheerleader Grade Placement: 9 – 12

One credit for PE substitution will be available. All Cheerleading classes after the one credit PE substitution will only count as a local credit. Local credit courses do not count toward graduation credits and are not calculated into GPA.

# JROTC SUBSTITUTION

**NOTE:** State law requires that any student who is taking a PE course, or class that substitutes for PE, participate in annual fitness testing. A student who successfully completes JROTC may receive a substitution of one semester of PE for each semester of JROTC completed, up to one credit. A student can receive credit for a separate PE class while receiving a JROTC elective credit (see JROTC course descriptions section).

If a student has completed or is enrolled in a separate course that provides for a PE substitution, the student qualifies to enroll in the JROTC1 course number 5949AB which results in ROTC1 on his/her transcript.

Course nur	Course number and coding to be used for JROTC to count as a PE substitution				
5951A/B         PE Substitution JROTCI (SUBJ1)         PEIMS # PES00004					
	Short title on transcript (SUBJ1) <sup>1</sup> / <sub>2</sub> credit per semester, up to a total of 1 credit				
Course nur	Course number and coding to be used for JROTC when another course is providing PE substitution credit				
5949A/B	5949A/B Junior Reserve Officer Training IA/B PEIMS # 03160100				
	Short title on transcript ROTC1A/B 1/2 credit per semester, up to 1 credit for ROTC1A/B				

# **OFF CAMPUS ACTIVITY SUBSTITUTION**

	approved PE off-campus programs, use the designat	-	·	
Course Number	Course Title	Short Title	Credit(s)	PEIMS #
5409 A/B	PE Substitution Non-District Program 1	SUBPRO1	.5 - 1	PES00008
5411 A/B	PE Substitution Non-District Program 2	SUBPRO2	.5 - 1	PES00009
5413 A/B	PE Substitution Non-District Program 3	SUBPRO3	.5 - 1	PES00010
5415 A/B	PE Substitution Non-District Program 4	SUBPRO4	.5 - 1	PES00011

### **OFF CAMPUS ACTIVITY SUBSTITUTION**

The Fort Worth ISD Physical Education Waiver Program provides an opportunity for students in grades 7-12 to receive credit for participation in an off-campus, athletic/training program. FWISD is authorized by the Texas Education Agency (TEA) to substitute participation in private or commercially sponsored programs for the FWISD middle school physical education requirement (7<sup>th</sup> and 8<sup>th</sup> grades) and the state-required high school physical education graduation credit. The FWISD Health and Physical Education Department must ensure the program, agency, and instructor meet the waiver criteria in order to approve all requests through the application process.

# DISTRICT-APPROVED OFF-CAMPUS ACTIVITIES

District-approved off-campus activities may also substitute for required physical education if specific criteria are met, listed in 19 Administrative Code Chapter 74, Subchapter F and EIF (LEGAL) and (LOCAL) policies.

- (iii) Appropriate private or commercially-sponsored physical activity programs conducted on or off campus. The district must apply to the commissioner of education for approval of such programs, which may be substituted for state graduation credit in physical education. Such approval may be granted under the following conditions:
- (I) Olympic-level participation and/or competition includes a minimum of 15 hours per week of highly intensive, professional, supervised training. The training facility, instructors, and the activities involved in the program must be certified by the superintendent to be of exceptional quality. Students qualifying and participating at this level may be dismissed from school one hour per day. Students dismissed may not miss any class other than physical education.
- (II) Private or commercially-sponsored physical activities include those certified by the superintendent to be of high quality and well supervised by appropriately trained instructors. Students participating in at least five hours per week is required. Students certified to participate at this level may not be dismissed from any part of the regular school day.

The purpose of this program is to accommodate students who are making a serious effort to develop high level capabilities and to allow them to be involved in an off-campus program that provides training exceeding that offered in the school district. The ability to offer this option is regulated by the Texas Education Agency.

All inquiries and applications for this option are to be directed to the Director of the FWISD Health and Physical Education Department. Applications must be submitted prior to Labor Day for the fall semester and by January 15 for the spring semester. A FWISD enrollment fee of \$25.00 will be assessed per semester unless a single payment of \$50.00 for both semesters is made at the beginning of the year. Fees are subject to change. The Director will notify the counselor and parent whether or not the requested off-campus activity has been approved as a physical education substitution. Attendance and grade reporting is made to the counselor every six weeks. The final grade for each semester will be included on the student's transcript and will count in the calculation of the student's grade point average.

# DISTRICT-APPROVED OFF-CAMPUS ACTIVITY SUBSTITUTION

All of these courses will be calculated into the student's grade point average (GPA) as Tier III courses.

The grade provided is to be a letter grade; the counselor will commute this to a numerical grade using the following letter grade conversion charts.

Letter/Numerical	Letter/Numerical	Letter/Numerical	Letter/Numerical
A+ = 99	B + = 89	C+ = 79	D = 70
A = 96	B = 86	C = 76	F = 65
A- = 92	B- = 82	C- = 72	

# **Additional PE Substitution Credits**

Beginning in 2014-2015, for students that are on the Foundation High School Program, the TAC <u>§74.12 (b)(6)(B)</u>, states that in accordance with local district policy, the required credit may be earned through completion of any TEKS-based course that meets the requirement for 100 minutes of moderate to vigorous physical activity per five-day school week and that is not being used to satisfy another specific graduation requirement.

# SHOW CHOIR II (VOCAL ENSEMBLE II) SUBSTITUTION

NOTE: State law requires that any student who is taking a PE course, or class that substitutes for PE, participate in annual fitness testing.

Course Codes	
The <sup>1</sup> / <sub>2</sub> - 1 Show Choir II cr	edit to count as a PE substitution is to be coded as follows:
Course #	Title
1444PE A/B	PE Substitution Show Choir II
	(SUBSHOWCH)
	PEIMS # PES00015
The above PE substitution Sh	now Choir II (SUBSHOWCH) course WILL count as a state graduation credit and
of Show Choir II may now su	<b>e student's grade point average as a 4.0 course.</b> Both fall and spring semesters ibstitute for PE credit, provided students engage in 100 minutes of "moderate to ay school week. Provides ½ credit per semester; up to a total of 1 credit.

# Prerequisite: Show Choir I (Vocal Ensemble I) Grade Placement: 9 – 12

# Credit: .5 - 1 (PE substitution credit)

Introduces students to different musical genres and performance styles that are not typically taught in a classical choral setting. This musical style includes choreography and physical movement, as well as vocal techniques necessary for understanding and appreciating fine musical performances through various styles of literature, such as pop, rock, contemporary a cappella and jazz. Attendance at all performances and rehearsals is required. One credit for PE substitution will be available.

# PRINCIPLES OF DANCE II SUBSTITUTION

NOTE: State law requires that any student who is taking a PE course, or class that substitutes for PE, participate in annual fitness testing.

Course Codes	
The <sup>1</sup> / <sub>2</sub> - 1 Principles of Dar	ice II credit to count as a PE substitution is to be coded as follows:
Course #	Title
1503PE A/B	PE Substitution Principles of Dance II
	(SUBDANCE)
	PEIMS # PES00015
calculated into the student's gr	les of Dance II (SUBDANCE) course <b>WILL count as a state graduation credit and WILL be</b> <b>rade point average as a 4.0 course.</b> Both fall and spring semesters of Principles of Dance II provided students engage in 100 minutes of "moderate to vigorous activity" per five –day r semester; up to a total of 1 credit.

# Prerequisite: Dance, Level I

Grade Placement: 9-12

# Credit: .5 - 1 (PE substitution credit)

Focuses on classical ballet, modern, and multicultural dance, tap, and jazz. Expands students' experience with dance vocabulary, dimensions of creativity, choreography, artistic judgment, and dance in diverse cultures in contemporary society. Attendance at all performances and rehearsals is required. One credit for PE substitution will be available.

#### TECHNICAL THEATRE II SUBSTITUTION

NOTE: State law requires that any student who is taking a PE course, or class that substitutes for PE, participate in annual fitness testing.

Course Codes	
The 1/2 - 1 Technical	Theatre II credit to count as a PE substitution is to be coded as follows:
Course #	Title
3754PE A/B	PE Substitution Technical Theatre II
	(SUBTECHTH)
	PEIMS # PES00015
<b>calculated into the stud</b> may now substitute for P	n Technical Theatre II (SUBTECHTH) course <b>WILL count as a state graduation credit and WILL be</b> <b>dent's grade point average as a 4.0 course.</b> Both fall and spring semesters of Technical Theatre II IE credit, provided students engage in 100 minutes of "moderate to vigorous activity" per five –day credit per semester; up to a total of 1 credit.

# Prerequisite: Technical Theatre I

Grade Placement: 9-12

#### Credit: .5 - 1 (PE substitution credit)

This course provides instruction in a laboratory and practical settings, in makeup, costuming design, set design and construction, lighting and sound design, business and theatre management, and other technical areas needed for theatrical and performing arts productions. Students will climb ladders, adjust lights, etc. as well as handle heavy materials, machinery and tools. Students will be expected to participate in all behind-the-scenes action of productions. Attendance at all performances and rehearsals is required, as well as behind-the-scenes action of productions. One credit for PE substitution will be available.

### MUSICAL THEATRE II SUBSTITUTION

NOTE: State law requires that any student who is taking a PE course, or class that substitutes for PE, participate in annual fitness testing.

Course Codes	
The <sup>1</sup> / <sub>2</sub> - 1 Musical Th	eatre II credit to count as a PE substitution is to be coded as follows:
Course #	Title
1474PE A/B	PE Substitution Musical Theatre II
	(SUBMUSICTH)
	PEIMS # PES00015
calculated into the stud now substitute for PE crea	Musical Theatre II (SUBMUSICTH) course <b>WILL count as a state graduation credit and WILL be</b> ent's grade point average as a 4.0 course. Both fall and spring semesters of Musical Theatre II may lit, provided students engage in 100 minutes of "moderate to vigorous activity" per five –day school er semester; up to a total of 1 credit.

# Prerequisite: Musical Theatre I Grade Placement: 9-12

# Credit: .5 - 1 (PE substitution credit)

Students will be active in a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will also provide an atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of Broadway-style musical theatre.

The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and all other aspects of a musical production. Attendance at all performances and rehearsals is required. One credit for PE substitution will be available.

NOTE: State law requires that any student who is taking a PE course, or class that substitutes for PE, participate in annual fitness testing.

Course Codes		Course Titl	es
The ½ - 1 Color Guard PE Substitution is to I		All of the Ca to be used for credit allow Guard cours toward grad student's grad enroll in any completed to enrolled in s	or Color ( ed as a P es are LC luation c ade poin / Color G he requir
		Course #	Cour
Course #	Title	CLGD1AB	PE EQ
9004A/B	PE Substitution Color Guard	CLGD2AB	PE EQ2
	(SUBCOLORGD)	CLGD3AB	PE EQ3
	PEIMS # PES00012	CLGD4AB	PE EQ4
graduation credit and	WILL count as a state d WILL be calculated ade point average as a and spring semesters of substitute for PE credit, age in 100 minutes of		

All of the Color Guard course numbers provided directly below are to be used for Color Guard credits that go beyond the total of the 1 credit allowed as a PE Color Guard substitution. The following Color Guard courses are LOCAL CREDIT ONLY and WILL NOT count toward graduation credit and WILL NOT be calculated in a student's grade point average. Before a student may qualify to enroll in any Color Guard Local Credit Courses, he/she must have completed the required PE credit or PE substitution credit or be enrolled in such a qualifying course.

Course #	Course Title	
CLGD1AB	PE EQ1 - Color Guard IAB	
CLGD2AB	PE EQ2 - Color Guard IIAB	
CLGD3AB	PE EQ3 - Color Guard IIIAB	
CLGD4AB	PE EQ4 - Color Guard IVAB	

### Prerequisite: Color Guard Member Grade Placement: 9-12 Credit: .5 - 1 (PE substitution credit; additional credits count only as local credit)

Students must audition to be accepted in Color Guard. This course deals with learning the basics of Color Guard performance (flag techniques, body movement, and performance skills). This is one of the many sections that make up the marching band that will perform at football games, marching contests, parades, and pep rallies. By taking this course, the student understands that they must attend all rehearsals, performances, and contests that take place outside the school day (regardless of placement). In addition, members will need to attend camps and other rehearsals that my take place during school vacations. After marching season students will participate in winter guard season, learning more comprehensive, in-depth skills while performing indoors. Students will audition for one of several ability- based winter guard groups at the end of the fall semester.

One credit for PE substitution will be available. All Color Guard classes after the one credit PE substitution will only count as a local credit. Local credit courses do not count toward graduation credits and are not calculated into GPA.

# JUNIOR RESERVE OFFICERS TRAINING CORPS

# JROTC (one to four credits) may be used to count as state graduation elective credit(s). Students may also use JROTC to substitute for the 1 credit of PE which is required for graduation; therefore, two semesters of JROTC will fulfill the 1 PE credit requirement.

Students entering Grade 9 beginning with school year 2014-2015 and thereafter will be graduating under the Foundation High School Program. This graduation program requires students to complete the required subject courses, plus an endorsement made up of four courses/four credits in the student's area of career or college interest. Courses used to meet the named subject credits required may also be used as courses making up an endorsement. Four levels of JROTC courses (I, II, III, and IV) qualifies as a public service endorsement, meeting the endorsement graduation requirement.

# All ROTC Students may select how they want the JROTC Level IA/B 1 credit course to count toward graduation:

1. As a PE substitution with the short title on their transcripts of SUBJ1 showing the course meets the 1 credit PE Graduation requirement

OR

2. As a JROTC course credit with the short title of ROTC, AFROTC, or NROTC appearing on the student's transcript for 1 elective credit/no credit for PE. A student using this option has either to have already completed a PE course or PE substitution (such as athletics, marching band, or drill team etc.) or be enrolled in such a PE credited course at the same time as they are enrolled in JROTC.

# NOTE: State law requires that any student who is taking a PE course, or class that substitutes for PE, participate in annual fitness testing.

JUNIOR RESERVE OFFICERS TRAINING I AB (PE SUBSTITUTION) JUNIOR RESERVE OFFICERS TRAINING I AB (NO PE CREDIT AWARDED)	5951 AB (PE Substitution) or 5949 AB
(Introduction to Leadership and Citizenship Development) JROTC is a "world-class," student-centered academic, STEM-based leadership program which familiarizes students with the concept of leadership, rights, responsibilities, privileges, and freedoms that underlie good citizenship. Focus on STEM–LEGO and VEX Robotics. Students individually and within teams will engage in hands-on teaching and learning, applying academic content by creatively solving real-world problems with innovative design-based thinking. Students will begin developing appreciation of teamwork through instruction in STEM– LEGO and VEX Robotics, Cybersecurity, Problem Solving, Drill, and wearing of the uniform	PES000004 (PE Substitution) or 03160100 Grade level: 9 - 12 HS Credit(s): 1
Instructional Material: Student Text & HB Instructor Guide, Curriculum Manager Portable Drive, VEX Robotics/No state-adopted textbook/Contact JROTC Director Web Portal <u>Prerequisites:</u> 14 years of age	College Hour(s): N/A <b>Tier III</b>
JUNIOR RESERVE OFFICERS TRAINING II AB	5953 AB
(Leadership and Citizenship Development) This course is designed with the latest interactive instructional strategies to maximize student engagement and learning. This course improves leadership ability, communications, decision- making, and goal setting through study and practical leadership experience as a cadet noncommissioned officer. Course provides introductory instruction in American military history with emphasis on the origin and role of the U.S. Army (JROTC), U.S. Air Force (AFJROTC), or U.S. Navy (NJROTC). Students will participate in service learning (community service) activities. Course enhances social and ethical values, and introduces physical conditioning, proper diet and nutrition.	03160200 Grade level: 10 - 12 HS Credit(s): 1 College Hour(s): N/A <b>Tier III</b>
Instructional Material: Student Text & HB Instructor Guide, Curriculum Manager Portable Drive, VEX Robotics/No state-adopted textbook/Contact JROTC Director Web Portal Prerequisites: JROTC I	
JUNIOR RESERVE OFFICERS TRAINING III AB	5955 AB
(Applied Leadership Development) This course improves leadership ability through study and practical leadership experience as a cadet officer in the JROTC. Course provides practical experience in applying leadership assessment principles, training and supervising subordinates, communications, service learning and problem solving. Cadets complete DL courses: Conflict Resolution, Time Management, Improving Writing Skills, Test Taking, Internet Safety, and First Aid. Continues instruction in military history as it relates to American culture and the future.	03160300 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): N/A <b>Tier III</b>
Instructional Material: Student Text & HB Instructor Guide, Curriculum Manager Portable Drive, VEX Robotics/No state-adopted textbook/Contact JROTC Director Web Portal	

Prerequisites: JROTC II

# HONORS JUNIOR RESERVE OFFICERS TRAINING III AB

The honors course is designed to provide mid-level staff and primary cadet leaders the opportunity for applying advanced academic leadership and management skills, using proven and creative techniques, while employing multiple intelligences and learning strategies to maximize individual potential. Honors cadets will be challenged by the daily rigors of program requirements necessary to ensure highly successful ratings in all functional areas during inspections. Further leadership development via involvement in Team competitions, Peer Mentorship, Adopt-a-School programs. Moreover, developing techniques to integrate STEM learning, STEM research and engineering projects with leadership, creativity and teamwork.

Instructional Material: Student Text & HB Instructor Guide, Curriculum Manager Portable Drive, VEX Robotics/No state-adopted textbook/Contact JROTC Director Web Portal

Prerequisites: JROTC I and II

# JUNIOR RESERVE OFFICERS TRAINING IV AB (Advanced Leadership Development) Course provides students with advanced leadership and instructional experiences while allowing them to serve as senior cadet commanders and staff officers. Emphasis is on effective application of training management, planning management, leadership and communication skills, ethical reasoning, office administration, and decision-making in an assigned command or staff position. Applied service learning (community service projects) involves developing a concept, planning, resourcing, and leading a service project. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long-range life goals. Students will lead major competitions, activities, and external inspections. At Arlington Heights High School, the NJROTC enters advanced naval operations, intelligence, communications, seamanship, and applied staff and command.

Instructional Material: Student Text & HB Instructor Guide, Curriculum Manager Portable Drive, VEX Robotics/No state-adopted textbook/Contact JROTC Director Web Portal

Prerequisites: JROTC III

# HONORS JUNIOR RESERVE OFFICERS TRAINING IV AB

This honors course is designed to provide senior-level and primary cadet leaders the opportunity for applying advanced academic supervisory leadership and management skills, using proven and creative techniques while employing multiple intelligences and learning strategies. Cadets complete DL courses, Conflict Resolution, Time Management, Improving Writing Skills, Test Taking, Internet Safety, and First Aid. Cadets are eligible to enroll in courses for college credits. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long-range life goals. Honors cadets will apply rigorous practical decision-making techniques to resolve a myriad of complex situations, requiring exceptional leadership, citizenship, and management skills in complex situations throughout the evaluation period. This will ensure highly successful ratings in all functional areas during inspections.

Instructional Material: Student Text & HB Instructor Guide, Curriculum Manager Portable Drive, VEX Robotics/No state-adopted textbook/Contact JROTC Director Web Portal

Prerequisites: JROTC II and III

#### HONORS UNITED STATES MILITARY HISTORY AB 5975 AB SPECIAL TOPICS IN SOCIAL STUDIES 5975 AB 5978 AB This course presents a comprehensive U. S. Military History review, providing students an awareness of responsible 033800## leadership roles of men and women in past and present history. Students will gain an understanding of U.S. military Grade level: 10 - 12 history and strategy from an intellectual, social, economic and political perspective. Students will apply critical-HS Credit(s): 1 thinking skills to understand the impact of geographic factors, current world events and the role of diplomacy from College Hour(s): N/A the perspective of both scholars and from the perspective of those who have fought our wars. Cadet leaders are Tier II provided the opportunity to participate in world affairs discussions and seminars, staff rides to military installations, museums, historic battlefields and monuments, panel discussions, community service projects, leadership labs, leadership camps, as well as participation in classroom discussion, and debate projects on local and world events. Students will gain a world-view perspective and a greater appreciation and understanding of culture, history and government. Instructional Material: Provided by ROTC Department/Locally adopted textbook - Lookingbill's The American Military: A Narrative History, John Wiley Press, 2014, ISBN: 9781444337365 Prerequisites: Student must have completed JROTC I or seeking Humanities Endorsement

033800## - 1st Time ##=02, 2nd Time ##=22, 3rd Time ##=32, 4th Time ##=42

AIR FORCE JUNIOR RESERVE OFFICER TRAINING I AB (PE SUBSTITUTION)	5963 AB
AIR FORCE JUNIOR RESERVE OFFICER TRAINING I AB (NO PE CREDIT)	(PE Substitution) or
	5947 AB (No PE Credit)
AFJROTC1. AS-1 - A JOURNEY into AVIATION HISTORY: This is an aviation history course focusing on the	PES00004 (PE Substitution)
development of flying throughout the centuries. The emphasis is on civilian and military contributions to aviation.	or 03160100 (No PE Credit)
LE-1-Citizenship, Character and Air Force Tradition: Focuses on the AFJROTC mission and organization, customs	Grade level: 9 - 12
and courtesies, and the meaning and purpose of standards, discipline, and conduct. A Health and Wellness	HS Credit(s): 1
program is 20% of the total program instruction and encourages students to develop lifelong fitness goals.	College Hour(s): N/A
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force	Tier III
Prerequisites: 14 years of age	

03160300 Grade level: 11 HS Credit(s): 1 College Hour(s): N/A **Tier II** 

5957 AB 03160400 Grade level: 12 HS Credit(s): 1 College Hour(s): N/A Tier III

5959 AB

03160400

Tier II

Grade level: 12

HS Credit(s): 1

College Hour(s): N/A

5958 AB

AIR FORCE JUNIOR RESERVE OFFICER TRAINING II AB	5965 AB
AFJROTC2. AS-2 – The Science of Flight; A Gateway to New Horizons: This second-year course covers the aerospace	03160200
environment, the human requirements for flight, principles of aircraft flight, and principles of navigation.	Grade level: 10 - 12
Discussions include the forces of lift, drag, thrust and weight. LE-1-Citizenship, Character and Air Force Tradition:	HS Credit(s): 1
Focuses on the AFJROTC mission and organization, customs and courtesies, and the meaning and purpose of	College Hour(s): N/A
standards, discipline, and conduct. A Health and Wellness program is 20% of the total program instruction and	Tier III
encourages students to develop lifelong fitness goals.	
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force	
Prerequisites: AFJROTC IAB	5067 AD
AIR FORCE JUNIOR RESERVE OFFICER TRAINING III AB	5967 AB
AFJROTC3. AS-3 -Exploring Space; The High Frontier: This course examines our Solar System, the Sun, Earth, and	03160300
Moon and the planets, the latest advances in space technology, and continuing challenges of space and manned	Grade level: 10
space flight. LE-3-Life Skills and Career Opportunities: Comprehend the importance of obtaining a degree or skill	HS Credit(s): 1
after high school comprehend the importance of financial planning, and know what career opportunities are	College Hour(s): NA
available. A Health and Wellness program is 20% of the total program instruction and encourages students to develop lifelong fitness goals and skills.	Tier III
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force	
Prerequisites: AFJROTC IIAB	
HONORS AIR FORCE JUNIOR RESERVE OFFICER TRAINING III ABH	5969 AB/H
Student assigned to honors AFJROTC will be required to meet all the requirements of AFJROTC3 in addition the	03160300
following requirements: The honors course is designed to provide mid-level staff and primary cadet leaders the	Grade level:
opportunity for applying advanced academic leadership and management skills, using proven and creative	HS Credit(s): 1
techniques, while employing multiple intelligences and learning strategies. Honors cadets will be challenged by the	College Hour(s): N/A
daily rigors of program requirements necessary to ensure a highly successful unit.	Tier II
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force	
Prerequisites: AFJROTC IAB and IIAB AIR FORCE JUNIOR RESERVE OFFICER TRAINING IV AB	5971 AB
AFJROTC3. AS-4H – Management of the Cadet Corps: The cadets manage the entire corps during their fourth year in	03160400
the AFJROTC program. This hands-on experience affords the cadets the opportunity to put theories of previous	Grade level: 12
leadership courses into practice. LE-4-Leadership Education: The students will comprehend the importance of self-	HS Credit(s): 1
management and the management of others and comprehend the concepts and skills of problem solving, decision	College Hour(s): NA
making and negotiation. A Health and Wellness program is 20% of the total program instruction and encourages	Tier III
students to develop lifelong fitness goals and skills.	
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force	
Prerequisites: AFJROTC IIIAB	
HONORS AIR FORCE JUNIOR RESERVE OFFICER TRAINING IVA/B/H	5973 AB
(Advance Management of the Cadet Corps) The requirements for this course are in addition to the requirements of	03380002
AS4 and LE4. This course provides students with advance leadership and instructional experiences while allowing	Grade level: 12
them to serve as senior cadet commanders and staff officers. Emphasis is on effective application of training	HS Credit(s): 1
management, planning management, leadership and communication skills, ethical reasoning, office administration,	College Hour(s): N/A
decision making in an assigned command or staff position. Applied service learning (community service projects)	Tier II
involves developing a concept, setting measurable goals, planning and leading a service project. Students will lead	
major competitions, activities and external inspections	
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force	
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force Prerequisites: AFJROTC IIAB and IIIAB	5961 AB
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force <u>Prerequisites:</u> AFJROTC IIAB and IIIAB HONORS AVIATION GROUND SCHOOL ABH	<b>5961 AB</b> N1290400
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force <u>Prerequisites:</u> AFJROTC IIAB and IIIAB <b>HONORS AVIATION GROUND SCHOOL ABH</b> AFJROTC4. AS-4 Honors – Aviation Honors Ground School: The material covered is a more advance, more-in-depth	
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force Prerequisites: AFJROTC IIAB and IIIAB HONORS AVIATION GROUND SCHOOL ABH AFJROTC4. AS-4 Honors – Aviation Honors Ground School: The material covered is a more advance, more-in-depth study of the previous aerospace topics. When the course is complete, the students should be prepared to take and	N1290400
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force <u>Prerequisites:</u> AFJROTC IIAB and IIIAB <b>HONORS AVIATION GROUND SCHOOL ABH</b> AFJROTC4. AS-4 Honors – Aviation Honors Ground School: The material covered is a more advance, more-in-depth study of the previous aerospace topics. When the course is complete, the students should be prepared to take and pass the Federal Aviation Administration (FAA) written examination. The Private Pilot Manual is the source for initial	N1290400 Grade level: 11 - 12
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force <u>Prerequisites:</u> AFJROTC IIAB and IIIAB <b>HONORS AVIATION GROUND SCHOOL ABH</b> AFJROTC4. AS-4 Honors – Aviation Honors Ground School: The material covered is a more advance, more-in-depth study of the previous aerospace topics. When the course is complete, the students should be prepared to take and pass the Federal Aviation Administration (FAA) written examination. The Private Pilot Manual is the source for initial	N1290400 Grade level: 11 - 12 HS Credit(s): 1
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force Prerequisites: AFJROTC IIAB and IIIAB HONORS AVIATION GROUND SCHOOL ABH AFJROTC4. AS-4 Honors – Aviation Honors Ground School: The material covered is a more advance, more-in-depth study of the previous aerospace topics. When the course is complete, the students should be prepared to take and pass the Federal Aviation Administration (FAA) written examination. The Private Pilot Manual is the source for initial study and review. The course covers advanced weather, aerodynamics, FAA regulations, flight planning and	N1290400 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): N/A
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force Prerequisites: AFJROTC IIAB and IIIAB HONORS AVIATION GROUND SCHOOL ABH AFJROTC4. AS-4 Honors – Aviation Honors Ground School: The material covered is a more advance, more-in-depth study of the previous aerospace topics. When the course is complete, the students should be prepared to take and pass the Federal Aviation Administration (FAA) written examination. The Private Pilot Manual is the source for initial study and review. The course covers advanced weather, aerodynamics, FAA regulations, flight planning and navigation. At the end of this course, the student should pass the 60-question FAA written exam. Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. Prerequisites: AFJROTC AS IIAB	N1290400 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): N/A <b>Tier II</b>
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force Prerequisites: AFJROTC IIAB and IIIAB HONORS AVIATION GROUND SCHOOL ABH AFJROTC4. AS-4 Honors – Aviation Honors Ground School: The material covered is a more advance, more-in-depth study of the previous aerospace topics. When the course is complete, the students should be prepared to take and pass the Federal Aviation Administration (FAA) written examination. The Private Pilot Manual is the source for initial study and review. The course covers advanced weather, aerodynamics, FAA regulations, flight planning and navigation. At the end of this course, the student should pass the 60-question FAA written exam. Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. Prerequisites: AFJROTC AS IIAB NAVY SCIENCE JUNIOR RESERVE OFFICER TRAINING I AB (PE SUBSTITUTION)	N1290400 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): N/A <b>Tier II</b> <b>5977 AB (PE Substitution)</b>
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force Prerequisites: AFJROTC IIAB and IIIAB HONORS AVIATION GROUND SCHOOL ABH AFJROTC4. AS-4 Honors – Aviation Honors Ground School: The material covered is a more advance, more-in-depth study of the previous aerospace topics. When the course is complete, the students should be prepared to take and pass the Federal Aviation Administration (FAA) written examination. The Private Pilot Manual is the source for initial study and review. The course covers advanced weather, aerodynamics, FAA regulations, flight planning and navigation. At the end of this course, the student should pass the 60-question FAA written exam. Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. Prerequisites: AFJROTC AS IIAB NAVY SCIENCE JUNIOR RESERVE OFFICER TRAINING I AB (PE SUBSTITUTION) NAVY SCIENCE JUNIOR RESERVE OFFICER TRAINING I AB (NO PE CREDIT)	N1290400 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): N/A Tier II 5977 AB (PE Substitution) or 5979 AB (No PE Credit)
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force Prerequisites: AFJROTC IIAB and IIIAB HONORS AVIATION GROUND SCHOOL ABH AFJROTC4. AS-4 Honors – Aviation Honors Ground School: The material covered is a more advance, more-in-depth study of the previous aerospace topics. When the course is complete, the students should be prepared to take and pass the Federal Aviation Administration (FAA) written examination. The Private Pilot Manual is the source for initial study and review. The course covers advanced weather, aerodynamics, FAA regulations, flight planning and navigation. At the end of this course, the student should pass the 60-question FAA written exam. Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. Prerequisites: AFJROTC AS IIAB NAVY SCIENCE JUNIOR RESERVE OFFICER TRAINING I AB (PE SUBSTITUTION) NJROTC1. This Naval Science 1 course introduces students to fundamental elements of the meaning of citizenship,	N1290400 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): N/A Tier II 5977 AB (PE Substitution) or 5979 AB (No PE Credit) PES00004 (PE Substitution)
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force Prerequisites: AFJROTC IIAB and IIIAB HONORS AVIATION GROUND SCHOOL ABH AFJROTC4. AS-4 Honors – Aviation Honors Ground School: The material covered is a more advance, more-in-depth study of the previous aerospace topics. When the course is complete, the students should be prepared to take and pass the Federal Aviation Administration (FAA) written examination. The Private Pilot Manual is the source for initial study and review. The course covers advanced weather, aerodynamics, FAA regulations, flight planning and navigation. At the end of this course, the student should pass the 60-question FAA written exam. Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. Prerequisites: AFJROTC AS IIAB NAVY SCIENCE JUNIOR RESERVE OFFICER TRAINING I AB (PE SUBSTITUTION) NAVY SCIENCE JUNIOR RESERVE OFFICER TRAINING I AB (NO PE CREDIT) NJROTC1. This Naval Science 1 course introduces students to fundamental elements of the meaning of citizenship, understanding the American Government, and the elements of leadership; the value of scholarship in attaining life	N1290400 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): N/A <b>Tier II</b> 5977 AB (PE Substitution) or 5979 AB (No PE Credit) PES00004 (PE Substitution) 3160100 (No PE Credit)
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force Prerequisites: AFJROTC IIAB and IIIAB HONORS AVIATION GROUND SCHOOL ABH AFJROTC4. AS-4 Honors – Aviation Honors Ground School: The material covered is a more advance, more-in-depth study of the previous aerospace topics. When the course is complete, the students should be prepared to take and pass the Federal Aviation Administration (FAA) written examination. The Private Pilot Manual is the source for initial study and review. The course covers advanced weather, aerodynamics, FAA regulations, flight planning and navigation. At the end of this course, the student should pass the 60-question FAA written exam. Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. Prerequisites: AFJROTC AS IIAB NAVY SCIENCE JUNIOR RESERVE OFFICER TRAINING I AB (PE SUBSTITUTION) NACY SCIENCE JUNIOR RESERVE OFFICER TRAINING I AB (NO PE CREDIT) NJROTC1. This Naval Science 1 course introduces students to fundamental elements of the meaning of citizenship, understanding the American Government, and the elements of leadership; the value of scholarship in attaining life goals; promotes an awareness of the importance of a healthy lifestyle, including physical fitness, a proper diet, and	N1290400 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): N/A <b>Tier II</b> 5977 AB (PE Substitution) or 5979 AB (No PE Credit) PES00004 (PE Substitution) 3160100 (No PE Credit) Grade level: 9 - 12
Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC/Air Force Prerequisites: AFJROTC IIAB and IIIAB HONORS AVIATION GROUND SCHOOL ABH AFJROTC4. AS-4 Honors – Aviation Honors Ground School: The material covered is a more advance, more-in-depth study of the previous aerospace topics. When the course is complete, the students should be prepared to take and pass the Federal Aviation Administration (FAA) written examination. The Private Pilot Manual is the source for initial study and review. The course covers advanced weather, aerodynamics, FAA regulations, flight planning and navigation. At the end of this course, the student should pass the 60-question FAA written exam. Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. Prerequisites: AFJROTC AS IIAB NAVY SCIENCE JUNIOR RESERVE OFFICER TRAINING I AB (PE SUBSTITUTION)	N1290400 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): N/A <b>Tier II</b> 5977 AB (PE Substitution) or 5979 AB (No PE Credit) PES00004 (PE Substitution) 3160100 (No PE Credit)

Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. Prerequisites: 14 years of age

# NAVY SCIENCE JUNIOR OFFICER RESERVE TRAINING II AB

NJROTC2. The Naval Science 2 course builds on the general introduction provided in Naval Science 1 to further develop the traits of citizenship and leadership, and to introduce cadets to the technical areas of naval science and the role of the U.S. Navy in maritime history and the vital importance of the world's oceans to the continued wellbeing of the United States. Students are introduced to Maritime History, including the American Revolution, Civil Ware, the rise of the U.S. to world power status, World Wars 1 and 2, the Cold War Era and the 1990s and Beyond; introduction to Nautical Sciences to include Maritime Geography, Oceanography, Meteorology, Astronomy, and Physical Sciences.

Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. Prerequisites: NJROTC I

# NAVY SCIENCE JUNIOR OFFICER RESERVE TRAINING III AB

NJROTC3. The Naval Science 3 course broadens the understanding of students in the operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of objectives, and the importance of sea power and national security. Students gain a more indepth knowledge of Naval ships and aircraft and an introduction to marine navigation and seamanship. This course also provides instruction on Naval Operations and Support Functions, Military Law, and International Law and the Sea. Provides introduction to ship construction and damage control, shipboard organization and watch standing, basic seamanship, marine navigation, and naval weapons and aircraft. Includes on-going instruction in leadership, citizenship and discipline.

Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. Prerequisites: NJROTC II

# HONORS NAVY SCIENCE JUNIOR OFFICER RESERVE TRAINING III AB

NJROTC3/Honors. Student assigned to honors NJROTC will be required to meet all the requirements of NJROTC3 in addition the following requirements: The honors course is designed to provide mid-level staff and primary cadet leaders the opportunity for applying advanced academic leadership and management skills, using proven and creative techniques, while employing multiple intelligences and learning strategies. Honors cadets will be challenged by the daily rigors of program requirements necessary to ensure a highly successful unit. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long-range life goals.

Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. <u>Prerequisites:</u> AFJROTC I and II

# NAVY SCIENCE JUNIOR OFFICER RESERVE TRAINING IV AB

NJROTC4. Naval Science 4 course focus is primarily on practical leadership techniques and implementation. The intent is to assist seniors in understanding leadership and improving their leadership skills by putting them in positions of leadership, under supervision, then helping them analyze the reasons for them vary degrees of success throughout the year. Classroom activities include seminars, reading assignments, classroom presentations, and practical work with younger cadets. This hands-on experience affords the cadets the opportunity to put theories of previous leadership courses into practice. Seniors are mentored/guided in their presentation for life after high school to include college preparation, scholarship applications, and the variety of choices that are available to them. Instruction is provided in theoretical and applied aspects of leadership, training, and evaluation of performance. Students will become aware of the techniques used to create motivation, develop goals and activities for a work group, and the proper ways to set a leadership example. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long-range life goals.

Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. <u>Prerequisites:</u> NJROTC III

# HONORS NAVY SCIENCE JUNIOR OFFICER RESERVE TRAINING IV AB NJROTC4/Honors The requirements for this course are in addition to regular course requirements. Requires students with advance leadership and instructional experiences while allowing them to serve as senior cadet commanders

with advance leadership and instructional experiences while allowing them to serve as senior cadet commanders and staff officers. Emphasis is on effective application of training management, planning management, leadership and communication skills, ethical reasoning, office administration, decision making in an assigned command or staff position. Applied service learning (community service projects) involves developing a concept, setting measurable goals, planning and leading a service project. Students will lead major competitions, activities and external inspections.

Instructional Material: Textbooks, Instructor Guide, CD, DVD provided by the JROTC Dept. Prerequisites: NJROTC II and III 5981 AB 03160200 Grade level: 10 - 12 HS Credit(s): 1 College Hour(s): N/A Tier III

# 5983 AB 03160300 Grade level: 11 - 12 HS Credit(s): 1 College Hour(s): N/A Tier III

5985 AB

03160300

Tier II

Grade level: 9 - 12

College Hour(s): N/A

HS Credit(s): 1

5987 AB 03160400 Grade level: 12 HS Credit(s): 1 College Hour(s): N/A Tier III

5989 AB

03160400

# **SPECIAL EDUCATION**

# TEKS-BASED COURSE GUIDE FOR HIGH SCHOOL SPECIAL EDUCATION PROGRAM

Corre	elation Charl	t of High School Gene	ral Educatio	on Courses and Specia		ourses
High School	Course Numbers	General Education Course Titles	Spec. Ed Course Numbers	Special Education For Substitution In ARD	Special Education Course Number	Special Education Title/ Name
English Language	3011	English IA/B	3031	Basic English IA/B	30197 A/B	English 1 ALT A/B
Arts	3013	English II A/B	3033	Basic English IIA/B	30217 A/B	English 2 ALT A/B
	3015	English IIIA/B	3035	Basic English IIIA/B	3023 A/B	English 3 ALT A/B
	3017	English IVA/B	3037	Basic English IVA/B	3025 B	English 4 ALT A/B
Reading	3941	Reading IA/B	3911	Basic Reading IA/B	3947 A/B	Reading 1 ALT A/B
	3943	Reading IIA/B	3913	Basic Reading IIA/B	3948 A/B	Reading 2 ALT A/B
	3945	Reading IIIA/B	3915	Basic Reading IIIA/B	3949 A/B	Reading 3 ALT A/B
	3955	Reading Application and Study Skills	3953	Basic Reading Application and Study Skills	3950 A/B	Reading 4 ALT A/B
Mathematics	7051	Algebra IA/B	7042	Basic Algebra IA/B	70597 A/B	Algebra 1 ALT A/B
	7071	Geometry IA/B	7072	Basic Geometry IA/B	7061 A/B	Geometry ALT A/B
	7052	Mathematical Models with Applications IA/B	7054	Basic Mathematical Models with Applications A/B	7063 A/B	Math Models ALT A/B
	7053	Algebra IIA/B	7058	Basic Algebra IIA/B	7065 A/B	Algebra 2 ALT A/B
Science	7572	Biology A/B	7570	Basic Biology A/B	75597 A/B	Biology ALT A/B
	7532	Integrated Physics and Chemistry A/B	7530	Basic Integrated Physics and Chemistry A/B	7561 A/B	Introduction to Physical Science ALT A/B
	7676	Environmental Systems A/B	7674	Basic Environmental Systems A/B	7563 A/B	Environmental Systems ALT A/B
					7565 A/B	Aquatic Science ALT A/B

# Correlation Chart of High School General Education Courses and Special Education Courses

High School	Course Numbers	General Education Course Titles	Special Education Course Numbers	Special Education For Substitution In ARD	Special Education Course Numbers	Special Education Title/ Name
Social Studies	8011	World Geography Studies A/B	8023	Basic World Geography Studies A/B	8013 A/B	Geography ALT A/B
	8033	World History Studies A/B	8031	Basic World History Studies A/B	8015 A/B	World History Studies ALT A/B
	8056	United States History Studies Since Reconstruction A/B	8060	Basic United States History Studies Since Reconstruction A/B	80177 A/B	United States History 1877 ALT A/B
	8076	United States Government IT	8074	Basic United States Government IT	8019 A/B	United States Government ALT A/B
	8096	Economics with Emphasis on the Free Enterprise System and Its Benefits	8093	Basic Economics with emphasis on the Free Enterprise System and its benefits	8021 A/B	Economics ALT A/B
Health Education	5001	Health Education IT	5015	Basic Health Education IT	5005 A/B	Personal Health/ Hygiene IV A/B
Physical Education	5050	Foundations of Personal Fitness IT	5046	Basic Foundations of Personal Fitness IT		
	5056	Aerobic Activities IT	5047	Basic Aerobic Activities IT		
	5053	Individual Sports and Recreational Activities IT	5048	Basic Individual Sports and Recreational Activities IT		
	5062	Adventure/Outdoor Education IT	5049	Basic Adventure/Outdoor Education IT		
Speech	3126	Communication Applications IT	3128	Basic Communication Applications IT	3128	Communication Applications IT ALT
	AV09901T	Professional Communication *Instructor must be both CTE & SPED Certified	AV09902T	Basic Professional Communication *Instructor must be both CTE & SPED Certified		
LOTE Substitutions	Consecutive Reading Courses	OR	Consecutive CTE Courses	OR	2 additional years of English, Math, Science or Social Studies once requirements are met for the graduation plan	

SPECIAL EDUCATION – HIGH SCHOOL

The following courses are offered to those students who require a TEKS-based curriculum, but also for whom the ARD Committee must determine the mastery level, modified course content, goals and objectives, and accommodations. All of these should be aligned to post- secondary goals for the student. Students who complete course work under this plan qualify for a minimum (22 Credits) graduation plan under the Foundation School Program (FSP) Graduation Plan or HB5 FSP w/ Endorsements (26 Credits). Decisions regarding enrollment are made by the ARD Committee.

# ELIGIBLE SPECIAL EDUCATION STUDENTS:

It is imperative that students are placed into their correct ARD – endorsed schedules within ten days of the beginning of the semester. Academic records must be cross-referenced with Bulletin 100 and the proposed schedules in order to avoid duplication of classes for which credits have been earned and/or disruption to the course sequence intended.

State textbooks for students with special needs are available at the campus level. The Special Education Resource Service (SERS) is a center which can be contacted to access supplementary curriculum materials, if needed, to meet students' individual needs. SERS staff can be reached by calling 817.815.5490.

The students enrolled in the following basic courses (English I, English II, Algebra I, Biology and U.S. History) or the applied course equivalents are instructed with modified TEKS and will take the state assessment deemed appropriate by the ARD committee.

# 3031A/B-Basic English IAB (BAENG1 AB)

Prerequisite: English recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 9 Credit: 0.5 - 1

Coursework will be taken in lieu of general education English I #3011. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee. *Student will take the English I EOC*.

# 3033A/B-Basic English IIAB (BAENG2 AB)

Prerequisite: English recommended by ARD committee as a special education course and incorporated into the ARD schedule of services. Grade Placement: 10 Credit: 0.5 - 1

Coursework will be taken in lieu of general education English II #3013. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee. *Student will take the English II EOC*.

# 3035A/B-Basic English IIIAB (BAENG3 A/B)

Prerequisite: English recommended by ARD committee as a special education course and incorporated into the ARD schedule of services. Grade Placement: 11 Credit: 0.5 - 1

Coursework will be taken in lieu of general education English III #3015. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 3037A/B-Basic English IVAB (BAENG4 A/B)

Prerequisite: English recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 12 Credit: 0.5 - 1

Coursework will be taken in lieu of general education English IV #3017. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 3128T–Basic Communication Applications IT (BACOMMAPP1 T)

Prerequisite: Speech recommended by ARD committee as a special education course and incorporated into the ARD schedule of services. Grade Placement: 9 - 12 Credit: 0.5

Coursework will be taken in lieu of general education Speech #3126. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# PEIMS # 03220200

PEIMS # 03220300

# PEIMS # 03220400

# PEIMS # 03220100

# AV09902T–Basic Professional Communication IT (BAPROFCOMM T)

Prerequisite: Speech recommended by ARD committee as a special education course and CTE course incorporated into the ARD schedule of services.

Grade Placement: 9 - 12 Credit: .5

Coursework will be taken in lieu of general education Speech #3126. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee. These courses must be taught by individuals who hold both Special Education and CTE certifications.

# 3911A/B-Basic Reading IAB (BAREAD1 A/B)

Prerequisite: Reading recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Credit: 0.5 - 1 Grade Placement: 9

Coursework will be taken in lieu of general education Reading I #3941. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 3913A/B-Basic Reading IIAB (BAREAD2 A/B)

Prerequisite: Reading recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 10 Credit: 0.5 - 1

Coursework will be taken in lieu of general education Reading II #3943. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 3915A/B-Basic Reading IIIAB (BAREAD3 A/B)

Prerequisite: Reading recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 11 Credit: 0.5 - 1

Coursework will be taken in lieu of general education Reading III #3945. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

## 3953T–Basic Reading Application and Study Skills IT (BAREADAPP1T)

Prerequisite: Reading recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 9 - 12 Credit: 0.5 - 1

Coursework will be taken in lieu of general education Reading #3955. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 7042A/B-Basic Algebra IAB (BAALG1 A/B)

PEIMS # 03100500 Prerequisite: Mathematics recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 9 - 12 Credit: 0.5 - 1

Coursework will be taken in lieu of general education Algebra I #7051. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee. Student will take the Algebra I EOC.

# 7072A/B-Basic Geometry IAB (BAGEOM1 A/B)

Prerequisite: Mathematics recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 9 - 12 Credit: 0.5 - 1

Coursework will be taken in lieu of general education Geometry #7071. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 7054A/B–Basic Mathematical Models with Applications IAB (BAMTHMOD1 A/B)

Prerequisite: Mathematics recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 9 - 12 Credit: 0.5 - 1

Coursework will be taken in lieu of general education Mathematical Models #7052. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 7058A/B-Basic Algebra IIAB (BAALG2 A/B)

Prerequisite: Mathematics recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 10 - 12 Credit: 0.5 - 1

Coursework will be taken in lieu of general education Algebra II #7053. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

## 7570A/B-Basic Biology IAB (BABIO1 A/B)

PEIMS # 03010200

Prerequisite: Science recommended by ARD committee as a special education course and incorporated into the ARD schedule of services. Grade Placement: 9 - 12 Credit: 0.5 - 1

Coursework will be taken in lieu of general education Biology #7572. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee. *Student will take the Biology EOC*.

### 7530A/B-Basic Integrated Physics & Chemistry IAB (BAIPHYCHEM1 A/B)

Prerequisite: Science recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 9 - 12 Credit: 0.5 - 1

Coursework will be taken in lieu of general education Integrated Physics & Chemistry #7532. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD schedule of services.

# 7674A/B–Basic Environmental Systems IAB (BAENVSYS1 A/B)

Prerequisite: Science recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 10 - 12 Credit: 0.5 - 1

Coursework will be taken in lieu of general education Environmental Systems #7676. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

## 8023A/B–Basic World Geography Studies IAB (BAWGEO1 A/B)

Prerequisite: Social Studies recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 9 - 12 Credit: 0.5 - 1

Coursework will be taken in lieu of general education World Geography Studies #8011. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 8031A/B-Basic World History Studies IAB (BAWHIST1 A/B)

Prerequisite: Social Studies recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 9 - 12 Credit: 0.5 - 1

Coursework will be taken in lieu of general education World History Studies #8033. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

**8060A/B–Basic United States History Studies Since Reconstruction IAB (BAUSHISTSSR1A/B)** PEIMS # 03340100 Prerequisite: Social Studies recommended by ARD committee as a special education course and incorporated into the ARD schedule of services. Grade Placement: 9 - 12 Credit: 1

Coursework will be taken in lieu of general education U.S. History Studies #8056. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee. *Student will take the US History EOC*.

## 8074T–Basic United States Government IT (BAUSGOVT1T)

Prerequisite: Social Studies recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 11 - 12 Credit: 0.5

Coursework will be taken in lieu of general education United States Government #8076. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

**8093T–Basic Economics with Emphasis on the Free Enterprise System and Its Benefits IT (BAECOFE1T)** Prerequisite: Social Studies recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 11 - 12 Credit: 0.5

Coursework will be taken in lieu of general education Emphasis on the Free Enterprise System and Its Benefits #8096. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 5015T–Basic Health Education IT (BAHLTHED1T)

Prerequisite: Health recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 11 - 12 Credit: 0.5

Coursework will be taken in lieu of general education Health Education #5001. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 5046T–Basic Foundations of Personal Fitness IT (BAPE1T)

Prerequisite: Physical Education recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 9 - 12 Credit: 0.5

Coursework will be taken in lieu of general education Physical Education #5050. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 5047T-Basic Aerobic Activities IT (BAPEAA1T)

Prerequisite: Physical Education recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 10 - 12 Credit: 0.5

Coursework will be taken in lieu of general education Physical Education #5056. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 5048T–Basic Individual Sports and Recreational Activities IT (BAPEIS1T)

Prerequisite: Physical Education recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 9 - 10 Credit: 0.5

Coursework will be taken in lieu of general education Physical Education #5053. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

# 5049T–Basic Adventure/Outdoor Education IT (BAPEAEO1T)

Prerequisite: Physical Education recommended by ARD committee as a special education course and incorporated into the ARD schedule of services.

Grade Placement: 10 - 12 Credit: 0.5

Coursework will be taken in lieu of general education Physical Education #5062. Instruction is provided at the student's enrolled grade level, with modification of TEKS, as determined by the ARD Committee.

## SPECIAL EDUCATION SIGNIFICANTLY MODIFIED CURRICULUM

With the assistance of a counselor, a four-year plan must be developed and endorsed by the ARD Committee at age fourteen or upon entry into 8<sup>th</sup> grade (whichever comes first) for an eligible special education student. While it is the expectation that students earn as many credits as possible in the general education setting, the courses listed below are intended for students who need prerequisite TEKS Skills development with primary focus placed on functional or life skills, and alignment to the student's post-secondary goals. Decisions regarding services must be approved by the ARD Committee.

Students enrolled in equivalent test courses (#30197, #30217, #70597, #75597, #80177), the STAAR-ALT EOC will likely be the state assessment of appropriate choice. ARD Committee approval is required.

Course #	Course Title/Name	Short Title	Core Subject	PEIMS #	Type Test Given
30197A/B	English 1 ALT AB	ENG 1 ALT A/B	English I	03220107	Alternate Test
30217A/B	English 2 ALT AB	ENG 2 ALT A/B	English II	03220207	Alternate Test
3023A/B	English 3 ALT AB	ENG 3 ALT A/B	English III	03220300	No EOC
3025A/B	English 4 ALT AB	ENG 4 ALT A/B	English IV	03220400	No EOC
Proroquisito:	Fligible for significantly n	odified curriculum and place	coment by ARD c	ommittee and	incorporated into

Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee and incorporated into the ARD schedule page(s). Grade Placement: 9 - 12 + Credit: .5 - 1

Communication coursework addresses basic functional skills in English that are necessary for daily living. Courses should be completed in sequential order.

Course #	Course Title/Name	Short Title	Core Subject	PEMIS # Type Test Given
3947A/B	Reading 1 ALT AB	READ 1 ALT A/B	Reading	3270700
3948A/B	Reading 2 ALT AB	READ 2 ALT A/B	Reading	3270800
3949A/B	Reading 3 ALT AB	READ 3 ALT A/B	Reading	3270900
3950A/B	Reading 4 ALT AB	READ 4 ALT A/B	Reading	84000XXX
Proroquicito:	Eligible for significantly modified	curriculum and placeme	nt by APD com	mittee and incorporated into

Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee and incorporated into the ARD schedule page(s).

Grade Placement: 9 – 12+ Credit: 0.5 - 1

Basic strategies and skills that develop word recognition, fluency, and reading comprehension are taught. Courses should be taken in sequential order.

Course #	Course Title/Name	Short Title	Core Subject	PEIMS #	Type Test Given	
70597A/B	Algebra 1 ALT AB	ALG 1 ALT A/B	Algebra I	03100507	Alternate	
7061A/B	Geometry ALT AB	GEOM ALT A/B	Geometry	03100700	No EOC	
7063A/B	Math Models ALT AB	MTHMOD ALT A/B	Math Models	03102400	No EOC	
7065A/B	Algebra 2 ALT	ALG 2 ALT A/B	Algebra II	03100600	No EOC	
Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee and incorporated						

into the ARD schedule page(s). Grade Placement: 9 - 12 + Credit: 0.5 - 1

Basic functional skills in mathematics that are necessary for daily living are addressed. Courses should be taken in sequential order.

Course #	Course Title/Name	Short Title		<i>PEIMS #</i>	<i>Type Test Given</i>
75597A/B	Biology ALT AB	BIO ALT A/B		03010207	Alternate
7561A/B	Integrated Physics/Chemistry ALT AB	IPC ALT A/B		03060201	No EOC
7563A/B	Environmental Systems ALT AB	ENVIRSYS ALT A/B		03020000	No EOC
<b>7565A/B</b> Aquatic Science ALT ABAQUA SCI ALT A/BAquatic03030000No EOCPrerequisite:Eligible for significantly modified curriculum and placement by ARD committee and incorporated into the ARD schedule page(s).Grade Placement:9 - 12 +Credit:0.5 - 1					

Basic Science concepts that are necessary for daily living are addressed. Courses should be taken in sequential order.

Course #	Course Title/Name	Short Title	Core Subject	PEIMS #	Type Test Given		
8013A/B	World Geography ALT AB	W GEO ALT A/B	World Geography Studies		No EOC		
8015A/B	World History Studies ALT AB	W HIST ALT A/B	World History		No EOC		
80177A/B	United States History 1877 ALT AB	US HIST ALT A/B	United States History Studies 1877	03340107	Alternate		
8019T	United States Government ALT AB	GOV T	<b>Government (1 Semester Required)</b>		No EOC		
8021T	Economics ALT AB	ECOFE 1T	Economics (1 Semester Required)		No EOC		
Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee and incorporated into the ARD schedule page(s). Grade Placement: 9 - 12 + Credit: 0.5 - 1							

Basic social studies concepts that are necessary for daily living are addressed.

Course #	Course Title/Name	Short Title	Core Subject	PEIMS #	Type Test Given
5005T	Health Education ALT AB	HLTHED1 T	Health Education	03810100	
5007A/B*	Personal Health/Hygiene VAB	PHH 5A/B	Personal Health Hygiene	843000XXX	
5009A/B*	Personal Health/Hygiene VIAB	PHH 6A/B	Personal Health Hygiene	843000XXX	
5011A/B*	Personal Health/Hygiene VIIAB	PHH 7A/B	Personal Health Hygiene	843000XXX	
5013A/B*	Personal Health/Hygiene VIIIAB	PHH 8A/B	Personal Health Hygiene	843000XXX	

Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee and incorporated into the ARD schedule page(s). \*For post-secondary students only. Grade Placement: 9 - 12 +Credit: 0.5

Basic skills that are necessary to maintain health and personal hygiene are addressed.

Course #	Course Title/Name	Short Title	Core Subjects	PEIMS #	Type Test Given			
5063A/B	Activities of Daily Living IVAB	ADL 4A/B	Activities of Daily Living	85000XXX				
5065A/B	Activities of Daily Living VAB	ADL 5A/B	Activities of Daily Living	85000XXX				
5067A/B	Activities of Daily Living VIAB	ADL 6A/B	Activities of Daily Living	85000XXX				
5069A/B	Activities of Daily Living VIIAB	ADL 7A/B	Activities of Daily Living	85000XXX				
5071A/B	Activities of Daily Living VIIIA	ADL 8A/B	Activities of Daily Living	85000XXX				
Prerequisite: Eligible for significantly modified curriculum and placement by ARD committee and incorporated								
into the ARD s	chedule page(s).							
Grade Placeme	ent: 9 - 12 + Credit: Local							

Self-help skills necessary for success in life are addressed. Focuses on training for maximum independence and provides instruction in concepts and skills needed to keep house, including cleaning skills, shopping, clothing care, preparing simple snacks and meals, and table setting. Also includes grounds maintenance skills and safety skills in all areas.

Cour	rse #	Course Title/Name	Short Title	Core Subjects	PEIMS #	Type Test Given
5073	3A/B	<b>Recreation/Leisure IVAB</b>	RECL 4A/B	<b>Recreation/Leisure</b>	84200XXX	
5075	5A/B	Recreation/Leisure VAB	RECL 5A/B	<b>Recreation/Leisure</b>	84200XXX	
5077	7A/B	Recreation/Leisure VIAB	RECL 6A/B	<b>Recreation/Leisure</b>	84200XXX	
5079	9A/B	Recreation/Leisure VIIAB	RECL 7A/B	<b>Recreation/Leisure</b>	84200XXX	
5081	1A/B	Recreation/Leisure VIIIAB	RECL 8A/B	<b>Recreation/Leisure</b>	84200XXX	
Prerequis	site: El	igible for significantly modified of	curriculum and pla	cement by ARD con	nmittee and in	corporated into
the ARD	schedu	ule page(s).	·	2		
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Grade Placement: 9 – 12 Credit: Local

Provides job related training in socially appropriate behaviors for lifetime leisure activities in the community.

### FW Bridges and other Vocational Adjustment Cooperative Program

Course #	Course Title/Name	Short Title	Core Subjects	PEIMS # Type Test Given		
0855A/B	Career Exploration and Development IAB	CED 1A/B	Career Exploration/Development	85000XXX		
0857A/B	<b>Career Exploration and Development IIAB</b>	CED 2A/B	Career Exploration/Development	85000XXX		
Prerequisite: Placement of ARD Committee						
Grade Placen	nent: 9 – 12 Credit: Local					

Students receive classroom instruction that is designed to prepare them for successful work experiences and explore career clusters. Student interests, preferences, and aptitudes will be evaluated to help determine appropriate job placements. Classroom instruction includes, but is not limited to, job search techniques, completion of job applications, interview techniques, appropriate work attire, work-related attitudes, communication skills and conflict resolution. CED2AB may be taken for local credit only.

Course #	Course Title/Name	Short Title	Core Subjects	PEIMS #	Type Test Given
0865A/B	Vocational Adjustment Cooperative IIAB	VAC 2A/B	<b>Vocational Adjustment Cooperative</b>	85000XXX	
0867A/B	<b>Vocational Adjustment Cooperative IIIAB</b>	VAC 3A/B	<b>Vocational Adjustment Cooperative</b>	85000XXX	
0877A/B	<b>Vocational Adjustment Cooperative IVAB</b>	VAC 4A/B	<b>Vocational Adjustment Cooperative</b>	85000XXX	
0887A/B*	Vocational Adjustment Cooperative VA	VAC 5A/B	Vocational Adjustment Cooperative	85000XXX	
Prerequisite:	Placement of ARD Committee; 0855 Car	eer Explorat	ion and Development 1A/B		
Grade Placen	nent: 9–12+ Credit: Local				

These courses are designed to provide Special Education support and related services to students who are employed with regularly scheduled direct involvement by special education personnel. Students continue to work on general and specifically applicable employability skills that support their progress on the IEP goals and objectives, which are adopted by the ARD committee. Each course is for three periods and receives 1.5 credits. To ensure continual development of independent work skills, the vocational adjustment coordinator maintains a regular visitation schedule to observe students at work. \*Continues the development of independent work skills as described for VAC II-V and completes preparation for graduation. Students should be enrolled in VAC VB during the last semester immediately preceding graduation; this enrollment will signal the placement of the graduation\*.

# **Basic Supported Employment/JOB PREP/LIFT Options**

Course #	Course Title/Name	Short Title	Core Subjects	PEIMS #	Type Test Give
0843A/B	Community Life Skills IVAB	COMSK 4A/B	<b>Community Skills IV</b>	85000XXX	
0847A/B	Community Life Skills VAB	COMSK 5A/B	Community Skills V	85000XXX	
0849A/B	Community Life Skills VIAB	COMSK 6A/B	Community Skills VI	85000XXX	
0851A/B	Community Life Skills VIIAB	COMSK 7A/B	Community Skills VII	85000XXX	
0853A/B	Community Life Skills VIIIAB	COMSK 8A/B	<b>Community Skills VIII</b>		
Prerequisite:	Placement by the ARD committee		,		
	ent: 9 – 12 + Credit: Local				

Maximize independence by accessing community resources/agencies and classroom instruction in order to develop money management skills, personal communication and use of public transportation. These numbers describe Basic Supported Employment, but might also be used secondarily to describe Job Prep completion.

Job PREP / Basic Supported Employment

Course #	Course Title/Name	Short Title	Core Subjects	PEIMS # Type Test Give
0811A/B	Occupational Exploration IAB	OCEXP 1A/B	Occupational Exploration I	85000XXX
0813A/B	Occupational Exploration IIAB	OCEXP 2A/B	Occupational Exploration I	I 85000XXX
0815A/B	Occupational Exploration IIIAB	OCEXP 3A/B	Occupational Exploration I	II 85000XXX
0817A/B	Occupational Exploration IVAB		Occupational Exploration I	
0819A/B	Occupational Exploration VAB		Occupational Exploration	
Prerequisite:	Placement by the ARD Committee	-	• •	
	ient: 9 – 12+ Credit: Local			

Provides a transition training program prior to placing students in a work setting. These courses include assessment of the students' abilities and simulated work experience with specific training activities necessary to expedite acquisition of new skills, increasing production rate, and appropriate work behaviors. These numbers describe Job PREP, but might also be used secondarily for Basic Supported Employment Completion.

Course #	Course Title/Name	Short Title	Core Subjects	PEIMS #	Type Test Given
0835A/B	Institutional Home Management IAB	ISHMMGT 1A/B	Inst Home Management I	85000XXX	
0837A/B	Institutional Home Management IIAB	ISHMMGT 2A/B	Inst Home Management II	85000XXX	
0839A/B	Institutional Home Management IIIAB	ISHMMGT 3A/B	Inst Home Management III	85000XXX	
0841A/B	Institutional Home Management IVAB	ISHMMGT 4A/B	Inst Home Management IV	85000XXX	
Prerequisite:	Placement by ARD Committee		-		
Grade Placen	nent: 9 – 12 Credit: Local				

Focuses on training for maximum independence and provides instruction in concepts and skills needed to keep house, including cleaning skills, shopping, clothing care, preparing simple snacks and meals, and table setting. Also, includes grounds maintenance skills and safety skills in all areas. **SPED Administrator approval required.** 

Course #	Course Title/Name	Short Title	Core Subjects	PEIMS #	Type Test Given
0889A/B	<b>Community Intern Partnership Program IAB</b>	CIPP 1A/B	<b>Community Intern Partnership</b>	85000XXX	
0891A/B	Community Intern Partnership Program	CIPP 2A/B	Community Intern Partnership	85000XXX	
	IIAB				
Prerequis	site: Placement of the ARD Community				

Grade Placement: 12+ Last year in High School

Credit: Local

A one-year high school intern transition program which provides students training and education leading to employment. The intern (student) attends a community-based worksite and earns local high school credits. The program serves as a workplace alternative for interns (students) during their last year in high school. Interns (students) continue to work on general applicable transferable employability skills that support their post-secondary goals, objectives and progress on the IEP. *Each course is for three periods. (All local credits)* 

# FWISD – EXPANCO and other Community-Based Transition Training Programs

Course #Course Title/NameShort TitleCore SubjectPEIMS #Test Type Given0845A/BIndividualized Work Opportunities IA/BINDWRKOP 1ABIndividualized Work Opportunities I85000XXXPrerequisite: Placement of ARD CommitteeGrade Placement:11 – 12Credit: Local11 – 12

Provides training in vocational skills orientation for students who exhibit substantial limitations in functioning. The vocational skills consist of production line work, basic academics, personal and social development, and recreation.

Course #	Course Title/Name	Short Title	Core Subject	PEIMS #	Test Type Given
0846A/B	Individualized Work Opportunities 2A/B	NDWRKOP2A/B	Individualized Work opportunities	85000XXX	3 class periods
0848A/B	Individualized Work Opportunities 3A/B	INDWRKOP3A/B	Individualized Work opportunities	85000XXX	3 class periods
0850A/B	Individualized Work Opportunities 4A/B	INDWRKOP4A/B	Individualized Work opportunities	85000XXX	3 class periods
0852A/B	Individualized Work Opportunities 5A/B	INDWRKOP5A/B	Individualized Work opportunities	85000XXX	3 class periods
0858A/B	Individualized Work Opportunities 6A/B	INDWRKOP6A/B	Individualized Work opportunities	85000XXX	
0859A/B	Individualized Work Opportunities 7A/B	INDWRKOP7A/B	Individualized Work opportunities	85000XXX	
0860A/B	Individualized Work Opportunities 8A/B	INDWRKOP8A/B	Individualized Work opportunities	85000XXX	
0861A/B	Individualized Work Opportunities 9A/B	INDWRKOP9A/B	Individualized Work opportunities	85000XXX	
Prerequisite	<ul> <li>Placement by ARD Committee; 0845 li</li> </ul>	ndividualized V	Vork Opportunities Orientatio	n (may be er	nrolled
currently.	-			-	

Grade Placement 11 – 12+ Credit: Local

Provides training in vocational skills for students who exhibit substantial limitations in function. The program consists of supervision and instruction in production line work, basic academics, personal and social development, and recreation. This program operates under the guidelines of the Texas Education Agency. When students achieve the desired criteria, efforts are made to place them in competitive employment. This course may be used for other programs when necessary.

# Step Beyond Program and other College Related Programs

Course #	Course Title/Name	Short Title	Core Subject	PEIMS	Test Type Given
0677A/B	General Employability Skills A/B	GEMPLS Ge	neral Employability Skills	N1270153	
Prerequisite	: Placement by ARD Committee				
Grade Place	ment: 11 – 12 Credit: 1 (sta	te elective credi	t)		
			-		

Eligible students will acquire skills leading to successful job acquisition and maintenance by mastering workrelated, decision making, team work development, job seeking and retention skills. This innovative course is taught in conjunction with community college partnerships, and is designed to guide students through developing skills that are transferrable to a variety of jobs and careers.

 Course #
 Course Title/Name
 Short Title
 Core Subject
 PEIMS
 Test Type Given

 0675A/B
 Methodology for Academic and Personal Success IA/B
 MAPS 1
 Methodology Academic Personal Success I
 N1130021

 Prerequisite:
 Placement by ARD Committee
 Grade Placement: 11 – 12
 Credit: 1 credit (state elective credit)
 Vertice

Eligible students will explore options available in the world of work and develop strategies and skills needed to achieve personal and professional goals. This innovative course is to be offered in a community college setting to age and grade appropriate students seeking vocational certification or certificates of training.

# College Transition-Inclusion

Course #Course Title/NameShort TitleCore SubjectPEIMSTest Type Given0854A/BCollege Transition A/BCLGTRN A/BCollege TransitionN1290050Prerequisite:Upper level high school students with special needs exploring future college studiesGrade Placement:11 – 12Credit:1 (state elective credit)

College Transition is a general education elective and innovative course available to upper level high school students. It is designed to equip students with the knowledge, skills and abilities necessary to be active and successful learners in both high school and college. The curriculum addresses the basic steps for entering college including college options, assessments, and admissions, building orientation, services and support, as well as provides preparation for academic content in higher education.

The following additional innovative courses are to be offered as electives on participating high school and/or college campuses.

Course #	Course Title/ Name	Short Title	PEIMS
0856 A/B	Path College Career IA/B	PATHCC1	N1290051
0862 A/B	Path College Career IIA/B	PATHCC2	N1290052
0863 A/B	Path College Career IIIA/B	PATHCC3	N1290053
0864 A/B	Path College Career IVA/B	PATHCC4	N1290054

The Path-College/Career/Prep courses advance intellectual curiosity, conscientiousness, dependability, emotional stability, and perseverance through tasks that foster deeper levels of thinking and reasoning in the four core content areas. Teaching expectations for these innovative courses focus on developing the habits and skills that are expected in college study and the workforce.

Course #	Course Title/ Name	Short Title	PEIMS
0665 T	Peer Assistance for Students with Disabilities I T	PASWD1	N1290203
0667 T	Peer Assistance for Students with Disabilities II T	PASWD2	N1290204

Peer Assistance for Students with Disabilities is a state-approved innovative course designed to promote an inclusive educational environment for special education students. Peer assistants assist teachers in general education and/or in special education settings by helping to facilitate including students in appropriate curricular activities designed by instructional staff.

Course #	Course Title/ Name	Short Title	PEIMS			
0810 T	Community Transportation	COMTRNS T	N1304660			
The purpose o	The purpose of this course is to introduce knowledge and skills to empower students to research and access public					
transportation	transportation options in their respective communities. Areas to be addressed include pedestrian and rider safety,					
navigating public transportation systems, use of technology, and general social skills, including self-advocacy, self-						
assertiveness, and transportation etiquette.						

Course #	Course Title/ Name	Short Title	PEIMS				
9101AB	Braille Reading and Writing AB	BRAILLE	N1100505				
The purpose	The purpose of this course is to provide instruction in Pre-Braille skills, tactual discrimination, the reading and writing						
of the Braille code and the development of efficient Braille Reading including fluency and comprehension. This course							
will emphasize the conventions and mechanics of braille as well as facilitate and support tasks completed in all subject							
areas.	areas.						

Course #Course Title/ NameShort TitlePEIMSTest Type Given9102ABNavigating Life for students who are Deaf or Hard of HearingNAVLOSSN1290330

The purpose of this course is to provide the necessary information, resources, and opportunities that will empower students who are deaf or hard of hearing to effectively apply information and skills learned in educational, home, and community settings in ways that facilitate achievement in secondary and post-secondary environments. This course will emphasize the following areas: Audiology, Hearing Health, Assistive Technology, Support Services, Accommodations, Communication, Self-Determination and Advocacy, as well as Deaf Culture.



For more resources related to graduation for students with disabilities, visit <u>https://www.livebinders.com/play/play?id=2324617&present=true</u> *The following Graduation Code Charts are credited to Region 7 ESC.* 

# **Graduation Options §89.1070. Graduation Requirements**

Graduation Codes for Special Education Eligible Students

**Chart 1-** Special Education Eligible Students who entered Grade 9 **during** the 2014-2015 and thereafter may be awarded a regular high school diploma if one of the following conditions are met.

Grad Code	89.1070 subsection	Plan	Credits Requirements	Modified Curriculum	State Assessment	The student must also successfully complete the student's individualized education program (IEP) and meet one of the following
34	�(b)(1)	FHSP	Met	No	Met Standard on state assessment or passed 3 out of 5	conditions:
35	�(b)(1)	FHSP	Met	No	Participated - ARD may determine not necessary for graduation	
54†	<b>*</b> (b)(2)A	FHSP	Met	1 or more core class	Met Standard or Participated - ARD may determine not necessary for graduation	Obtained full-time employment AND sufficient self-help skills to enable the student to maintain the employment without direct and ongoing educational support of the local school district
55†	<b>*</b> (b)(2)B	FHSP	Met	1 or more core class	Met Standard or Participated - ARD may determine not necessary for graduation	Demonstrated mastery of specific employability skills and self-help skills that do not require direct ongoing educational support of the local school district
56	<b>*</b> (b)(2)C	FHSP	Met	1 or more core class	Met Standard or Participated - ARD may determine not necessary for graduation	Access to services that are not within the legal responsibility of public education or employment Or educational options for which the student has been prepared by the academic program
57	*(b)(2)D	FHSP	Met	1 or more core class	Met Standard or Participated - ARD may determine not necessary for graduation	Completion of IEP and reached age 22

(a) Graduation with a regular high school diploma under subsections (b)(1), (b)(2)(D), (g)(1), (g)(2), (g)(3), or (g)(4)(D) of this section terminates a student's eligibility for special education services under this subchapter and Part B of the Individuals with Disabilities Education Act and entitlement to the benefits of the Foundation School Program, as provided in Texas Education Code (TEC), §42.003(a).

\* If student returns through 89.1070 (k) after graduating and receiving a diploma, a new leaver code does NOT need to be submitted when the student exits again after returning through 89.1070 (k).

<sup>+</sup> Counts toward CCMR (College Career or Military Ready). Remember, modified content, if ARD determines it is substantially rigorous, can be allowed for endorsement credit.

				Completion	
Program	Grades	Pre-requisites	<b>Notes</b> Offered three periods	Track	Courses Prescribed
Job Prep	Grades 11-12	Completion of academic cores for grades 9 and 10 (required); ARD Placement	daily at FWISD Transition Center at Blvd. Heights; typically, a two-year exploratory work preparation program. Students should be 16 years of age, and, able to follow directions and demonstrate an understanding of safety skills in a work environment.	EXPANCO; VAC; LEAP; Project Search followed by graduation	OCCEXP 0811 IA/B, OCCEXP 0813 IIA/B, OCCEXP 0815 IIIA/B, OCCEXP 0817 IVA/B, OCCEXP 0819 VA/B, COMMSK 0843 IVA/B, COMMSK 0847 VA/B, COMMSK 0851 VIIA/B, COMMSK 0853 VIIIA/B
Life Education and Preparation (LEAP)	Grade 12+	Completion of academic requirements for grades 9 through 12 (required); ARD Placement	Full day placement with focus on vocational skills, independent access to public transportation, and life management skills. Competitive employment is anticipated within three years of program placement.	Graduation or Separation from district with goal of competitive placement	Courses and other appropriate choices from the ADL, RECL, and OCC EXP blocks. Last options to be taken from the INDWRKOP series. Community Transportation
Life Instruction and Functional Training (LIFT)	Grade 12+	Completion of academic requirements for grades 9 through 12 (required); ARD Placement	Full day program with instructional focus on vocational skills, community access skills and home living skills. Basic supported employment anticipated upon completion of this program, which commonly spans three years.	Graduation or Separation from district followed by supported employment in the community	COMMSK 0843 IV A/B, COMMSK 0847 VA/B, COMMSK 0849 VIA/B, COMMSK 0851 VIIA/B, COMMSK 0853 VIIIA/B; OCCEXP 0811 1A/B, OCCEXP 0813 IIA/B, OCCEXP 0815 IIIA/B, OCCEXP 0817 IVA/B, OCCEXP 0819 VA/B and other appropriate choices from the ADL, RECL, and OCC EXP blocks.
LIFE (LEARNING IN FUNCTIONAL ENVIRONMENTS)	Grade 12+	Completion of academic requirements for grades 9-12 (required); ARD Placement	Full day program with instructional focus on developing functional skills related to independent living, self-advocacy, and connecting to agencies resources for support after graduation.	Graduation upon completion of IEP goals and access to agency resources.	PHH 5005 A/B PHH 5007 A/B, PHH 5009 A/B, PHH 50011 A/B, PHH 50013 A/B, ADL 5063 A/B, ADL 5065 A/B, ADL 5067 A/B, ADL 5069 A/B, ADL 5071 A/B, COMSK 0843 A/B COMSK 0847 A/B COMSK 0847 A/B COMSK 0849 A/B COMSK 0851 A/B COMSK 0853 A/B RECL 5073 A/B RECL 5075 A/B RECL 5077 A/B RECL 5079 A/B RECL 5079 A/B RECL 5081 A/B

				Completion	
Program	Grades	Pre-requisites	Notes	Track	Courses Prescribed
			Community-based,		
		Completion of	paid vocational		
		academic	program. Upon		
		requirements for	completion of post -		
		grades 9 through	secondary goals,		
		12 (required);	students in this		
		must be a present	program will typically continue with the		
		client or making application to	support of outside		
		outside agencies.	agencies, or may		
		Students must be	become employed		
		eligible for work	competitively. Students		
		as evidenced by	must hold a valid social		
		holding a valid	security card, I-9 work		
		Social Security	permit, or other		INDWRKOP 0845 1A/B,
		Card/I-9 work	appropriate	Graduation or	INDWRKOP 0846 IIA/B,
Individualized Work		permit, or other	government-issued	Separation from	INDWRKOP 0848 IIIA/B,
<b>Opportunities</b> @		appropriate	clearance for work.	district followed	INDWRKOP 0850 IV A/B,
EXPANCO		government-	Students must	by continued	INDWRKOP 0852 VIA/B,
(Advanced		issued clearance	demonstrate safety	supportive or	INDWRKOP 0857, INDWRKOP
Supportive	Grade	for work. ARD	skills in a work-based	competitive	0859, INDWRKOP 0860,
Employment)	12+	Placement	environment.	employment	INDWRKOP 0861
			Students must be in		
			their final year of		
			enrollment in high		
			school, have a social		
			security card and be		
		Completion of academic	DARS eligible. Selection Committee		COMMUNITY INTERN PARTNERSHIP PROGRAM
		requirements for	process in effect with	Graduation	0889 IA/B, 0891 IIA/B; CED
		grades 9 through	ARD approval of	followed by	0855 AB and CED 0856L
	Grade	12 (required);	recommendation for	competitive	Community Transportation
Project Search	12+	ARD Placement	placement.	employment	Elective
		Completion of	pracementa	emptoyment	
		core requirements			
		and electives			
		through grade 11.			
		Students must be			
		eligible for work			
		as evidenced by			
		holding a valid			
		Social Security	Students must be able		
		Card/I-9 work	to access reliable		
Ford Words Date		permit, or other	transportation and hold		Community Transportation
Fort Worth Bridges		appropriate	soft skills, as well as	Craduation	Elective,
and other Vocational	Grade 12	government- issued clearance	direct skills, needed to obtain and to maintain	Graduation	CED 0855 1A/B, CED 0856 2 A/B, VAC 0865 IIA/B, VAC
Adjustment	or Grade 12	for work. ARD	optain and to maintain competitive	followed by competitive	0867 IIIA/B, VAC 0865 IIA/B, VAC
Cooperative (VAC)	12+	Placement	employment.	employment	VAC 0887 VA/B
Cooperative (VAC)	12+	i acement	employment.	employment	

To assist the persons responsible on your campus for scheduling students served in Special Education and taking the STAAR-EOC state assessment, the Special Education Department created the following five scenarios. Each scenario describes a possible Special Education student, with his/her respective instructional setting and state assessment. The Texas Education Agency is requiring that each Special Education student be enrolled in a course number that is aligned to the respective PEIMS number, according to the type of EOC assessment each student takes (e.g. regular or alternate).

If you have any questions, please do not hesitate to contact the Special Education Department at 817.814.2830.

# Interactive Link to determine Graduation Codes and CCMR Codes

**Updated Spring 2022** 

https://4.files.edl.io/f074/02/07/22/204402-1a3a346e-6e8f-459b-bf18-ff610410970d.pdf

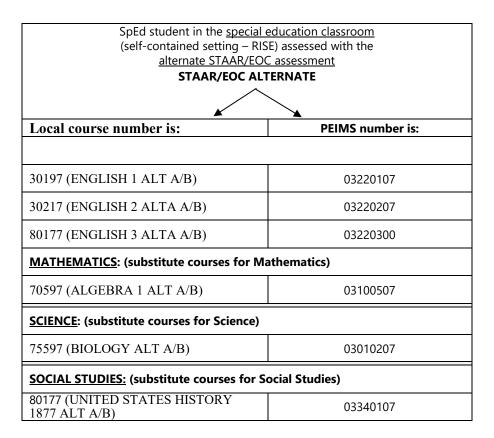
# **SCENARIO 1**

Special Education (Sp. Ed) student assessed with the STAAR/EOC assessment.

Sp. Ed student assessed with the <u>STAAR/EOC assessment (Can be General ED</u> or Special ED setting STAAR/EOC				
Local course number is: PEIMS number is:				
<u>ELA</u> :				
3011 (ENG IA/B)	03220100			
3031 (ENG IA/B) (Resource Setting)	03220100			
3013 (ENG IIA/B)	03220200			
3033(ENG IIA/B) Resource Setting) 03220200				
MATHEMATICS:				
7051 (ALG IA/B) (General ED Setting)	03100500			
7042 (ALG IA/B) (Resource Setting)	03100500			
<u>SCIENCE:</u>				
7572 (BIO A/B) (General ED Setting) 03010200				
SOCIAL STUDIES:				
8056 (USHISTSSR A/B) General ED Setting)	03340100			

# **SCENARIO 2**

Sp. Ed student instructed in the special education classroom (self-contained setting – RISE) and taking the alternate STAAR/EOC Alternate assessment



# **Course Substitutions**

There should not be any course substitution for the Foundation program. For some students, fulfilling the requirements of the Foundation program may not be possible in the same manner as other students without disabilities. The ARD committee will determine if a child cannot complete the Language Other than English (LOTE) or Physical Education (PE) requirements.

A credit allowed to be substituted for the LOTE or PE credits may NOT be used to satisfy any other graduation credit requirement.

# Options for Languages Other Than English (TEC 28.025 (b-14) (1))

- After completing the first language course, if it appears a child cannot successfully complete a second year, they may take a course in a second language, a Special Topics in Language/Culture Course, another computer programming course, or take World History Studies or World Geography;
- Substitute two courses from English, math, science, or social studies; or
- Substitute two courses in career and technology education (CTE) or technology applications.

FOREIGN LANGUAGE	2 credits in a foreign language (including ASL) or 2 credits in computer programming language For students with disabilities, there are a variety of options:
TEC 28.025(b-14)(1)	<ol> <li>After completing the first language course, if it appears they cannot successfully complete a second year - they may to take a course in a second language, a Special topics in Language/Culture course, another computer programming course or take World History Studies or World Geography Studies.</li> </ol>
	<ol> <li>Substitute two courses from english, math, science or social studies.</li> </ol>
	<ol> <li>Substitute two courses in career and technology education (CTE) or technology applications.</li> </ol>
	Either the ARD Committee or the 504 Committee will determine if the student cannot complete the Language other than English (LOTE) requirements.
	A credit allowed to be substituted LOTE credit may NOT be used to satisfy any other graduation credit requirement

# Options for Physical Education (TEC 28.024 (b-11))

- One credit in English Language Arts, mathematics, science, or social studies
- A locally designed course that meets the state criteria for substitution under state law, or
- One academic credit elective for the physical education requirement if the ARD committee determines that your child is unable to participate in physical activity.

