

EDUCATIONAL PLANNING GUIDE

2020

2021





Carrollton-Farmers Branch Independent School District

1445 North Perry Road
Carrollton, TX 75006

John E. Chapman III, Ed.D.
Superintendent of Schools

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Dear CFBISD Families,

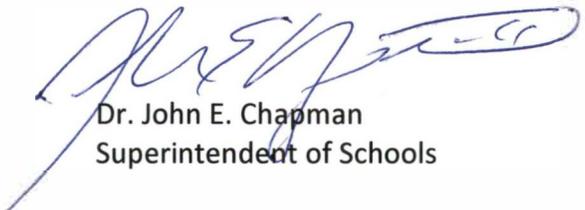
I want to welcome each and every one of you to a new school year. This time of year is filled with excitement, anticipation, and hope. Our team of teachers, administrators, custodians, student nutrition workers, and staff have worked diligently to prepare our campuses for a wonderful new year of learning.

We will work together every day to provide a safe, welcoming environment for your child to learn, grow, and exceed expectations. Together, we will provide a vast array of opportunities to meet your child's individual needs so he or she can succeed at the highest level. That is the CFB way.

*Forget all the reasons why it won't work,
and believe the one reason it will! --Anonymous*

Thank you for choosing CFBISD for your child. Together we can make this the best year ever for our students. Our future is bright in CFBISD, and that future begins today!

Sincerely,



Dr. John E. Chapman
Superintendent of Schools



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DISCRIMINATION DISCLAIMER

Carrollton-Farmers Branch Independent School District does not discriminate on the basis of race, religion, color, national origin, sex or disability in providing education or providing access to benefits of education services, activities, and programs, including career and technology programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended; and Title II of the Americans with Disabilities Act.

TEACHING AND LEARNING

Advanced Academic Services/World Languages	Kathryn Schaeffer, Ed.D.
Assessment and Accountability	Patricia Parker, Ed.D.
College and Career Readiness	Jo Gillen
Digital Learning	Robin Stout, Ed.D.
Elementary Bilingual/ESL Instructional Services	M. Carolina Christiansen
Elementary Language Arts	Susan Kelly
Elementary Mathematics	Karen Spalding
Fine Arts	Brett Farr
Health, Physical Education, Athletics	Michael Ramirez
Health, Physical Education, Athletics	Renee Putter
Language Arts Research and Assessment	Shirley Wright, Ed.D.
Science	Susan Shipp
Secondary Bilingual/ESL Instructional Services	Olivia Perez
Secondary Language Arts	Erica Ysbrand
Secondary Mathematics	Tanya Garvey
Social Studies	Pier Larsen
Special Education	Randi Wells

HIGH SCHOOL PRINCIPALS

Creekview High School	Joe LaPuma
Early College High School	Timothy Isaly
Newman Smith High School	Stephanie Jimenez, Ed.D.
R.L. Turner High School	Brooke Hall
Ranchview High School	Sherie Skruch
Bea Salazar	Melissa Wesley
Mary Grimes Education Center	Melissa Wesley

VALUE STATEMENTS

CFBISD BELIEVES IN....

- Excellence in ALL learning opportunities
- Respecting differences by embracing diversity
- A growth mindset for students, faculty, and staff
- Ongoing partnerships with the community
- Support & love of the whole student

THE MISSION

The **Mission** of CFBISD, a diverse community of global learners, is to empower scholars to acquire life-long knowledge, skills, and values that prepares them to compete in the world marketplace while contributing to their community.

THE VISION

CFBISD will be an exceptional learning community where all graduates impact and excel in a complex, interconnected, and ever-changing world.

THE MOTTO

High Expectations for ALL

GUIDING OBJECTIVES

1. Optimize engaging & diverse learning
2. Optimize facility, safety, and security & infrastructure to be adaptable to student needs
3. Optimize community engagement
4. Optimize social emotional health of all students
5. Optimize all available resources

EDUCATIONAL PLANNING GUIDE
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The Texas Legislature will meet in 2020. Consequently, laws and/or requirements may result that would render the procedures in this document obsolete. If this occurs, the campus staff will have the most current laws and/or requirements to inform parents and students as they use this document as a guide.

GENERAL INFORMATION

To ensure involvement, parents are expected to work with their child and school personnel on course selection. Parents should sign approval for their student's choice of courses. Be aware that, because this material is published early in the preceding school year, some changes in procedures, policy, or course offerings may be required.

Enrollment Requirements

Students who meet the criteria for residency in the district may enroll in school. (For further information, see Admissions in the [Student Handbook](#).)

Graduation Requirements

All students shall meet state and local requirements for graduation. CFB requires students to earn 26 credits to graduate.

To receive a high school diploma, students are also required to obtain satisfactory scores in 5 state-mandated end-of-course (EOC) assessments.

The 5 EOC assessments are:

English Language Arts	Mathematics	Science	Social Studies
English I English II	Algebra I	Biology	US History

Accelerated Instruction for End of Course (EOC) assessments

A summer school program is available for students who do not meet the passing criteria on EOC assessments established by the Texas Education Agency (TEA). Students will be provided accelerated instruction at no cost to the student.

STAAR-EOC Alternate2 (STAAR-ALT2)

STAAR-ALT2 is an alternate assessment designed for students with significant cognitive disabilities who receive instruction in an alternate curriculum through special education. The Admission, Review, and Dismissal (ARD) Committee will determine if the student meets the state participation requirements for the STAAR-ALT2 assessment.

For additional information regarding State Assessment Resources, please visit <http://texasassessment.com/>.

Honor Graduates

To be eligible for valedictory, salutatory, or top ten student honors, a student shall have attended high school in the District continuously for two school years, commencing with enrollment no later than the end of the last Friday in September of the student's junior year, until graduation.

Honor graduates shall be determined by academic grade points, which shall be calculated as specified at CALCULATION OF GRADE POINTS FOR CLASS RANKING. The valedictorian, salutatorian, and honor graduates shall be determined by their rank in class, and academic grade points shall be calculated at the end of the third nine weeks of their senior year. Honor graduates may be designated as the top ten percent of the students in the graduating class, with any variation at the discretion of the principal with central office approval. Honor graduates must have completed the Recommended or Advanced/Distinguished Achievement Program for graduation.

Early Graduation

A junior shall be eligible for reclassification as a senior if the student has developed a plan with his/her counselor to satisfy **ALL** requirements for graduation by the end of the student's third year in high school. The student shall be reclassified by the end of the school start window (last Friday of September). Upon reclassification, an early graduate shall not displace a senior in class rank but shall be placed equivalently in the senior class rank as determined by the student's weighted numeric average.

Senior Out Period Criteria

Students of the Carrollton-Farmers Branch Independent School District shall be enrolled during the designated daily attendance period and fulfill the following attendance requirements.

FRESHMEN, SOPHOMORES, AND JUNIORS

- Must be enrolled on campus for a full schedule
- No release time except as provided in administrative procedures

SENIORS

- With parent permission and administrative approval, seniors may have one period out if they are on track for graduation
- Out periods for seniors are scheduled at the beginning and/or end of the school day. Students enrolled in Career Technology Education Career Prep classes will receive additional release time to report to work.

Earning Credits that Meet Graduation Requirements

Awarding of Credit

GRADE LEVEL CLASSIFICATION		
GRADE	CLASSIFICATION	CREDITS
9 th	Freshman	0-5½ Credits
10 th	Sophomore	6-11½ Credits
11 th	Junior	12-18½ Credits
12 th	Senior	19+

Reclassification of grade levels is made at the beginning of each school year. Students who have not been promoted to a higher grade due to lack of credits may be eligible for reclassification at the end of the first semester.

Students are classified according to the number of credits they have earned.

High School Courses Taken Prior to Grade 9

Grades awarded for high school credit taken prior to grade 9 shall be included in the grade average or GPA and shall be used to determine high school rank in class.

Minimum Attendance for Class Credit

Students must be in attendance at least 90% of the time a class is in session to receive credit. (Texas Education Code 25.092) The actual number of days a student must attend in order to receive credit will vary, depending on the number of days in the semester. A student who attends fewer than 90% of the days the class is offered cannot receive credit for the class unless the Attendance Committee finds that the absences are the result of extenuating circumstances.

Schedule Changes

Changes in a schedule or a course may be made only on the published days before the start of the semester. Requests for schedule changes may be honored for the following reasons:

1. Error in scheduling;
2. Student failure in a prerequisite;
3. Change in program (athletics, band, choir, etc.); and
4. Level changes as recommended by teachers and counselor with parental knowledge and administrative approval.
5. Requests not meeting the listed reasons will not be considered. It should be understood that a schedule change to help balance a classroom enrollment will be done as needed. Appeals on schedule changes will not be heard beyond the building principal.

Correspondence Courses

Correspondence courses may be taken for first time credit or credit recovery with approval from the home campus. Credit to fulfill state graduation requirements may be granted for correspondence courses only under the following conditions:

1. The institutions offering the courses are the University of Texas at Austin, Texas Technological (TECH) University, or other public institutions of higher education approved by the Commissioner of Education.
2. Students may earn a maximum of three state-required credits through correspondence courses and may be enrolled in only one correspondence course at a time.
3. Grades earned from correspondence courses shall not be computed for determining class rank.

Additional Course Credit Options



Recovery Lab

Students may repeat a course for credit recovery using C-FB approved software on the high school campus. Administrative approval is needed for a student to recover a credit. Grades earned for completing courses with District approved software shall not be computed for determining class rank. **Courses taken in recovery lab are not accepted for NCAA eligibility.**

Summer School

A student may earn a maximum of ½ credit for each summer semester for a total of 1 credit in summer school.

Students may repeat any course offered in summer school when credit was not earned during the regular academic year. Students may take selected courses for acceleration according to summer school guidelines and administrative approval for foundation courses. There is an enrollment fee for most secondary CFB Summer Academic Courses. Course selection and enrollment is limited and contingent upon teacher availability.

Course selection and enrollment forms are available in the campus counselors' offices in the spring. Enrollment in any of CFB courses requires approval of the student's home campus, counselor, diagnostician, and/or principal.

Additional Guidelines:

- Dates, times, fees and locations of the CFB Summer School term are announced each spring.
- Registration for these courses is separate from regular school enrollment and is announced in the spring.

Night School Program

The district provides an opportunity for students to recover credit or earn credit in selected courses by attending evening classes. Courses follow a college course format of attending 3-1/2 hours per evening.

Additional Guidelines:

1. Students may pick up their registration form from their school counselor; the form must be signed by the counselor for admittance to the program.
2. Students must attend each evening that the class is scheduled to earn credit. A student is dropped after the second absence and tuition is not reimbursed.
3. Students must pay tuition to attend the CFB Night School.

Credit by Examination

Carrollton-Farmers Branch ISD offers two types of Credits by Exam (CBE): Credit by Exam for acceleration and Credit by Exam for course recovery.

Credit by Exam for Acceleration

A student in any grades 6-12 can earn credit for a course in which he or she has had no prior instruction if the student scores:

- Three or higher on an approved AP exam
- Scale score of 60 or higher on CLEP exam
- Minimum score of 80% on approved CBE

Credit by Exam for Course Recovery

A student in any grade 6-12 may be given credit for an academic subject in which he or she had some prior instruction if the student earns a minimum score of 70%.

What is considered prior instruction?

- A course taken and completed (evident by a grade recorded on transcript) but credit was not awarded due to failing grade or absence failure.
- A course taken from a non-accredited school
- A course taken at an equivalent agency from another state
- A course taken from an accredited association recognized by the Commissioner of Education

Additional Guidelines for CBE:

1. Administrative approval is needed for a student to take a Credit by Exam.
2. The first option for Credit by Exam is Texas Tech University or The University of Texas at Austin. Additional options for selected courses and Credit by Exam with prior instruction is a Board Approved CBE.
3. Grades earned for taking Credit by Exam courses shall not be computed for determining class rank but do appear on the student transcript.
4. A student may attempt to earn credit by examination for a specific high school course no more than two times. The second attempt for a CBE cannot occur within the same three month testing window as the first administration.
5. Students are expected to review the course study guides on the university websites prior to testing as some content areas, such as English Language Arts, have pre-exam activities or reading assignments that must be completed outside of the testing environment before taking the Credit by Exam.
6. CBE for remediation is not accepted for NCAA eligibility.

TAC states that CBE testing is scheduled a minimum of three days during each of the following calendar dates:

- January 1- March 31
- April 1-June 30
- July 1-September 30
- October 1-December 31

Carrollton-Farmers Branch ISD

Graduation Plan for Students Entering High School

During the 83rd Texas Legislature, House Bill 5 was signed into law, which changed high school graduation requirements for high school students entering 9th grade, beginning with the 2014-2015 school year. It established one graduation plan – Foundation High School Program (FHSP) – with opportunities to earn endorsements and performance acknowledgements.

Below is a snapshot of the new graduation requirements. C-FBISD will provide a detailed high school course description guide, the Educational Planning Guide, to further assist with course selection and graduation planning.

Foundation PLUS Endorsement(s) 26 credits	Distinguished Level of Achievement 26 credits	Performance Acknowledgements
<p>4 credits English-ELA I, II, III, one credit in any authorized advanced English course</p> <p>4 credits Mathematics-Algebra I, Geometry, two credits in any authorized advanced course</p> <p>4 credits Science-Biology, at least one of IPC, Chemistry, or Physics and advanced Science courses</p> <p>4 credits Social Studies+ World Geography, World History (local requirement), U.S. History, U.S. Government (.5 credit), Economics (.5 credit)</p> <p>2 credits World Language or Computer Programming</p> <p>1 credit Physical Education</p> <p>1 credit Fine Arts</p> <p>5.5 credits in Electives-may include CTE or certification courses to satisfy endorsement requirements</p> <p><u>Additional Local Requirements:</u></p> <p>.5 credit Health</p> <p>1 credit Social Studies World History+</p> <p>+One locally required credit in Social Studies is included in the total of 4 Social Studies credits.</p> <p>-----</p> <p><small>*Foundation Plan WITHOUT endorsement allows for: 4 credits in English, 3 credits in Mathematics, 3 credits in Science, 2 credits in Social Studies, 2 credits in World Languages, 1 credit of Physical Education, 1 credit of Fine Arts, 0.5 Health, 1 World History, 0.5 Government, 0.5 Economics and 3.5 electives.</small></p>	<p>4 credits English-ELA I, II, III, one credit in any authorized advanced English course</p> <p>4 credits Mathematics-Algebra I, Geometry, <u>Algebra II must be one of the math credits</u>, one credit in any authorized advanced course</p> <p>4 credits Science-Biology, at least one of IPC, Chemistry, or Physics and advanced Science courses</p> <p>4 credits Social Studies+ World Geography, World History (local requirement), U.S. History, U.S. Government (.5 credit), Economics (.5 credit), or Personal Financial Literacy (.5 credit)</p> <p>2 credits World Language or Computer Programming</p> <p>1 credit Physical Education</p> <p>1 credit Fine Arts</p> <p>5.5 credits in Electives-may include CTE or certification courses to satisfy endorsement requirements</p> <p><u>Additional Local Requirements:</u></p> <p>.5 credit Health</p> <p>1 credit Social Studies World History+</p> <p>+One locally required credit in Social Studies is included in the total of 4 Social Studies credits.</p>	<p>Dual Credit</p> <ul style="list-style-type: none"> 12 College Credit hours with a grade of 3.0 or higher, or <p>Bilingualism/Biliteracy</p> <ul style="list-style-type: none"> Complete all ELA requirements with a min GPA of 80 <p>And add one of the following:</p> <ul style="list-style-type: none"> 3 credits in the same World Language with a min GPA of 80 Pass Level 4 or higher World Language with a min GPA of 80 3 credits in World Language with a min GPA of 80 AP World Language score 3.0 or higher IB World Language score 4 or higher, or <p>ELL Student Only</p> <ul style="list-style-type: none"> Participate and meet exit criteria for a bilingual or ESL program Scored Adv high Level on TELPAS, or <p>AP/IB</p> <ul style="list-style-type: none"> Score 3 or above on an AP Exam Score 4 or above on an IB Exam (HL), or <p>College Entrance Exam</p> <ul style="list-style-type: none"> PSAT score of commended or higher College Benchmark score on two out of four exams on the ACT SAT 1250-Reading/Math combined ACT score of 28 w/o Writing, or <p>Business Industry/Certification</p> <ul style="list-style-type: none"> Obtain a business or industry certification

STEM	BUSINESS/INDUSTRY	PUBLIC SERVICES	ARTS/HUMANITIES	MULTIDISCIPLINARY STUDIES
<ul style="list-style-type: none"> Science, Technology, Engineering and Math (STEM) 	<ul style="list-style-type: none"> Agriculture, Food and Natural Resources Architecture and Construction Arts, A/V Technology and Communication Business, Management and Administration Finance Hospitality and Tourism Information Technology Manufacturing Marketing Transportation, Distribution and Logistics 	<ul style="list-style-type: none"> Education and Training Government and Public Administration Health Science Human Services Law, Public Safety, Corrections and Security 	<ul style="list-style-type: none"> Social Studies World Languages Fine Arts 	<ul style="list-style-type: none"> 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 this distinguished level of achievement.

STATE ASSESSMENTS REQUIRED FOR GRADUATION: English I, II; Algebra I; U.S. History; Biology. QUESTIONS? Contact your student's campus or visit www.tea.state.tx.us/graduation.aspx

Required Notification Regarding Algebra II as a High School Graduation Requirement

A student is not required by state law ([Texas Education Code, Section 28.025](#)) to successfully complete Algebra II as a requirement for high school graduation. However, there are potential consequences to a student who does not successfully complete an Algebra II course.

A student is eligible for automatic admission to a Texas public college or university as an undergraduate student if the student earned a grade point average in the **top 10 percent** of the student's high school graduating class or in the percentage of qualified applicants that are anticipated to be offered admission to The University of Texas at Austin*, and the applicant—

- successfully completed the requirements for the distinguished level of achievement under the foundation high school program at a public high school; or
- satisfied ACT's College Readiness Benchmarks on the ACT assessment or earned on the SAT assessment a score of at least 1,500 out of 2,400 or the equivalent.

A student may not earn the distinguished level of achievement or be eligible for automatic admission to a Texas public college or university as an undergraduate student if the student does not successfully complete high school Algebra II.

There are several state financial aid programs available for certain Texas public high school students. Certain state financial aid programs include curriculum requirements that should be considered when planning a student's high school career to ensure eligibility for financial aid under one of these programs. Please note that this is not a complete list of requirements and additional eligibility requirements apply. A full list of requirements is available through the Texas Higher Education Coordinating Board's (THECB) financial aid webpage at

<http://www.collegeforalltexas.com/apps/financialaid/tofa.cfm?Kind=GS>

For initial eligibility for a TEXAS grant, a student enrolling in an eligible institution must be a graduate of a public or accredited private high school in this state who completed the Foundation High School Program or its equivalent and have accomplished any **two or more** of the following:

- Successful completion of the course requirements of the International Baccalaureate diploma program or earning of the equivalent of at least 12 semester credit hours of college credit in high school through courses described in Texas Education Code (TEC), Sections 28.009(a)(1), (2), and (3)
- Satisfaction of the Texas Success Initiative (TSI) college readiness benchmarks prescribed by the THECB under TEC, Section 51.334 on any assessment instrument designated by the THECB or qualification for an exemption as described by TEC, Section 51.338(b), (c), or (d)
- Graduation in the top one-third of the person's high school graduating class or graduation from high school with a grade point average of at least 3.0 on a four-point scale or the equivalent
- Completion for high school credit of at least one advanced mathematics course following the successful completion of an **Algebra II** course or at least one advanced career and technical or technology applications course

Automatic College Admission

Students who graduate with a grade point average in the top of their high school graduating class may be eligible for certain privileges when applying to college.

Automatic Admission Requirements

In accordance with Texas Education Code (TEC), §51.803, a student is eligible for automatic admission to a Texas public college or university as an undergraduate student if the student earned a grade point average in the top 10 percent of the student's high school graduating class or in the percentage of qualified applicants that are anticipated to be offered admission to the University of Texas at Austin*, and the applicant

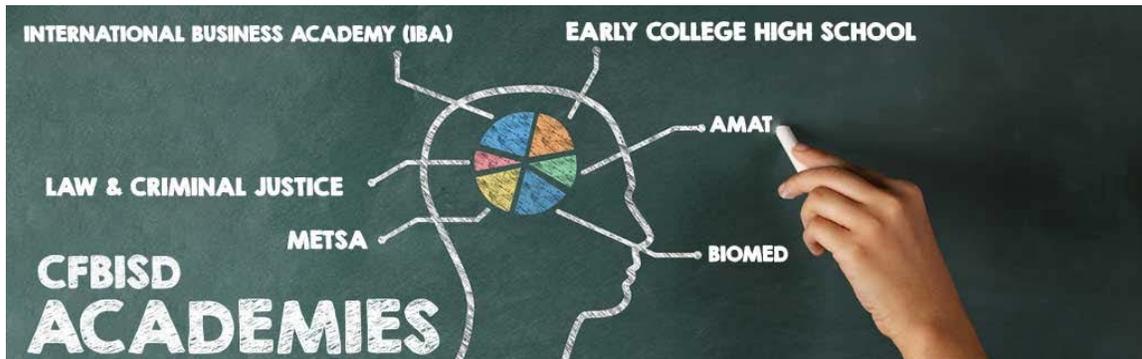
- (1) Successfully completed the requirements for the Recommended High School Program (RHSP) or the Distinguished Achievement Program (DAP);
- (2) Earned the distinguished level of achievement under the Foundation High School Program; or
- (3) Satisfied ACT's College Readiness Benchmarks on the ACT assessment or earned on the SAT assessment a score of at least 1,500 out of 2,400 or the equivalent.

To qualify for automatic admission an applicant must

- (1) Submit an application before the deadline established by the Texas college or university to which the student seeks admission; and
- (2) Provide a high school transcript or diploma that indicates whether the student has satisfied or is on schedule to satisfy the requirements of the RHSP, DAP, or the distinguished level of achievement under the Foundation High School Program or the portion of the requirements of those programs that was available to the student.

***Automatic Admission to The University of Texas at Austin**

Senate Bill 175, passed by the 81st Texas Legislature, allows The University of Texas at Austin to limit automatic admission to 75 percent of the university's enrollment capacity designated for first-time resident undergraduate students. The University has determined that it will automatically admit all eligible summer/fall 2020 and spring 2021 freshman applicants who rank within the top **6%** of their high school graduating classes, with remaining spaces to be filled through holistic review.



Our seven academies and special programs offer students an opportunity to experience a concentrated four-year curriculum in the areas of: biomedical professions; media arts and technology; international business, law and criminal justice; and math, engineering, science and technology. In each of the academies, students are placed in internships and/or clinical rotations through cooperative education training placements in a business or field related to their career interest and some receive certification in certain areas. Some of the common characteristics of an academy are as follows:

- Small learning community
- College preparatory curriculum
- Partnership with employers, the community, and local colleges
- A school within a high school
- A course of study designed for exploring specific careers
- Comprised of students with the same focus and similar goals.



Early College High School

Early College High School Vision

The vision of Early College High School is to create a transformative educational experience that drives inspiration, innovation and dedication for all students and staff.

Early College High School Mission

The mission of Early College High School is to graduate globally minded citizens that are competently and confidently prepared to complete a four-year university program and who can positively lead and democratically serve their local communities.

The Early College High School (ECHS), located on the Brookhaven College Campus, is an educational choice for incoming ninth grade students who are accepted into the program through an application process during the fall of their eighth grade year. The program blends high school and college in a rigorous, yet supportive program, compressing the time it takes to complete a high school diploma and the first two years of college. ECHS is currently joined by a memorandum of understanding with Brookhaven College which has committed time and resources to helping our students become academically successful, earn college credit tuition free, and successfully transition to an institution of higher education.

Benefits to Students

- Opportunity to earn 60+ college credits on 100% scholarship for books and tuition
- Experience a small school setting within a college campus
- Safe and supportive environment complete with a 4-year AVID program
- Rigorous academic program for all students enriched with many college extra-curricular collegiate and high school activities, community service events, and field trips.



Creekview High School

LAW AND CRIMINAL JUSTICE ACADEMY



In our society, order has been maintained only by a system of laws. Without laws, human social order could develop into chaos. Without obedience to the law, and without enforcement of the law, social order could not exist. The importance of law and its enforcement facilitate a myriad of career opportunities. The Law and Criminal Justice Academy will provide an intrinsic learning experience for students who are interested in pursuing one of these possible careers.

The Law and Criminal Justice Academy provides an enriched curriculum with a variety of active learning opportunities, such as mock trial, moot court, field observations, community service, and internships. The Academy offers multiple non-elective as well as elective classes, which focus on law, legal issues, citizenship, government, forensics, and other law related areas. Law, Political Science, and law enforcement are the three primary strands of the Academy, encompassing areas such as criminal law, civil law, constitutional law, political systems, the origin and evolution of rights and civil liberties, crime scene investigation, forensic analysis, and criminal behavior. Although there are multiple goals of the Academy, three goals are pervasive throughout each strand.

The three primary goals are:

- To enrich an understanding of the complex procedures developed in the United States to protect that which we identify as "fundamental rights."
- To cultivate a greater understanding of justice, tolerance, fairness, and responsibility suggested by our legal system.
- To instill a realization of the crucial and necessary function of laws, providing structure to help humans cope with problems in a complex society.



International Business Academy

Newman Smith High School

The mission of the International Business Academy is to provide students with a foundation in business, marketing, finance, accounting, and global business. Additionally the IBA environment encourages the development of the entrepreneurial spirit in students. Students are able to create and run their businesses in their capstone class senior year as a part of the Business INCubatoredu program.

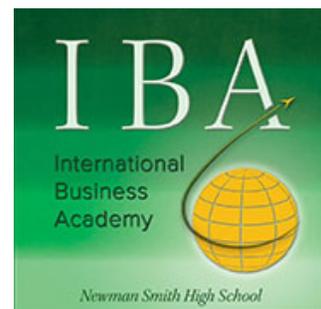
The International Business Academy will equip students with skills and knowledge to successfully operate in their chosen field of business. The academy is about the development of confident, competent individuals that can organize, communicate and lead any organization. Since business is in every career, the IBA program aims to equip students with skills and knowledge to successfully operate in their chosen field, whether it is business, finance and marketing or other careers such as law, healthcare, science or technology.

The sequence of IBA coursework provides graduates with the necessary focus to wisely select the postsecondary study best suitable for their skills, talents and interests. Students are exposed to a curriculum of rigor that includes challenging courses, real world experiences via field trips, college visits, guest speakers and domestic and international travel.

Students in the academy also take dual credit college classes at Brookhaven College, as well as AP (Advanced Placement) and Pre-AP classes. Possible future certifications that can be earned include Entrepreneurship and Quickbooks.

- Experience travel opportunities
- Engage in enriched academic curriculum
- Learn employable skills and attitudes
- Gain an understanding of world cultures

Begin your IBA journey to success! The International Business Academy... a one of a kind learning experience for students!





Ranchview High School



International Baccalaureate Diploma Programme

CFB is proud to offer the prestigious IB Diploma, a graduation credential recognized worldwide by colleges and universities as a mark of academic excellence.

The IB Diploma Programme is a curriculum of rigorous, college level courses students take both junior and senior years. Students at Ranchview have the opportunity to take these advanced DP Levels courses in all subject areas. Students who choose to pursue the prestigious full IB Diploma will enroll in six DP courses, which span all core subject areas and one elective area. These full Diploma candidates also take the Theory of Knowledge elective, an interdisciplinary course intended to explore connections between the subject areas and enhance students' critical thinking, problem-solving, and communication skills. Student participation in community service and extra- and co-curriculars is required for Diploma eligibility; in fact, students in the Diploma Programme are often integral members of Ranchview High School's athletic, fine arts, and extracurricular organizations. Full Diploma students also complete an independent research project called the Extended Essay over two years in the programme. Course assessments and examinations are required as part of the Diploma Programme coursework and provide for the standardization of academic achievement.

Participation in the IB Diploma Programme assures students of the Multi-Disciplinary Endorsement for graduation, and the possibility to achieve other endorsements as well. All full IB Diploma recipients are guaranteed a **minimum** of 24 credit hours at Texas public universities/colleges; other states and universities have similar credit-granting legislation in place to reward IB Diploma holders.

Applications are accepted from any CFB student currently in the 8th, 9th, or 10th grade.



Ranchview High School

International Baccalaureate Diploma Programme And Honors Courses

The International Baccalaureate [IB] Organization is a non-profit educational organization that works with schools worldwide to provide curriculum support, professional development and training, and assessment services for IB World Schools. Ranchview High School is the only CFB high school campus authorized to offer the Diploma Programme, thus all references to the IB Diploma Programme and/or IB Diploma courses require a student's attendance at Ranchview High School.

The IB Diploma Programme is a connected curriculum of rigorous, college-preparatory courses students take during their junior and senior years. IB coursework spans all core subject areas and one elective area. Full Diploma candidates also take the Theory of Knowledge elective, an interdisciplinary course intended to explore connections between the subject areas and enhance students' critical thinking, problem-solving, and communication skills. Student participation in community service and extra- and co-curriculars is required for Diploma eligibility. Also, Diploma students must complete an independent research project called the Extended Essay. Students must complete full diploma programme to be eligible to receive the IB Diploma. GPA is calculated at the conclusion of the semester after grades are posted and finalized. **Grades earned in courses with AP/IB academic weighting shall receive nine (9) additional grade points in calculation of the numeric GPA.**

High School rank in class shall be determined using the weighted numeric grade average. [EIC \(Local\)](#)

Honors courses

Honors courses are offered at Ranchview High School for 9th and 10th graders in the core areas of English, math, science, social studies, and foreign language. Honors courses are more rigorous than on-level courses in terms of the depth and pacing of the curriculum and in the elevated criteria/standards for assessment. GPA is calculated at the conclusion of the semester after grades are posted and finalized. **Grades earned in courses with Honors weighting shall receive five (5) additional grade points in the calculation of the numeric weighted GPA.**

High School rank in class shall be determined using the weighted numeric grade average. [EIC \(Local\)](#)

College Credit for IB

As with AP courses, colleges and universities may award students credit, advanced standing, or both based on their participation in IB Diploma coursework. Credits are determined by student assessment performance in each IB subject. Current Texas legislation guarantees a minimum of 24 credit hours for students who graduate with an IB Diploma. It is important for students to check with the college or university they plan to attend regarding the IB course credit qualifications that will be accepted.



R. L. Turner High School



The Academy for Media Arts and Technology is a four-year sequence of courses that works towards industry software certifications in the areas of **Media Arts, Digital Graphics/Graphic Design, Animation, Commercial Photography or Broadcast Journalism.**

AMAT coursework is centered around project based learning that allows students to experience real-world, hands-on learning. Students will be encouraged to **take part in creating the curriculum** that is centered around their field of interest and work collaboratively with the teacher and other students to produce **industry level portfolios.**

Students in AMAT will receive an elevated academic experience that will include **industry internships, college visits, mentorships,** competitions, in-class speakers, academy socials, industry field trips, and more.

AMAT offers three diverse Media Arts and Technology Pathways that will help students reach professional levels of knowledge and experience. Through a four-year program in **Commercial Photography, Graphic Design, or AV Production,** students will work with up-to-date industry software and technology to create professional portfolios and prepare for professional certifications. Students will leave the program career and college ready.

AMAT Pathways

- **AV Production: Broadcast Journalism, Sound Design, Film Production**
- **Commercial Photography: Professional Photography in all areas**
- **Graphic Design: Animation, Video Game Design, Graphic Design**



R. L. Turner High School



The Academy of BioMedical Professions at R. L. Turner High School is for students interested in pursuing a career in the health care industry. The school learning environment is a combination of classroom lectures and labs, and real world experiences through externships, professional speakers and field trips. Our on-site skills labs provide opportunities to obtain practice in clinical skills through the use of actual medical supplies and equipment. In addition, some courses offer externships with local pharmacies, nursing homes and hospitals.

All BioMed students begin by taking Principles of Health Science and Health Science Theory. These courses provide an essential foundation of information, ranging from topics such as medical terminology, basic anatomy and CPR to medical careers, ethics, insurance and hospital structure. Students then proceed to enrolling in Anatomy & Physiology and one of our many certification courses. Anatomy & Physiology (A&P) is a rigorous and essential course that explores the structure and function of the human body. Some of our ambitious students enroll in their first practicum course while taking A&P, but this is completely optional. Their next progression, as seniors, is to enroll in one of our certification practicum courses, or as many as their schedule will allow.

Certifications are awarded to students who complete one or more of these specific courses, the required clinical hours for that course, and pass a state or national test. Certifications allow students to be workforce-ready after high school with higher earning power.

The BioMed Academy currently offers the following certification courses:

- Certified Nurse Assistant
- Pharmacy Technician
- Phlebotomy Technician
- Emergency Medical Technician (This is a dual-credit Brookhaven course taught on our campus.)
- Medical Coding and Billing (taken during the Clinical Rotations year course)

Clinical Rotations provides shadowing experiences in clinics, nursing homes, and hospitals in order to allow students a look into the various aspects of health care, but does not provide for any type of certification. In addition, the Academy of BioMedical Professions works closely with Brookhaven College to offer certification courses and review classes to prepare students to take the Patient Care Technician certification exam.

The Academy of BioMedical Professions has a dedicated staff of licensed health care professionals who work closely with students in order to provide them appropriate curriculum, valuable experiences, and real-world applications that will prepare them for their educational experience and future medical career. Academy students are strongly encouraged to join HOSA Future Health Professionals, which is a national leadership student organization and allows students to gain valuable experience through relationships and competitions in various health related categories.

The mission of the BioMed Academy is to instruct students in all aspects of health-related careers while maintaining a comprehensive high school education. It is designed to prepare students for their place in an ever-changing world they will inherit – a world of health and human service.



R. L. Turner High School



College Ready • Career Ready • Life Ready

The Math, Engineering, Technology and Science Academy (METSA) offers a four-year sequence of courses that introduces students to the vast array of disciplines within the fields of **science, technology, engineering and mathematics (STEM)**.

The coursework is delivered in a **comprehensive, project-based approach** that allows students to experience practical problem-solving through investigation using various resources, including METSA's extensive network of professionals in STEM-focused careers. The project-based learning (PBL) environment creates an atmosphere where **learning is student-driven, collaborative and engaging**.

METSA enriches students' academic experience with a **variety of active learning opportunities**, such as field-based experiences, college visits, clubs, competitions, camps, career panels, seminars, senior exhibitions, job shadowing events and hands-on internships.

The Academy offers **five exciting STEM pathways**, each of which help students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems, using state-of-the-art technology. In addition to acquiring technical knowledge and skills, students gain an understanding of career opportunities available in STEM-related fields, and graduate a community of life-long learners.

STEM Pathways in METSA

- **Aerospace Engineering**
- **Engineering Design & Problem Solving**
- **Computer Integrated Manufacturing**
- **Computer Science**
- **Digital Electronics**

SPECIAL PROGRAMS

Newcomer and ESOL Program



The English as a Second Language program in Carrollton-Farmers Branch ISD follows the curriculum framework of the district. The purpose of English for Speakers of Other Languages (ESOL) is to instruct students who speak another language and have been identified to benefit from this program in the foundations of the English language.

The English Language Development and Acquisition course is designed to provide instructional opportunities for recent immigrant students with little or no English proficiency. Newcomers less than 12 months in U.S. schools who have scored at the limited English level of the state approved English oral language proficiency test will be enrolled in English Language Development and Acquisition (ELDA) while concurrently enrolling in ESOL I. ELDA will be issued as a local elective credit for each of the first two semesters. The development of communicative competence occurs through targeted lessons based on students' needs, with language proficiency as the focus of instruction. Both course offerings enable students to become increasingly more proficient in English in all four-language domains. Teachers validate students' native language and culture as a valuable resource and as a foundation to attain the target language by developing language, enriching vocabulary, and building literacy for newly arrived and preliterate students.

Special Education Program



Special Education Services are available for eligible students in Carrollton-Farmers Branch ISD who have an identified disability and a need for specially designed instruction.

The campus Safety Net Acceleration Planning (SNAP) team can refer a student for a complete evaluation, at no cost to the parents, to determine if the student meets eligibility for special education services.

Carrollton-Farmers Branch provides a continuum of service options to assure that students with disabilities are successful.

Section 504

A 504 Plan lists accommodations related to the child's disability. A child may be eligible for accommodations under a 504 Plan if he or she has a physical or mental health disability that impacts one or more major life functions.

Students with Dyslexia and Related Disorders



TEC 38.003, TAC 74.28, the Rehabilitation Act of 1973, Section 504 as amended in 2008, the Americans with Disabilities Amendments Act and the Individuals with Disabilities Education Act of 2004 (IDEA 2004) mandate that districts provide programs for students with dyslexia and related disorders.

Dyslexia support programs in Carrollton-Farmers Branch I.S.D. have been designed to offer an educational option for both regular and special education students who:

- exhibit primary difficulties in phonemic awareness, single-word decoding, reading, fluency, spelling, comprehension, and written expression and
- have an educational diagnosis of dyslexia.

Student screening, identification, placement, and monitoring procedures are designed to ensure that students receive the most appropriate support to address their identified needs. Screening for dyslexia may be initiated by teachers or by parents. Parents seeking information about dyslexia support programs in C-FB ISD should contact the dyslexia coordinator/support teacher at their child's campus.



Advanced Academic Services **Gifted and Talented Programming**

Introduction

Carrollton Farmers Branch ISD's gifted and talented programs are designed to challenge the gifted learner who demonstrates the need for an augmented curriculum. Typically, gifted students differ from their age peers in three important ways. First, they absorb information at a faster rate and process it very efficiently. Second, they are often able to comprehend information with greater depth than their classmates, showing greater insight and understanding. Third, they often have interests that are more typical of older children or even adults. These three learning differences are frequently enhanced by other complementary characteristics: independence, persistence, nonconformity, and motivation. For more information: cfbgifted.com

Elementary and Middle School Years Program Description

The Carrollton Farmers Branch ISD demonstrates its commitment to educational excellence through the comprehensive programs developed for gifted and talented students in kindergarten through twelfth grade. Having a child-centered education program as its primary goal, the Carrollton Farmers Branch ISD offers a two-tiered multifaceted level program. These services are offered through the Academic Creative Education (ACE) program and the Leading Exceptional Academic Producers (LEAP) program. The structure of the district's programs form an inverted pyramid model beginning as a broad base designed to discover and nurture the intellectual talents of the young child and gradually move into specific specialized course offerings. Classroom teachers who work with gifted students are required to receive at least 30 hours of training in gifted education.

High School Academic Creative Education (ACE)/Leading Exceptional Academic Producers (LEAP)

At the high school level, ACE and LEAP students are offered Global/AP Human Geography and World Experience/AP World History which combines both their English Pre-AP credit and an AP level Social Studies curriculum. Other opportunities for gifted and advanced learners include Pre-Advanced Placement, Advanced Placement, OnRamps, Honors International Baccalaureate, or International Baccalaureate. Gifted students may also choose to apply to attend one of the academies offered: Biomedical Science, Media Arts and Technology, Math-Engineering-Science Technology (METSAT), Law and Criminal Justice, or International Business Academies.

Referral

A student may be referred for gifted and talented services by teachers, parents, administrators, counselors, students, and other members of the community who believe the student may qualify for gifted and talented services. Identification of students is conducted to determine which students require program alterations because of their unique educational needs.

**Referral forms may be obtained at the student's campus through the principal or counselor's office.*

ALTERNATIVE EDUCATION PROGRAMS



Mary Grimes Education Center

Mary Grimes Education Center is an Alternative High School available to eligible students who choose to complete their high school graduation requirements in a non-traditional educational environment. Students complete credits through individualized self-paced computer instruction facilitated by a classroom teacher. Mary Grimes Education Center was established to reclaim students to the educational system who are at risk of dropping out of school or who have dropped out of school before completing high school graduation. Mary Grimes is also the home of the Moving on Up and Functional Skills Workshop programs that serve our 18+ special needs students in the district.



Bea Salazar Learning Center

Students are assigned to the Bea Salazar Learning Center (DAEP) from their local campus based upon disciplinary action.

Senate Bill 1, Chapter 37, as passed by the 74th Texas Legislature, establishes the following academic provisions for students placed into the disciplinary alternative education program: “Each school district shall provide an alternative education program that focuses on English Language Arts, mathematics, science, history, and self-discipline.”

All DAEP students work under the direct supervision of a certified classroom teacher on individualized curriculum that correlates to the home campus curriculum. In addition, students are taught new ways of thinking and behaving to enhance their self-discipline.

Dual/Concurrent Credit Courses



Brookhaven College DALLAS COUNTY COMMUNITY COLLEGE DISTRICT



North Lake College DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

Dual credit courses are defined as courses in which students may receive both high school and college course credit provided the courses meet both district and college guidelines. Concurrent enrollment means that the student is taking a college course for college credit while the student is still in high school.

Brookhaven and Northlake Colleges welcome students who meet the criteria for dual and concurrent enrollment. **If the concurrent course is taken on the college campus, the grade earned shall not be computed for determining class rank.** Letter grades shall be converted to numerical grades following this scale: A = 95, B = 85, C = 75, D = 70, F = 65. Students enrolling in dual and concurrent credit courses must make certain that they follow established enrollment procedures and pay applicable fees. Students must contact their campus counselor to begin the enrollment process. Students must present documentation to their counselor within three weeks of the end of the course to receive credit.

Students taking dual credit classes on the high school campus will be required to pay a \$70.00 textbook fee.

See your school counselor for dual/concurrent course options.

COURSES ACCEPTABLE FOR DUAL CREDIT FOR ALL STUDENTS

The following courses may be taken at CFBISD high school or the Brookhaven and North Lake Colleges of the Dallas County Community Colleges for dual credit purposes.

Dual credit offerings are subject to change, as the print copy of this manual was created prior to finalization of the 2020-2021 dual credit agreement. Please visit the district website for the most updated information, or speak with your school counselor.

CFB-ISD Courses		Dallas County Community College Course		High School Credit Earned	College Credit Earned
SOCIAL STUDIES					
Government	7317D	American (Federal) Government	GOVT 2305	0.5	3
Economics – Free Enterprise System	7401D	Principles of Economics I	ECON 1301	0.5	3
Psychology	7203D	Introduction to Psychology	PSYC 2301	0.5	3
Sociology	7201D	Race, Ethnicity & Community	SOCI 2319	0.5	3
Principles of Law, Public Safety & Security	8148D	Intro to Criminal Justice	CRIJ 1301	0.5	3
Court Systems & Practices	8150D	Court Systems & Practices	CRIJ 1306	0.5	3
Law Enforcement I	8149D	Fundamentals of Criminal Law	CRIJ 1310	0.5	3
COMMUNICATIONS					
Professional Communication	8300D	Fundamentals of Public Speaking	SPCH 1315	0.5	3
English IVA	1310D	Composition I and	ENGL 1301	0.5	3
English IVB		Composition II	ENGL 1302	0.5	3
BUSINESS COURSES					
Business Information Management I	8263D	Business Computer Applications	BCIS 1405	1	4
Money Matters	8341D	Personal Finance	BUSI 1307	0.5	3
MATH					
College Algebra	4783	College Algebra	MATH 1314	0.5	3
Trigonometry	4793	Plane Trigonometry	MATH 1316	0.5	3
FINE ARTS					
Music History	2820D	Music Appreciation	MUSI 1306	1	3
SCIENCES					
Anatomy & Physiology	6637D	Human Anatomy & Physiology I	BIOL 2401	1	4
Pathophysiology	8338D	Nursing Pathophysiology	RNSG 1311	0.5	3

DUAL CREDIT FOR EARLY COLLEGE HIGH SCHOOL STUDENTS ONLY

Dual credit offerings are subject to change, as the print copy of this manual was created prior to finalization of the 2020-2021 dual credit agreement. Please visit the district website for the most updated information, or speak with your school counselor.

CFB-ISD Courses		Dallas County Community College Course		High School Credit Earned	College Credit Earned
SOCIAL STUDIES					
U.S. History (Semester A)	B702	History of the United States I	HIST 1301	0.5	1
U.S. History (Semester B)	B702	History of the United States II	HIST 1302	0.5	1
U.S Government (ECHS Only)	B712	Federal Government	GOVT 2305	0.5	3
Texas Government (ECHS Only; Special Topics in Social Studies)	B714	Texas Government	GOVT 2306	0.5	3
Special Topics in Social Studies (Major World Religions)	B732	Major World Religions	PHIL 1304	0.5	3
Economics – Free Enterprise System	B710	Principles of Economics I	ECON 1301	0.5	3
Micro Economics (Advanced Studies in Social Studies 1 st Time Taken)	B711	Principles of Economics II	ECON 2301	0.5	3
Psychology	B722	Introduction to Psychology	PSYC 2301	0.5	3
Sociology	B720	Introduction to Sociology	SOCI 1301	0.5	3
Business Law	B740	Intro to Ethics	PHIL 2306	0.5	3
Principles of Law, Public Safety & Security	B723	Intro to Criminal Justice	CRIJ 1301	0.5	3
Forensic Psychology	B726	Crime in America	CRIJ 1307	0.5	3
COMMUNICATIONS					
English IIIA	B100	Composition I	ENGL 1301	0.5	3
English IIIB	B100	Composition II	ENGL 1302	0.5	3
English IVA	B102	British Literature I	ENGL 2322	0.5	3
English IVB	B102	British Literature II	ENGL 2323	0.5	3
Professional Communication	B262	Fundamentals of Public Speaking	SPCH 1315	0.5	3
LAB SCIENCES					
Scientific Research and Design Independent Study (Biology for Non-Science Majors, Semester A)	B600	Biology for Non-Science Majors I	BIOL 1408	0.5	4
Scientific Research and Design Independent Study (Biology for Non-Science Majors, Semester B)	B600	Biology for Non-Science Majors II	BIOL 1409	0.5	4
Earth and Space Science A	B630	Earth Science I	GEOL 1401	0.5	4
Earth and Space Science B	B630	Earth Science II	GEOL 1402	0.5	4
MATH					
College Algebra	B406	College Algebra	MATH 1314	1	3
Trigonometry	B408	Plane Trigonometry	MATH 1316	1	3
College Math (Advanced Quantitative Reasoning)	B402	Contemporary Mathematics (Quantitative Reasoning)	MATH 1332	1	3
Mathematics for Business and Economics	B400	Mathematics for Business and Econ	MATH 1324	1	3
Introduction to Statistics	B404	Introduction to Statistics	MATH 2342	1	3
Pre-Calculus	B410	Pre-Calculus Math	MATH 2412	1	4
Independent Study in Calculus I	B411	Calculus I	MATH 2413	1	4

DUAL CREDIT FOR EARLY COLLEGE HIGH SCHOOL STUDENTS ONLY

Dual credit offerings are subject to change, as the print copy of this manual was created prior to finalization of the 2020-2021 dual credit agreement. Please visit the district website for the most updated information, or speak with your school counselor.

CFB-ISD Courses		Dallas County Community College Course		High School Credit Earned	College Credit Earned
Independent Study Calculus II	B412	Calculus II	MATH 2414	1	4
FINE ARTS					
Art I	B200	Art Appreciation	ARTS 1301	1	3
Music History	B226	Music Appreciation	MUSI 1306	1	3
Guitar I	B224	Guitar I	MUSI 1192	0.5	1
Piano I	B220	Piano I	MUSI 1181	0.5	1
Piano II	B220	Piano II	MUSI 1182	0.5	1
Voice I (Choir 1)	B222	Voice I	MUSI 1183	0.5	1
Fundamentals of Music (Music Theory II)	B227	Music Appreciation	MUSI 1306	1	3
Music Appreciation I	B228	Music Literature I	MUSI 1308	0.5	3
Music Appreciation II	B229	Music Literature II	MUSI 1309	0.5	3
LANGUAGES OTHER THAN ENGLISH					
Spanish I	B300	Beginning Spanish I	SPAN 1411	1	4
Spanish II	B302	Beginning Spanish II	SPAN 1412	1	4
Spanish III	B304	Intermediate Spanish I and	SPAN 2311	1	3 3
Spanish IV	B305	Intermediate Spanish II	SPAN 2312	1	3
Spanish Lit	3823	Introduction to Spanish Literature	SPAN 2322	1	3
French I	B308	Beginning French I	FREN 1411	1	4
French II	B310	Beginning French II	FREN 1412	1	4
French III	B312	Intermediate French I	FREN 2311	1	3
French IV	B314	Intermediate French II	FREN 2312	1	3
American Sign Language I	B316	Beginning American Sign Language I	SGNL 1301	1	3
American Sign Language II	B317	Beginning Sign Language II	SGNL 1302	1	3
American Sign Language III	B318	Intermediate American Sign Language I	SGNL 2301	1	3
American Sign Language IV	B319	Intermediate American Sign Language II	SGNL 2302	1	3
TECHNOLOGY					
Business Information Management I	B800	Introduction to Computing	COSC 1301	1	3
Computer Programming I	B805	Programming Logic and Design (Introduction to Programming)	ITSE 1429	1	4
Web Technologies	B806	Web Design I	IMED 1416	1	4
Advanced Computer Programming A	B814	Java Programming	ITSE 2417	1	4
Advanced Computer Programming B	B816	Advanced Java Programming	INEW 2438	1	4
Networking	B305	Fundamentals of Networking Technologies	ITNW 1425	1	4
Introduction to Engineering Design	B804	Basic Computer Aided Drafting	DFTG 1310	1	4
Engineering Design and Presentation A	B803	Engineering Graphics I	ENGR 1304	0.5	3
Engineering Design and Presentation B	B803	Programming for Engineers	ENGR 2304	0.5	3
OTHER					
Health	B500	Health for Today	PHED 1304	0.5	3
Money Matters	B830	Personal Finance	BUSI 1307	0.5	3
Anatomy & Physiology	B608	Human Anatomy & Physiology I	BIOL 2401	1	4

Advanced Placement (AP) Courses

The following Advanced Placement Courses are available to CFBISD students for the 2020-2021 school year.

The Advanced Placement Program (AP) allows students to take rigorous college level courses while still in high school. Students can choose to undertake college-level academic learning in a wide array of content areas: English, Math, Social Studies, Science, Fine Arts, and World Languages. To show that they have mastered the advanced material, students participate in taking the AP exam for each course. Students can check with the college or university they plan to attend regarding their AP Exam credit qualification.

AP courses make substantial academic demands on students. Most courses are a full year in length. Students are required to do considerable outside reading and other assignments and to demonstrate the analytical skills and writing abilities expected of first year students in a strong college program. This experience helps students develop the intellectual skills and self-discipline they will need in college. GPA is calculated at the conclusion of the semester after grades are posted and finalized. **Grades earned in courses with AP/IB academic weighting shall receive nine (9) additional grade points in the calculation of the weighted numeric GPA.**

High School rank in class shall be determined using the weighted numeric grade average. [EIC \(Local\)](#)

Pre-Advanced Placement (Pre-AP)

Pre-Advanced Placement courses prepares students to be successful in college level courses in English, mathematics, social studies, and science. They are intended to ensure that middle and high school students are taught the skills, concepts, and habits of mind needed for college. GPA is calculated at the conclusion of the semester after grades are posted and finalized. **Grades earned in courses with PreAP weighting shall receive five (5) additional grade points in the calculation of the numeric weighted GPA.**

High School rank in class shall be determined using the weighted numeric grade average. [EIC \(Local\)](#)

ENGLISH

AP Course	Graduation Credit
AP English 3 Language and Composition	English III
AP English 4 Literature and Composition	Advanced English

MATH

AP Course	Graduation Credit
AP Statistics	Advanced Math
AP Calculus AB	Advanced Math
AP Calculus BC	Advanced Math

SCIENCE

AP Course	Graduation Credit
AP Biology	Biology I Advanced Science
AP Chemistry	Chemistry I Advanced Science
AP Physics 1 Algebra-based	Physics I Advanced Science
AP Physics 2 Advanced Topics	Advanced Science
AP Physics C Electricity & Magnetism/Mechanics	Advanced Science

WORLD LANGUAGES

AP Course	Graduation Credit
AP Chinese	Elective
AP French	Elective
AP German	Elective
AP Japanese	Elective
AP Spanish Language	Elective
AP Spanish Literature	Elective

FINE ARTS

AP Course	Graduation Credit
AP Art History	Elective
AP Music Theory	Elective
AP Studio Art 2D Design	Elective
AP Studio Art 2D Drawing	Elective
AP Studio Art 3D	Elective

SOCIAL STUDIES

AP Course	Graduation Credit
AP Human Geography	World Geography
AP Economics Macro	Economics
AP Economics Micro	Economics
AP European History	Elective
AP Psychology	Elective
AP US Government	Government
AP US History	American History
AP World History	World History

COMPUTER SCIENCE

AP Course	Graduation Credit
AP Comp Science 1	Elective Advanced Math
AP Comp Science Principles	Elective

Not all courses are offered at every campus. Students enrolled in AP Courses are expected to take the corresponding AP exam.





The University of Texas at Austin OnRamps

OnRamps is an innovative dual enrollment and professional development initiative led by The University of Texas at Austin. Founded in 2011 in partnership with the Texas Higher Education Leaders Consortium, and supported by generous funding from the Texas Legislature, OnRamps is dedicated to preparing high school students for postsecondary student success. OnRamps gives students the opportunity to earn three core credit hours from The University of Texas at Austin that are guaranteed to transfer to any public institution in Texas.

How OnRamps Works

1. OnRamps students are enrolled in a yearlong high school course facilitated by a high school teacher who is trained and certified by OnRamps to teach the course on their local campus.
2. During the first half of the course, OnRamps students complete a series of required assignments that are designated by an Instructor of Record at the university to determine eligibility to be dually enrolled in the university course.
3. Students who successfully complete the high school version of the course receive credit from their local high school. In addition, students who successfully complete the spring college course receive three core credits from the university guaranteed to transfer to any public college or university in Texas.

Grades earned in courses with UT OnRamps academic weighting shall receive nine (9) additional grade points in the calculation of the weighted numeric GPA.

[High School rank in class shall be determined using the weighted numeric grade average.](#)

The following UT OnRamps Courses are available to CFBISD students for the 2020-2021 school year:

OnRamps Course	CFB Course Number	UT Course Equivalent	High School Credit Earned	College Credit Available	Weighted GPA
College Algebra	4788-UT	M 301	1	3	9
Physics 1	6657-UT	PHY 302K	1	3	9
Pre-Calculus	4772-UT	M 305G	1	3	9
English IV Rhetoric	1320-UT	RHE 306/RHE309K	1	3-6	9
US History	7612-UT	HIS 315K/HIS 315L	1	3-6	9

*Course availability determined by each campus.



	Advanced Placement (AP)	Dual Credit (DC)	Dual/Co Enrollment (UT On Ramps Program)
Description	The AP Program allows students to take college-level courses and the related AP exam, to potentially earn college credit while still in high school.	Dual Credit allows students to simultaneously earn high school and college credit by successfully completing Dallas County Community College (DCCCD) courses.	Dual Enrollment allows students to earn high school, and potentially earn college credit while still in high school, by taking courses designed by the University of Texas and completing a specialized, college-level curriculum.
High School Credit	Course grades are determined by the high school teacher. The course grade is not affected by the Exam score.	Course grades are determined by the course instructor. The number grade appears on the high school and college transcript. Courses taught on BHS campus, the letter grade is posted on the college transcript and converted to a numeric grade for high school.	Students receive 2 grades, one from the high school teacher and one from the university instructor.
Weighted GPA	Grades earned in courses with College Board AP academic weighting shall receive nine (9) additional grade points in the calculation of the weighted numeric GPA.	Grades earned in a Dual Credit course are not part of the high school or college GPA. *ECHS exception: Dual credit courses are not weighted but do count for both high school and college GPA.	Grades earned in courses with UT OnRamps academic weighting shall receive nine (9) additional grade points in the calculation of the weighted numeric GPA.
College Credit	College credit is granted when students earns a 3+ on the AP exam. Individual colleges and universities grant college course credit and placement.	College credit is awarded when the student passes the course.	Eligible students may choose whether to accept college credit if they qualify for and pass the college portion of the course.
Teachers /Instructors	Courses are taught by College Board trained high school teachers using a curriculum approved by The College Board.	Taught by DCCCD instructors and/or high school teachers who serve as adjunct professors with DCCCD.	Taught by high school teachers trained by UT OnRamps and in collaboration with University of Texas faculty.

	Advanced Placement (AP)	Dual Credit (DC)	Dual/Co Enrollment (UT On Ramps Program)
College/ University Acceptance	Accepted throughout the nation. Requires a score of 3 or higher on AP exam in TX. Contact individual college/university for their AP policy.	Accepted at public colleges and universities in Texas, and many private institutions. Check with individual college/university for academic requirements.	Guaranteed to be accepted at any public university in Texas. Accepted at most private universities. Check with individual college/university for academic requirements.
Location	AP courses are taught on the HS campus.	Many dual credit courses are taught on the HS campus. Students may also take dual credit courses on DCCCD campuses.	UT OnRamps Dual Enrollment courses are taught on the HS Campus.
Eligibility	Open to any student. Students are expected to have the skills and knowledge from prior courses and be motivated to work outside the school day on college level material.	Students must qualify by taking the Texas Success Initiative (TSI) test, or by having an STAAR EOC waiver, PSAT waiver, or SAT waived. The TSI test is offered free of charge in the district, or for a fee at DCCCD campuses work outside the district.	Open to students who show high achievement, wish to experience a college-level course, and are motivated to work outside of the school day on college level material. Some courses may require TSI scores to qualify for college credit in the Spring.
Cost	AP courses are free. There is a fee for the corresponding AP exams. This fee is reduced for students who qualify for the free/reduced meal program.	All DCCCD campuses are currently free with a tuition waiver, providing the course is on the approved list of classes.	UT OnRamps Dual Enrollment courses do not currently have a fee.
Textbooks	Provided by the school.	Provided by the school.	Provided by the school.





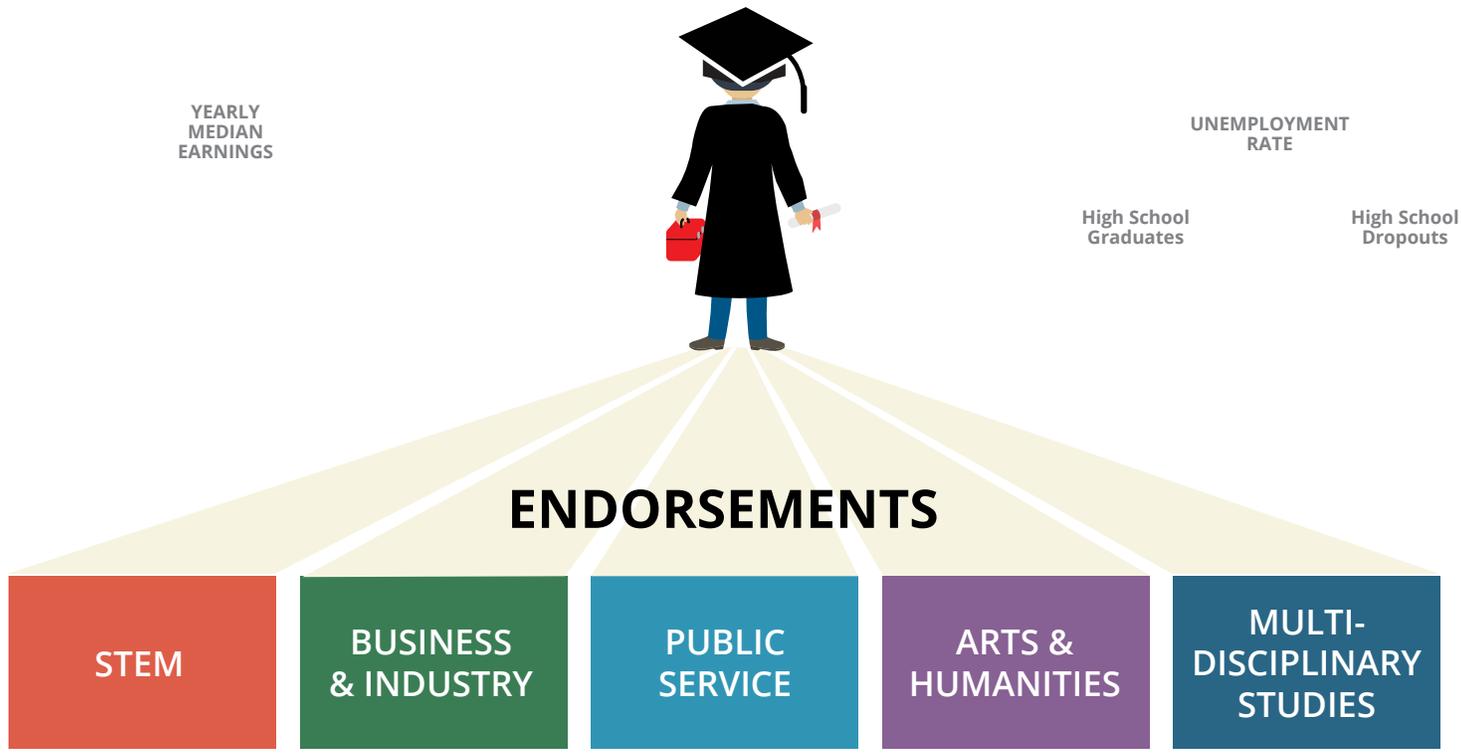
Graduation Toolkit

Information for Planning Your
High School Years & Beyond



There are a lot of careers out there.

Texas students have a wealth of choices for their plans after high school. The careers displayed here represent several of the many occupations that are in demand in the state of Texas. The Foundation High School Program and Endorsements help students effectively determine their interests and plan for their postsecondary training and education.



Texas Education Agency Graduation Toolkit

Graduation Program – Overview

Foundation High School Program

A flexible graduation program that allows students to pursue their interests have been in place for all students who enter high school since the 2014-2015 school year.

Students may customize their high school experience beyond the Foundation High School Program.



*A student may graduate without earning an endorsement if, after his or her sophomore year, the student's parent signs a waiver permitting the student to omit the endorsement requirement.

Texas Education Agency Graduation Toolkit

✓ Foundation High School Program

A **Foundation High School Program** is required to graduate and makes up the core of the Texas high school diploma program.

Course Credit: What is a credit, anyway?

A credit is a unit of measure awarded for successful completion of a high school course. Completion of a one-semester course typically earns one-half of a credit for a student. For the Foundation High School Program, the basic requirement is for Texas public school students to earn **22 credits**.

English (4 credits)	• English I	• English II	• English III	• An advanced English course
Mathematics (3 credits)	• Algebra I	• Geometry	• An advanced math course	
Science (3 credits)	• Biology	• Integrated Physics & Chemistry or an advanced science course		
	• An advanced science course			
Social Studies (3 credits)	• World History or World Geography		• U.S. History	
	• U.S. Government (one-half credit)		• Economics (one-half credit)	
Languages Other Than English (2 credits)	• 2 credits in the same language or			
	• 2 credits from Computer Science I, II, III			
Physical Education (1 credit)				
Fine Arts (1 credit)				
Electives and Career Technical Education (CTE) (5 credits)				
Speech:	• Demonstrated proficiency			

Did You Know?



Industry-Based Certification

Students can earn a performance acknowledgement on their diploma by earning an Industry-Based Certification. Industry-Based Certifications assist students in entering into careers.

Work-Based Learning

Interactions with industry or community professionals in real workplace settings or simulated environments at an educational institution that foster in-depth, firsthand engagement with the tasks required of a given career field, which are aligned to curriculum and instruction. These experiences can include participation in cooperative education, internships, apprenticeships, or mentoring programs in high school which are related to the career interests of the student.

Texas Education Agency Graduation Toolkit



Endorsement Options – Choices

Endorsements

Students can earn one or more endorsements as part of their graduation requirements. 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 an endorsement by completing the curriculum requirements for the endorsement, including 4 credits in both math and science and 2 additional elective credits.

Students can choose from 5 endorsement areas:



Science, Technology, Engineering and Mathematics (STEM)

(one of the following or a combination of no more than two of these categories)

- Career and Technical Education (CTE) courses related to STEM
- Computer Science
- Mathematics
- Science



Business and Industry

(one of the following or a combination of areas)

- Agriculture, Food and Natural Resources
- Arts, Audio Video Technology and Communications
- Finance
- Marketing
- Hospitality and Tourism
- Information Technology
- Manufacturing
- Technology Applications
- Architecture and Construction
- Business Management and Administration
- Transportation or Distribution and Logistics
- English electives in public speaking, debate, advanced broadcast journalism, advanced journalism including newspaper and yearbook

Students must select an endorsement upon entry into the ninth grade. Districts and charters are not required to offer all endorsements. If only one endorsement is offered, it must be multidisciplinary studies.



Public Service

(one of the following)

- Human Services
- Law, Public Safety, Corrections and Security”
- Health Science

- Education and Training
- Government and Public Administration
- Junior Reserve Officer

Training Corps (JROTC)



Arts and Humanities

(one of the following)

- 2 levels each in two languages other than English (LOTE)
- 4 levels in the same LOTE

- Courses from one or two areas (music, theater, art, dance) in fine arts
- English electives not included in Business and Industry

- Social Studies
- American Sign Language (ASL)



Multi-Disciplinary Studies

(one of the following)

- 4 advanced courses from other endorsement areas

- 4 credits in each foundation subject area, including English IV and chemistry and/or physics and Algebra II

- 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts

***Students may earn more than one endorsement.
Visit your school counselor to learn more about your options.**

Texas Education Agency Graduation Toolkit



Distinguished Level of Achievement

Distinguished Level of Achievement

A student may earn the Distinguished Level of Achievement and/or a Performance Acknowledgment for outstanding performance. The Distinguished Level of Achievement requires more math and more science than the Foundation High School Program. The Distinguished Level of Achievement requires:

- A total of four credits in math, including Algebra II;
- A total of four credits in science; and
- Successful completion of an endorsement in your area of interest.

The Distinguished Level of Achievement **must** be earned to be admitted to a Texas public university under the Top 10 percent automatic admission law. Moreover, any student receiving state financial aid must have completed this rigorous program.

Choices Determine Options

Most of the high-wage and in-demand jobs available now and in the future require education and training beyond a high school diploma. Whether you intend to pursue a high-demand, industry workforce credential from a community or technical college or a traditional four-year degree from a university, the choices made in high school will determine your future options.

To best prepare yourself now for the transition to post-high school education and career entrance, choosing and taking the right classes is essential.

Why it matters — Benefits

The Distinguished Level of Achievement opens a world of educational and employment opportunities for you beyond high school. The Distinguished Level of Achievement:

- **Allows you to compete for Top 10% automatic admissions eligibility at any Texas public university;**
- **Positions you among those first in line for a TEXAS Grant* to help pay for university tuition and fees; and other financial aid options**
- **Ensures you are a more competitive applicant at the most selective colleges and universities.**
- **Prepares you for college-level coursework at community/technical colleges and universities**
- **Provides opportunity for immediate enrollment in classes related to your chosen field of study; and**
- **Lays a strong foundation to successfully complete an industry workforce credential or college degree.**

*A student may graduate without earning an endorsement if, after his or her sophomore year, the student's parent signs a waiver permitting the student to omit the endorsement requirement.

Texas Education Agency Graduation Toolkit



Performance Acknowledgments note outstanding achievement in specific areas. These distinctions will be included in your high school diploma and better position you for successful entry into college and/or the workforce.

*Performance Acknowledgments Areas

- dual credit courses
- bilingualism and biliteracy
- PSAT, ACT ASPIRE®, SAT or ACT
- Advanced Placement or International Baccalaureate exams
- earning a state-, nationally- or internationally-recognized business or industry certification or license
- OnRamps courses



Texas Education Agency Graduation Toolkit

College and Career Resources

Big Future

<https://bit.ly/2EcKdJl>

There are more than 2,000 colleges in the United States. Find the right college for you!

Compare College TX

www.comparecollegetx.com

Compare College TX is an interactive, mobile-friendly web tool designed to help students and parents learn more about Texas public universities and community/technical colleges.

GEAR UP

<https://www.texasgearup.com/>

GEAR UP helps Texas students to be successful in college and beyond. Explore resources to answer your burning college questions.

Job's Y'all

<https://jobsyall.com/>

Jobs Y'all is where you can explore meaningful, high wage careers in growing industries. Here, you will discover rewarding jobs in your hometown and throughout Texas. Find the career that matches your interests and goals.

MapMyGrad

<https://texasoncourse.org/tools/mapmygrad/>

Students zero in on skills and interests to explore careers and endorsements and plan a path through high school



Middle Galaxy

<https://www.middlegalaxy.org/>

Texas middle school students have big decisions to make about their futures, starting in eighth grade! This space-themed game makes it easy to learn about options in high school and beyond.

Share Your Road

<https://roadtriplation.shareyourroad.com/>

Need a little inspiration? Learn how others got to where they are today from real stories of career and life journeys of people from all walks of life.

Texas Career Check

<https://texascareercheck.com/>

Students can use this interactive tool to search and explore occupations that interest them. Labor Market Information is provided regarding annual salary and projected job openings and can be filtered by region.

Texas Internship Challenge

<https://www.txinternshipchallenge.com/vosnet/Default.aspx>

This internship connection site enables students to gain valuable work-based learning experience while in high school. Students across the state can search for an internship where they live.

Texas Reality Check

<https://texasrealitycheck.com/>

Students can use this lifestyle calculator to walk through the expenses that they are likely to incur each month and decide how much to spend on their lifestyle. This tool provides a realistic understanding of minimum salary needs and explores occupations that enable students to earn the salary they want.

Texas Education Agency Graduation Toolkit



College and Career Resources

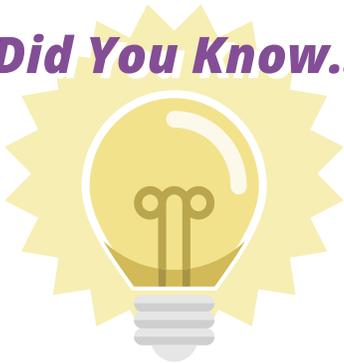
Preparing for Your Career

Two-thirds of the high demand jobs opening in Texas will require some postsecondary education. You can position yourself for successful career entry in several ways:

While in high school, you will want to:

- Determine** which of the five endorsements offered under the Foundation High School Program best aligns with your career goals.
- Complete** your selected endorsement along with the required Foundation High School Program.
- Learn** about industry fields and targeted occupations that provide high wages and are in-demand in your region.
- Research** what training and education levels beyond high school are required to enter your industry field of interest.
- Take** every opportunity to connect directly with employers. Ask your college advisor for help!
- Find** training and certifications for specific occupations or skills through community colleges or career and technical schools and community colleges at www.texasworkforce.org/svcs/propschools/career-schools-colleges.html.

Did You Know...



...over their lifetime a high school graduate with a bachelor's degree **earn 84 percent more**^{1,2} than a high school graduate?

...the highest ranking graduate at each Texas public high school receives a voucher from the Texas Education Agency that can be used as a **scholarship to cover tuition costs** at any Texas public college or university?

...students ranked in the Top 10 percent of their graduating class from an accredited public or private Texas high school may be **eligible for automatic admission** to a Texas public university if they have completed the Distinguished Level of Achievement?³

...over their lifetime, high school graduates with a workforce certification from a community or technical college **earn 20 percent more**⁴ than those with only a high school diploma?

¹Texas Workforce Commission

²Center on Education and the Workforce, "The College Payoff: Education, *Occupations, Lifetime Earnings," August 2011. Georgetown University

³Get the facts at www.collegeforalltexas.com or studentaid.ed.gov

⁴Center on Education and the Workforce, "Certificates: Gateway to Gainful Employment and College Degrees," 3 June 2012. Georgetown University

Texas Education Agency Graduation Toolkit



Graduation Checklists

8th Grade

- Review** choices offered under the **Foundation High School Program** and the **Endorsements** to decide on your future academic path.
- Select** the endorsement that best fits your area of personal interest and the major you plan to study in college.
- Recognize** that most college admissions processes value rigorous advanced courses including **Algebra II**, higher-level science courses and languages other than English.

9th/10th Grade

- Monitor** high school credits; be sure to meet all **local and state requirements**.
- Take dual credit** or **Advanced Placement courses** if possible to earn college credit while still in high school.
- Keep** list of awards, honors and extracurricular activities for scholarship and college applications.
- Research** colleges or universities you are interested in attending.
- Check** admission and application requirements and timelines.
- Consider** taking SAT/ACT preparation classes.
- Sign up** and take the ACT and/or SAT test, preferably in your junior year but no later than the fall of your senior year.
- Explore** interests and take advantage of **Career Exploration** opportunities and attend site visits during college open house days.
- Attend college nights** hosted by your high school.
- Talk** with school representatives about the types of financial aid available.
- Take** the Preliminary SAT (PSAT)/National Merit Scholarship Qualifying Test in your sophomore year for practice. In your junior year, take the PSAT for eligibility for the National Merit Scholarship Competition. Students who take the PSAT or ACT ASPIRE® tend to score higher on the SAT or ACT than those who do not.
- Take** Career and Technical Education courses related to your career interests.

11th/12th Grade

- Take dual credit** or **Advanced Placement courses** if possible to earn college credit while you are still in high school.
- Visit** with your counselor or college advisor about available scholarships. Be sure to apply early and for as many scholarships as possible. Do not limit yourself to local scholarships.
- Fill out** the FAFSA (Free Application for Federal Student Aid) or the TAFSA (Texas Application for State Financial Aid) early in the fall of your senior year.
- Apply** to college during the fall of your senior year.

If you plan to pursue technical training or enter the workforce after graduation, see the **Information - Workforce Resources** page or visit **Texas Reality Check** at www.texasrealitycheck.com/.

Texas Education Agency Graduation Toolkit

Glossary

Advanced Academics

Advanced Academics includes courses, programs, assessments, services and supports that provide opportunities for students to demonstrate college and career readiness and earn postsecondary credit.

Advanced Placement

College-level coursework designed by the College Board which provides students the potential to earn college credit with a qualifying score on an Advanced Placement exam.

Course Credit

A unit of measure awarded for successful completion of a course. Completion of a one-semester course typically earns one-half credit for a student.

Distinguished Level of Achievement

A high level of academic achievement earned by going beyond the Foundation High School Program. It requires a total of 26 course credits, including Algebra II, a fourth science credit and an endorsement. A student must earn this designation to be eligible for Top 10 percent automatic admission to a Texas public community college or university. It is also a requirement for receiving state financial aid.

Dual Credit

Dual credit is a process by which a high school student enrolls in a college course and receives simultaneous academic credit for the course from both the college and the high school.

End-of-Course Exams (EOC)

STAAR end-of-course exams are state mandated tests given during the final weeks of a high school course. In addition to meeting graduation course requirements, students are required to pass five end-of-course exams to earn a diploma from a Texas public high school. Those five exams are given when a student takes English I and II, Biology, Algebra I and U.S. History courses. **Endorsements**

Areas of specialized study. The areas are:

- Science, Technology, Engineering and Mathematics (STEM)
- Business and Industry
- Arts and Humanities
- Public Services
- Multidisciplinary Studies

A district or charter that offers only one endorsement must offer Multidisciplinary Studies.

Foundation High School Program (FHSP)

The basic 22-credit graduation program for Texas public school students.

Industry-Based Certificate

A state-, national- or internationally-recognized credential that aligns with the knowledge and skills standards identified by an association or government entity representing a particular profession or occupation and valued by business or industry. Examples include a credential for certified nurse aid (CNA) or the automotive service excellence (ASE) certification in the automotive industry.

Texas Education Agency Graduation Toolkit

Glossary

Performance Acknowledgments

Students may earn an additional acknowledgment on their transcripts because of outstanding performance in areas such as dual credit courses and bilingualism and biliteracy; on Advanced Placement, International Baccalaureate, PSAT, ACT ASPIRE[®], the SAT or ACT exams; or by earning a state-, nationally- or internationally-recognized business or industry certification.

STAAR

State of Texas Assessments of Academic Readiness (STAAR) is the state-mandated test given annually to students in grades 3-8 and in five high school courses.

FOUR-YEAR PLAN WORKSHEET



This four-year plan worksheet is intended to give you and your parent(s) a guide to use as you progress through high school. You will want to review the plan each year to make sure you are taking the required courses for graduation. Please check with your counselor for sample Career Plans of Study for each of the Endorsements that are listed on this page. You may use these as guides to help you select courses that support your career goals. Make sure that you are taking the academic courses that support your post-secondary plans.

ENDORSEMENT:

- Arts and Humanities
- Business and Industry
- Public Services
- STEM
- Multidisciplinary Studies

My Graduation Plan Type is:

- Foundation + Endorsement
- Distinguished

My Post High School plans will take me to :

(check as many as apply)

- Two-Year College
- Four-Year College
- Technical Training
- Employment
- Military
- Other

My certification/license will be in:

Graduation Plans 2020-2021

	Foundation	Endorsements	Distinguished <small>(Required for top 10% Automatic Admission)</small>
Discipline	Credits	Credits	Credits
English	4		
Math	3	+1	Including Algebra II
Science	3	+1	
Social Studies	4		
World Languages	2		
Fine Arts	1		
Physical Education	1		
Electives (including Health)	4	+2	
Endorsement		+4	
Total credits for Graduation	22	26	26

Directions: Students under the Distinguished Academic plan need to complete additional courses in Math and Science to earn that distinction towards their endorsement. Students are also encouraged to take advanced coursework in their academic and career related disciplines. *Students who do not meet the passing standard on STAAR may be placed in an academic support class.

Courses	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade	Total
English (4)						
Math (3/4)						
Science (3/4)						
Social Studies (4)						
World Languages (2)						
Fine Arts (1)						
Physical Education (1)						
Elective (4/6) (including Health)						
Endorsement (4)						



Choosing a Program of Study

The CFB Programs of Study initiative is designed to help students plan for their future. The pathways concept is incorporated and aligned into our personal graduation planning process. The Texas CTE initiative helps students develop a personal graduation plan that connects career interests with secondary and postsecondary education. This process helps make education more relevant and encourages students to remain in school and graduate college and/or workforce ready. A major goal of the district is to ensure relevancy and integrate meaning into the delivery of core skills in math, science, social studies, and English.

Goals of Texas CTE

- Programs of Study are an integral part of the Texas education system.
- Every student prepares a personalized graduation plan in middle school to plan for grades 9-16 and beyond. The student chooses a program of study to guide his or her learning in the context of personal career interests. Personal graduation plans are evaluated and updated annually.
- Programs of study span all grades (P-16+). Career awareness begins in elementary school and transitions into career exploration in middle school. Career concentrations in high school help students transition into career preparation at the postsecondary level.
- The education system is seamless between high school and postsecondary institutions. Students have opportunities in a program of study to earn dual credit and articulated credit that flows into postsecondary education or training.
- Partnerships are established statewide and locally between business and education, and are present throughout the system.
- Academics are woven throughout the P-16+ curriculum. There is an integration of academic and technical knowledge and skills within the curriculum. Interdisciplinary teaching takes place and academics are taught in context. Curriculum alignment occurs between secondary and postsecondary education.
- Career guidance is dramatically enhanced. All students have access to quality assessment and career information resources. Career counseling is provided to ensure college and career readiness.
- Students may elect to take part in extended learning opportunities, such as job shadowing, service learning, internships, apprenticeships, and work-based learning.

A Personalized Graduation Plan

A personalized graduation plan includes coursework that is academic, technological, and occupational in nature. Career exploration through programs of study may lead to job placement, or the realization that additional knowledge and skills are needed to enhance a student's employability or future educational goals. Studies show that students with career goals have a significantly higher self-concept, leading to more life successes than students without career goals.

The personal graduation plan provides each student in CFB with numerous ways to be successful, preparing them for their journey from school to college and/or work. Students are encouraged to:

- Explore the correlation and relevancy between academic preparation and career planning
- Analyze their abilities, aptitudes, and interest as related to career development
- Examine how society's needs influence the nature and structure of work
- Develop individual academic and career goals, based on the relationship between educational achievement and career planning
- Select courses aligned with career goals
- Develop skills to locate, evaluate, and interpret career information
- Develop skills to seek, obtain, maintain, and change careers
- Develop an awareness of the need for a positive attitude towards work

Texas CTE Programs of Study

The district has adopted the Texas Education Agency's (TEA) 14 programs of study, which are organized around broad career fields. With the help of career assessments, careful consideration and discussion, each student can identify specific career pathways that match their interests and desired skills. When one or more pathways appears interesting, students should look carefully at the possible degrees, careers and working conditions associated with these area(s).

All of the identified career pathways include challenging, relevant courses that provide roadmaps to future career goals. Additionally, because all students take a "core" of academic courses, career paths overlap enough to allow the flexibility to change pathways if interests change or new knowledge and skills are acquired.

In addition, programs of study include the following:

- Student's opportunity for dual credit and articulation with community colleges
- Internships
- Career Preparation/Cooperative training opportunities
- On-the-job shadowing
- Clinical rotations
- Youth leadership development
- Career fairs

- Field trips
- Career symposiums
- Business/Industry guest speakers
- Career counseling and guidance

Career Assessment and Planning

The curriculum associated with Texas CTE Career Pathways includes broad areas of study that are flexible enough to allow students to change as they acquire new knowledge and experiences. Using each student's individual interests and aptitudes, identified in the 8th grade, parents, counselors, teachers, or other district professionals can help students develop a personal graduation plan.

Today, and in the future, students will need high-level workplace skills and knowledge, as well as the ability to utilize their personal resources and assets to be successful in college and their career. Their economic security and financial independence may be the result of the educational or career choices they make today.

In order to provide the most current and relevant instructions, our CTE course objectives are reviewed and re-written every few years by TEA. The courses included in the Educational Planning Guide were rolled out for the first time during the 2017-2018 school year. Some of the courses are new, some have a new course title and for some the credit awarded has changed. This chart includes the grade level, credit awarded and the campus where the course is available. The courses are listed by endorsement and career Program of Study.

Arts & Humanities Endorsement									
9 th	10 th	11 th	12 th		Credit	RLT	NS	CHS	RHS
		X	X	Project-Based Research	1	X	X	X	
		X	X	Career Preparation I	2	X	X	X	X
			X	Career Preparation II	2	X	X	X	X
		X	X	Extended Career Preparation *	3	X	X	X	X
*This course must be taken concurrently with Career Preparation I or Career Preparation II and may not be taken as a stand-alone course.									
Business and Industry Endorsement									
Agriculture, Food, and Natural Resources Program of Study									
X	X	X	X	Principles of Agriculture, Food, and Natural Resources	1	X			
		X	X	Livestock Production	1	X			
X	X	X	X	Wildlife, Fisheries & Ecology Management	1	X			
X	X	X	X	Small Animal Management	.5	X			
X	X	X	X	Floral Design	1	X			
	X	X	X	Equine Science	.5	X			
		X	X	Veterinary Medical Applications	1	X			
		X	X	Veterinary Medical Applications Lab*	1	X			
			X	Advanced Animal Science	1	X			
	X	X	X	Agricultural Mechanics and Metal Technologies	1	X			
			X	Practicum in Agriculture, Food, and Natural Resources	2	X			
			X	Extended Practicum in Agriculture, Food, and Natural Resources*	3	X			
*This course must be taken concurrently with the related course and may not be taken as a stand-alone course.									
Architecture and Construction Program of Study									
X	X	X	X	Principles of Architecture	1		X		
X	X	X	X	Principles of Construction	1		X		
	X	X	X	Interior Design I	1		X	X	
		X	X	Construction Management I	2		X		
		X	X	Construction Management II	2		X		
	X	X	X	Construction Technology I	2		X		
		X	X	Construction Technology II	2		X		
			X	Practicum in Entrepreneurship	2		X		
Arts, A/V Technology, and Communications Program of Study									
X	X	X		Principles of Arts, Audio/Video Technology, and Communications	1	X			
	X	X	X	Animation I	1	X			
	X	X	X	Animation I Lab**	2	X			
	X	X	X	Audio/Video Production I	1	X			
	X	X	X	Audio/Video Production I Lab**	2	X			
			X	Practicum in Audio/Video Production	2	X			
			X	Extended Practicum in Audio/Video Production*	3	X			
X	X	X	X	Graphic Design and Illustration I	1	X			
X	X	X	X	Graphic Design and Illustration I Lab**	2	X			
	X	X	X	Graphic Design and Illustration II	1	X			
	X	X	X	Graphic Design and Illustration II Lab**	2	X			
	X	X	X	Commercial Photography I	1	X		X	
	X	X	X	Commercial Photography I Lab**	2	X		X	
		X	X	Commercial Photography II	1	X		X	
		X	X	Commercial Photography II Lab**	2	X		X	
	X	X	X	Fashion Design I	1		X	X	
	X	X	X	Fashion Design I Lab**	2		X	X	
X	X	X	X	Video Game Design	1	X			
X	X	X	X	Professional Communications	.5	X	X	X	X
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.									
**This course must be taken concurrently with the respective corequisite course and may not be taken as a stand-alone course. This lab is a consecutive block with the respective course.									
Business, Marketing, and Finance Program of Study									
X	X	X		Principles of Business, Marketing, and Finance	1	X	X	X	
X	X	X	X	Touch System Data Entry	.5				X
X	X	X	X	Business Information Management I	1	X	X	X	X
		X	X	Business Information Management II	1	X		X	
		X	X	Business Law	1	X	X		
	X	X	X	Global Business	.5	X	X	X	
		X	X	Human Resources Management	.5	X	X		
		X	X	Virtual Business	.5	X	X		
	X	X	X	Business Management	1	X			
		X	X	Practicum in Business Management	2	X	X	X	X
		X	X	Extended Practicum in Business Management*	3	X	X	X	X
	X	X	X	Banking and Financial Services	.5			X	
	X	X	X	Accounting I	1		X	X	
		X	X	Accounting II	1		X	X	
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.									

9 th	10 th	11 th	12 th		Credit	RLT	NS	CHS	RHS
Hospitality And Tourism Program of Study									
X	X	X	X	Principles of Hospitality and Tourism	1		X		X
X	X	X	X	Introduction to Culinary Arts	1	X	X	X	X
	X	X	X	Culinary Arts	2		X		
		X	X	Advanced Culinary Arts	2		X		
	X	X	X	Travel and Tourism Management	1		X		
		X	X	Tourism Marketing Concepts and Applications	1		X		
		X	X	Introduction to Event and Meeting Planning	1		X		
			X	Practicum in Hospitality Services	2		X		
			X	Extended Practicum in Hospitality Services*	3		X		
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.									
Information Technology Program of Study									
X	X	X	X	Principles of Information Technology	1				X
X	X	X	X	Principles of Cybersecurity	1		X		X
X	X	X	X	AP Computer Science Principles	1	X	X	X	
X	X	X	X	Computer Science I	1	X	X	X	
		X	X	Computer Science II	1			X	
	X	X	X	Computer Programming I	1				X
		X	X	Computer Programming II	1				X
	X	X	X	Computer Maintenance	1				X
	X	X	X	Computer Maintenance Lab**	2				X
	X	X	X	Networking	1				X
	X	X	X	Networking Lab**	2				X
	X	X	X	Digital Media	1	X		X	X
	X	X	X	Web Technologies	1			X	X
			X	Practicum in Information Technology	2				X
			X	Extended Practicum in Information Technology*	3				X
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.									
** This course must be taken concurrently with the respective corequisite course and may not be taken as a stand-alone course. This lab is a consecutive block with the respective course.									
Manufacturing Program of Study									
X	X	X	X	Introduction to Welding	1	X			
	X	X	X	Welding I	2	X			
		X	X	Welding II	2	X			
		X	X	Welding II Lab**	3	X			
		X	X	Computer Integrated Manufacturing	1	X			
		X	X	Practicum in Manufacturing	2	X	X		
	X	X	X	Manufacturing Engineering Technology I	1		X		
		X	X	Extended Practicum in Manufacturing*	3	X	X		
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.									
**This course must be taken concurrently with the respective corequisite course and may not be taken as a stand-alone course. This lab is a consecutive block with the respective course.									
Marketing Program of Study									
	X	X	X	Advertising	.5	X		X	
X	X	X	X	Fashion Marketing	.5	X	X	X	
	X	X	X	Entrepreneurship	1	X	X	X	
	X	X	X	Sports and Entertainment Marketing	.5	X	X	X	
		X	X	Advanced Marketing	2	X	X	X	
		X	X	Practicum in Marketing	2	X	X	X	
		X	X	Extended Practicum in Marketing*	3	X	X	X	
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.									
Transportation, Distribution, and Logistics Program of Study									
X	X			Energy and Power of Transportation Systems	1			X	
X	X			Automotive Basics	1	X		X	
	X	X	X	Automotive Technology I: Maintenance and Light Repair	2	X		X	
		X	X	Automotive Technology II: Automotive Service	2	X		X	
X	X			Basic Collision Repair and Refinishing	1	X			
	X	X	X	Collision Repair	2	X			
		X	X	Paint and Refinishing	2	X			
			X	Practicum in Transportation Systems	2	X		X	
			X	Extended Practicum in Transportation Systems*	3	X		X	
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.									
Public Service Endorsement									
Education and Training Program of Study									
X	X	X	X	Principles of Education and Training	1	X	X	X	
X	X	X	X	Principles of Human Services	1		X		
	X	X	X	Child Development	1		X		
	X	X	X	Human Growth and Development	1	X		X	
		X	X	Instructional Practices in Education and Training	2	X	X	X	
			X	Practicum in Education and Training	2	X	X	X	
			X	Extended Practicum in Education and Training*	3	X	X	X	
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.									

9 th	10 th	11 th	12 th		Credit	RLT	NS	CHS	RHS
Health Science Program of Study									
X				Principles of Health Science	1	X			
	X			Health Science Theory	1	X			
	X			Health Science Clinical**	1	X			
		X	X	Anatomy and Physiology	1	X	X	X	X
			X	Phlebotomy Theory	1	X			
			X	Phlebotomy Lab**	1	X			
			X	Emergency Medical Technician Basic (EMT)	2	X			
			X	Practicum in Health Science (C.N.A.)	2	X			
		X	X	Practicum in Health Science (Pharmacy Technician)	2	X			
		X	X	Practicum in Health Science (Hospital Rotation)	2	X			
		X	X	Extended Practicum in Health Science*	3	X			
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.									
**This course must be taken concurrently with the related Theory course and may not be taken as a stand-alone course. This lab is a consecutive block with the respective course.									
Human Services Program of Study									
X	X	X	X	Principles of Human Services	1	X	X	X	X
X	X	X	X	Dollars and Sense	.5	X	X	X	X
X	X	X	X	Interpersonal Studies	.5		X		X
	X	X	X	Lifetime Nutrition and Wellness	.5	X	X	X	
	X	X	X	Child Development	1	X	X	X	X
	X	X	X	Child Guidance	2			X	
		X	X	Family and Community Services	1		X		X
X	X			Introduction to Cosmetology	1	X			
	X	X		Cosmetology I	2	X			
		X	X	Cosmetology II	2	X			
		X	X	Practicum in Human Services	2	X	X		X
		X	X	Extended Practicum in Human Services*	3	X	X		X
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.									
Law and Public Service Program of Study									
X	X	X	X	Principles of Law, Public Safety, Corrections, and Security	1			X	
X				Principles of Health Science	1	X			
X	X	X		Principles of Government and Public Administration	1			X	
	X	X	X	Political Science I	1			X	
		X	X	Political Science II	1			X	
	X			Law Enforcement I	1			X	
		X	X	Law Enforcement II	1			X	
	X	X	X	Court Systems and Practices	1			X	
		X	X	Correctional Services	1			X	
	X	X	X	Introduction to American Law	1			X	
	X	X	X	Legal Research and Writing	1			X	
	X	X	X	Forensic Psychology	1			X	
	X	X	X	Forensic Science	1	X		X	
STEM Endorsement									
Science, Technology, Engineering, and Math Program of Study									
X	X	X	X	Principles of Applied Engineering	1		X		X
X	X			Principles of Biosciences	1		X		
X	X	X	X	AP Computer Science Principles	1	X	X	X	
X	X	X	X	Computer Science I	1	X	X	X	
		X	X	Computer Science II	1			X	
	X	X	X	Computer Programming I	1				X
		X	X	Computer Programming II	1				X
X	X	X	X	Fundamentals of Computer Science	1		X		
	X	X	X	Internetworking Technologies I	1		X		
		X	X	Internetworking Technologies II	1		X		
	X	X	X	Biotechnology I	1		X		
		X	X	Biotechnology II	1		X		
X	X	X	X	Intro to Engineering Design	1	X			
X	X	X	X	Engineering Design and Presentation I	1	X	X	X	X
		X	X	Engineering Design and Problem Solving	1	X			X
			X	Robotics I	1		X		X
			X	Robotics II	1		X		X
	X	X	X	Scientific Research and Design	1	X			
		X	X	Scientific Research and Design	1	X			
X	X	X	X	Engineering Science	1	X			
		X	X	Digital Electronics	1	X			
		X	X	Cybersecurity Capstone	1		X		
		X	X	Practicum in STEM	2	X			
		X	X	Extended Practicum in STEM	3	X			

Certification and License Options

Career and Technical Education 2020-2021

CCMR-College, Career, and Military Readiness

PA – Performance Acknowledgement (Industry Recognized)

COURSE NAME	CERTIFICATIONS & LICENSES OPPORTUNITIES	CCMR or PA
Agriculture, Food & Natural Resources		
Advanced Animal Science	Elanco Fundamentals of Animal Science	
Veterinary Medical Applications	Elanco Veterinary Medical Applications & CareerSafe OSHA 10	
Veterinary Medical Applications	Veterinary Medical Assistant Level 1	CCMR/PA
Practicum in Agriculture, Food & Natural Resources		
Livestock Production	NCLA Principles of Livestock Selection & Evaluation	
Small Animal Management	Canine Care Training Program	
Arts, A/V Technology & Communications		
Graphic Design & Illustration II	Adobe Photoshop Creative Cloud	
Graphic Design & Illustration II Lab		
Practicum in Audio/Video Production	Adobe PhotoShop CC & Adobe InDesign CC	
Commercial Photography II	Adobe PhotoShop CC & Adobe InDesign CC	
Commercial Photography II Lab		
Graphic Design & Illustration II	Adobe Certified Associate Creative Cloud	
Graphic Design & Illustration II Lab		
Architecture and Construction		
Construction Technology	CareerSafe OSHA 10	
Business, Management & Administration		
Business Information Management I	Microsoft Office Specialist (MOS) 2016	CCMR/PA
Business Information Management II		
Practicum in Business Management		
Finance		
Accounting II	Quick Books	CCMR/PA
Health Science		
Emergency Medical Technician Basic	Emergency Medical Technician Basic Emergency Medical Responder	CCMR/PA
Practicum in Health Science-C.N.A.	Certified Nurse Aide, PCT Patient Care Certification	CCMR/PA
Practicum in Health Science-Pharmacy Tech	Registered Pharmacy Technician & IV Sterile Products	CCMR/PA
Phlebotomy Theory	Phlebotomy Technician, PCT Patient Care Certification	CCMR/PA
Phlebotomy Lab		
Any Health Science student may take the EKG certification through Brookhaven College.		
Hospitality & Tourism		
Culinary Arts	ServSafe Food Handler	
Human Services		
Introduction to Cosmetology	Texas Department of Licensing & Regulation (TDLR) Cosmetology Operators License & Instructors License	CCMR/PA
Cosmetology I		
Cosmetology II		
Information Technology		
Computer Maintenance, or Networking, or CyberSecurity	CompTIA A+ Essentials & CompTIA A+ Practical Application	CCMR/PA
Manufacturing		
Welding I	CareerSafe OSHA 10	CCMR/PA
Welding II	AWS Welding Certification-Spring 2018	
Transportation, Distribution & Logistics		
Auto Basics	Valvoline Oil change	
Automotive Technology I	CareerSafe OSHA 10	CCMR/PA
Automotive Technology II	ASE Series (Brakes, Electrical, Suspension, Maintenance LR, Refrigeration Recover Recycling, Auto Service Tech, HVAC, Intro to Auto, Mobile Refrigerant)	
Practicum in Transportation Systems		
Collision Repair	S/P 2 Safety & Pollution Certification Series	
Paint & Refinishing	I-Car Intro to Collision Repair Series	

UIL ELIGIBILITY AND ADVANCED CLASSES

According to SB 1517 and Section 33.081 of the Texas Education Code, students enrolled in identified advanced courses including *Advanced Placement*, *International Baccalaureate*, *Pre-AP* and *Dual Credit* are eligible for exemption from the state's *No-Pass, No-Play* policy. Additionally local school boards are authorized to identify and approve a listing of such "advanced" courses and set the exemption standard students must meet to retain UIL eligibility. The courses listed below have been identified as "advanced" by the CFBISD Board and students earning grades below 70 at the end of an evaluation period can retain UIL eligibility. Students earning grades below 60 can retain UIL eligibility if they meet the following standards:

English I Pre AP	Latin 3 Pre AP	AP Government	UT OnRamps Physics
English I Global Experience	World Languages	U.S. History AP	AP Environmental Science
English II Pre AP	Latin 4 Pre AP	World History Pre AP	Anatomy and Physiology
English II World Experience	World Languages	World History AP	AP Computer Science 1A
English III AP English Language & Composition	German III Pre AP	World Geography Pre AP	AP Computer Science Principles
English IV AP English Literature & Composition	World Languages	World Geography Honors	Computer Science Technology Applications
English I Honors	German IV Pre AP	World History Honors	Independent Study
English II Honors	World Languages	IB History of the Americas I	Academy AP
IB English III	French III Honors	IB History of the Americas II	Computer Science I
IB English IV	IB French 4	AP Economics (Macro)	IB Art/Design I
UT OnRamps English IV	French III Pre AP	AP Economics (Micro)	IB Art/Design II
Algebra II Pre AP	World Languages	AP Psychology	AP Art History
College Algebra/Trig	French IV Pre AP	AP European History	AP Studio Art/2-D Design Portfolio
UT onRamps College Algebra	World Languages	U. S. History Pre AP	AP Studio Art/3-D Design Portfolio
Algebra II Honors	French V AP	UT OnRamps U.S. History	AP Studio Art/Drawing Portfolio
Pre-Calculus	World Languages	AP/IB/GT Human Geography	IB Theory of Knowledge
Pre-Calculus Pre AP	Japanese III Pre AP	AP/IB/GT World History	IB Theatre I
UT OnRamps Pre-Calculus	World Languages	Biology Pre AP	IB Theatre II
AP Calculus AB	Spanish IV AP Language	Biology Honors	Biotechnical Engineering
AP Calculus BC	World Languages	AP Biology	Civil Engineering and Architecture
AP Statistics	Spanish V AP Literature	IB Biology I	Introduction to Engineering Design
Geometry Pre AP	World Languages	IB Biology II	Principles of Engineering
Geometry Honors	Spanish III Pre AP	Chemistry Honors	S&E Section Engineering Design and Presentation
IB Mathematics: Applications & Interpretations	World Languages	Chemistry Pre AP	Robotics 1
IB Mathematics: Analysis & Approaches 1	Spanish III Pre AP	AP Chemistry	Robotics 2
IB Mathematics: Analysis & Approaches 2	Native Speaker	IB Chemistry 1	Engineering Design and Problem Solving
IB Music I	Spanish IV Pre AP	IB Chemistry 2	Principles of Bioscience
AP Music Theory	World Languages	Physics Pre AP	
	Spanish V Pre AP	AP Physics	
	Native Speaker	AP Physics C Electricity & Magnetism	
	Spanish III Honors	AP Physics C Mechanics	
	IB Spanish IV	Physics	
	IB Spanish V	IB Physics 1	
	Chinese III Pre AP	IB Physics 2	
	Chinese IV AP		



Click here for
DII Academic
Requirements

DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletics scholarships, and/or compete during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:

<div style="background-color: #2c4e64; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> ENGLISH </div> <div style="background-color: #2c4e64; color: white; padding: 10px; border-radius: 0 0 10px 10px;"> 4 years </div>	<div style="background-color: #2c4e64; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> MATH (Algebra I or higher) </div> <div style="background-color: #2c4e64; color: white; padding: 10px; border-radius: 0 0 10px 10px;"> 3 years </div>	<div style="background-color: #2c4e64; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered) </div> <div style="background-color: #2c4e64; color: white; padding: 10px; border-radius: 0 0 10px 10px;"> 2 years </div>	<div style="background-color: #2c4e64; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> ADDITIONAL (English, math, or natural/physical science) </div> <div style="background-color: #2c4e64; color: white; padding: 10px; border-radius: 0 0 10px 10px;"> 1 year </div>	<div style="background-color: #2c4e64; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> SOCIAL SCIENCE </div> <div style="background-color: #2c4e64; color: white; padding: 10px; border-radius: 0 0 10px 10px;"> 2 years </div>	<div style="background-color: #2c4e64; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy) </div> <div style="background-color: #2c4e64; color: white; padding: 10px; border-radius: 0 0 10px 10px;"> 4 years </div>
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Full Qualifier

- Complete 16 core courses.
 - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Academic Redshirt

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will **NOT** be used in his or her academic certification.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division I college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division I requirements.

For more information on the SAT, click [here](#) to visit the College Board's website.

DIVISION I FULL QUALIFIER SLIDING SCALE			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.550	400	400	37
3.525	410	410	38
3.500	430	420	39
3.475	440	430	40
3.450	460	440	41
3.425	470	450	41
3.400	490	460	42
3.375	500	470	42
3.350	520	480	43
3.325	530	490	44
3.300	550	500	44
3.275	560	510	45
3.250	580	520	46
3.225	590	530	46
3.200	600	540	47
3.175	620	550	47
3.150	630	560	48
3.125	650	570	49
3.100	660	580	49
3.075	680	590	50
3.050	690	600	50
3.025	710	610	51
3.000	720	620	52
2.975	730	630	52
2.950	740	640	53
2.925	750	650	53
2.900	750	660	54
2.875	760	670	55
2.850	770	680	56
2.825	780	690	56
2.800	790	700	57
2.775	800	710	58

DIVISION I FULL QUALIFIER SLIDING SCALE			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
2.750	810	720	59
2.725	820	730	60
2.700	830	740	61
2.675	840	750	61
2.650	850	760	62
2.625	860	770	63
2.600	860	780	64
2.575	870	790	65
2.550	880	800	66
2.525	890	810	67
2.500	900	820	68
2.475	910	830	69
2.450	920	840	70
2.425	930	850	70
2.400	940	860	71
2.375	950	870	72
2.350	960	880	73
2.325	970	890	74
2.300	980	900	75
2.299	990	910	76
2.275	990	910	76
2.250	1000	920	77
2.225	1010	930	78
2.200	1020	940	79
2.175	1030	950	80
2.150	1040	960	81
2.125	1050	970	82
2.100	1060	980	83
2.075	1070	990	84
2.050	1080	1000	85
2.025	1090	1010	86
2.000	1100	1020	86

ACADEMIC REDSHIRT

*Final concordance research between the new SAT and ACT is ongoing.



2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after Aug. 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:

<div style="background-color: #1a3d4d; color: white; padding: 10px; margin-bottom: 5px;">ENGLISH</div> <div style="background-color: #1a3d4d; color: white; padding: 10px; margin-bottom: 5px;">3 years</div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; margin-bottom: 5px;">MATH (Algebra I or higher)</div> <div style="background-color: #1a3d4d; color: white; padding: 10px; margin-bottom: 5px;">2 years</div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; margin-bottom: 5px;">NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)</div> <div style="background-color: #1a3d4d; color: white; padding: 10px; margin-bottom: 5px;">2 years</div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; margin-bottom: 5px;">ADDITIONAL (English, math, or natural/physical science)</div> <div style="background-color: #1a3d4d; color: white; padding: 10px; margin-bottom: 5px;">3 years</div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; margin-bottom: 5px;">SOCIAL SCIENCE</div> <div style="background-color: #1a3d4d; color: white; padding: 10px; margin-bottom: 5px;">2 years</div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; margin-bottom: 5px;">ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)</div> <div style="background-color: #1a3d4d; color: white; padding: 10px; margin-bottom: 5px;">4 years</div>
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Full Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Partial Qualifier:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division II college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. You may take the SAT or ACT an unlimited number of times before you enroll full time in college. If you take either test more than once, the best subscores from each test are used for the academic certification process.

For more information on the SAT, click [here](#) to visit the College Board's website.

DIVISION II FULL QUALIFIER SLIDING SCALE			
USE FOR DIVISION II BEGINNING AUGUST 2018			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.300 & above	400	400	37
3.275	410	410	38
3.250	430	420	39
3.225	440	430	40
3.200	460	440	41
3.175	470	450	41
3.150	490	460	42
3.125	500	470	42
3.100	520	480	43
3.075	530	490	44
3.050	550	500	44
3.025	560	510	45
3.000	580	520	46
2.975	590	530	46
2.950	600	540	47
2.925	620	550	47
2.900	630	560	48
2.875	650	570	49
2.850	660	580	49
2.825	680	590	50
2.800	690	600	50
2.775	710	610	51
2.750	720	620	52
2.725	730	630	52
2.700	740	640	53
2.675	750	650	53
2.650	750	660	54
2.625	760	670	55
2.600	770	680	56
2.575	780	690	56
2.550	790	700	57
2.525	800	710	58
2.500	810	720	59
2.475	820	730	60
2.450	830	740	61
2.425	840	750	61
2.400	850	760	62
2.375	860	770	63
2.350	860	780	64
2.325	870	790	65
2.300	880	800	66
2.275	890	810	67
2.250	900	820	68
2.225	910	830	69
2.200	920	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE			
USE FOR DIVISION II BEGINNING AUGUST 2018			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.050 & above	400	400	37
3.025	410	410	38
3.000	430	420	39
2.975	440	430	40
2.950	460	440	41
2.925	470	450	41
2.900	490	460	42
2.875	500	470	42
2.850	520	480	43
2.825	530	490	44
2.800	550	500	44
2.775	560	510	45
2.750	580	520	46
2.725	590	530	46
2.700	600	540	47
2.675	620	550	47
2.650	630	560	48
2.625	650	570	49
2.600	660	580	49
2.575	680	590	50
2.550	690	600	50
2.525	710	610	51
2.500	720	620	52
2.475	730	630	52
2.450	740	640	53
2.425	750	650	53
2.400	750	660	54
2.375	760	670	55
2.350	770	680	56
2.325	780	690	56
2.300	790	700	57
2.275	800	710	58
2.250	810	720	59
2.225	820	730	60
2.200	830	740	61
2.175	840	750	61
2.150	850	760	62
2.125	860	770	63
2.100	860	780	64
2.075	870	790	65
2.050	880	800	66
2.025	890	810	67
2.000	900	820 & above	68 & above

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.



COURSE DESCRIPTIONS



ENGLISH LANGUAGE ARTS

All students shall complete four units of English Language Arts. The first three required units may be fulfilled by the following courses: English I, II, III, or Pre-AP English I, II, III, AP English III, Pre-IB English I, II, III, or IB English III. The fourth required unit may be fulfilled by taking an authorized advanced English course.

A maximum of two of the four units of English required for graduation may be English for Speakers of Other Languages (ESOL). All credits earned in ELL which are not counted toward the graduation requirement in English may be counted as electives in meeting state graduation requirements.

FRESHMAN LEVEL COURSES

1010 ENGLISH I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

Provides an integrated focus on reading, writing, research, listening and speaking, and oral and written conventions (the TEKS, ELPS, and CCRS). Students will participate in a general review of grammar in context of their writing. The course includes studies of the short story, non-fiction, poetry, novel, and drama. The development of critical reading and critical writing skills is a major emphasis of this course.

1912 ENGLISH I FOR SPEAKERS OF OTHER LANGUAGES (ESOL I)

GRADE PLACEMENT: 9
PREREQUISITE: BEGINNER OR INTERMEDIATE ENGLISH LANGUAGE PROFICIENCY
CREDIT: 1 UNIT

Provides an integrated focus on reading, writing, research, listening and speaking, and oral and written conventions (the TEKS, ELPS, and CCRS) using ESL methodology for students who are at the beginner or intermediate language proficiency levels. The course includes studies of the short story, non-fiction, poetry, novel, and drama. The development of critical reading and critical writing skills is a major emphasis of this course. This course meets English I graduation requirements.

9401 FUNDAMENTALS OF ENGLISH I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

Focuses on language skills and reading concepts that are based on the modified content of the TEKS. Includes a study of literature, personal writing, and an introduction to research skills. Satisfies English credit for graduation.

9201 APPLIED ENGLISH I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

Provides an integrated focus on reading, writing, research, listening, and speaking, and oral and written conventions (the TEKS, ELPS, and CCRS) aligned with content modifications stipulated by the students IEP. The course includes studies of the short story, non-fiction, poetry, novel, and drama. The development of critical reading and critical writing skills is a major emphasis of this course. This course meets English I graduation requirements.

9101 DEVELOPMENTAL ENGLISH I

CREDIT: 1 UNIT

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.
RLT campus only

0300 PAS ENGLISH I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

Provides a yearlong program of interrelated language skills with study in the areas of reading, writing, speaking and listening. Includes a study of literature, personal and creative writing, and introductory research skills. Includes development of a writing portfolio. Instructional techniques will vary to accommodate the student's IEP/BIP.

ENGLISH LANGUAGE ARTS

1070 PRE AP ENGLISH I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

Extends curriculum of English I with more depth and complexity. Students will participate in a general review of grammar in context of their own writing. Strong attention will be given to the development of composition and critical reading skills. Vocabulary development and outside reading will complement each credit of study. All literature study will be supported by a writing component.

1401 HONORS ENGLISH I

GRADE PLACEMENT: 9
PREREQUISITE: IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT

Develops in the student a personal appreciation of literature, skills in literary criticism and research, strong written and oral skills, respect for the literary heritage of English, and an international perspective. Honors English I is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only.

1015 PRE-AP/HONORS/GT ENGLISH I GLOBAL EXPERIENCE

GRADE PLACEMENT: 9
PREREQUISITE: ACE/LEAP IDENTIFIED TAKEN WITH 7615
CREDIT: 1 UNIT

Offers an interdisciplinary curriculum with Pre AP English I and AP Human Geography providing the major content in a humanities format. Emphasis is on assisting students to develop an understanding of the changes in a global society. Students in this course will receive accelerated grade points for AP Human Geography and Pre AP English I. Designed for identified gifted students.

1914 ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION (ELDA) A **NEW!**

GRADE PLACEMENT: 9-12
PREREQUISITE: 12 MONTHS OR LESS IN US SCHOOLS – OLPT = LEVEL 0,1
CREDIT: 1 UNIT - ELECTIVE

Provides a first semester of instructional opportunities for students with little or no English proficiency. These students have scored below the designated level on state-approved English oral language proficiency test and have been in the USA fewer than 12 months. This class must be taken concurrently with a corequisite language arts course. Recommended corequisites: ESOL I, ESOL II, ELA I or ELA II. Students may take this course with a different corequisite for a maximum of two credits. This course does not fulfill English I graduation requirements.

SOPHOMORE LEVEL COURSES

1151 ENGLISH II

GRADE PLACEMENT: 10
PREREQUISITE: ENGLISH I
CREDIT: 1 UNIT

Provides an integrated study focusing on the English II TEKS, ELPS, and CCRS while extending on language skills. The course includes study of various literary genres, including the short story, poetry, drama, non-fiction, and the novel. All students will participate in the recursive writing process. Emphasis in both semesters will be placed on vocabulary development, composition skills (with a focus on persuasive), critical reading and critical writing skills.

ENGLISH LANGUAGE ARTS

1913 ENGLISH II FOR SPEAKERS OF OTHER LANGUAGES (ESOL II)

GRADE PLACEMENT: 10

PREREQUISITE: BEGINNER OR INTERMEDIATE ENGLISH LANGUAGE PROFICIENCY

CREDIT: 1 UNIT

Provides instruction in the English II TEKS for beginner and intermediate level limited English proficient (LEP) students enrolled in ESL to build English language proficiency. Students are placed in this course according to their current level of English proficiency. This course does meet the graduation requirement for English II, so students who take this course **do not take English II for credit**.

9402 FUNDAMENTALS OF ENGLISH II

GRADE PLACEMENT: 10

CREDIT: 1 UNIT

Provides an integrated study focusing on the English II TEKS as modified by the individual student's IEP. The course includes study of various literary genres including the short story, including the short story, poetry, drama, non-fiction, and the novel. All students will participate in the recursive writing process. Emphasis in both semester will be placed on vocabulary development, composition skills (with a focus on persuasive), critical reading and critical writing skills. This course meets English II graduation requirements.

9202 APPLIED ENGLISH II

GRADE PLACEMENT: 10

CREDIT: 1 UNIT

Student will focus on expansion of language skills and basic written formal communication. Adapted to meet the needs outlined in student's IEP.

9102 DEVELOPMENTAL ENGLISH II

CREDIT: 1 UNIT

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

RLT campus only.

0302 PAS ENGLISH II

GRADE PLACEMENT: 10

CREDIT: 1 UNIT

Provides a yearlong interrelated study of the four skills required for effective communication: reading, writing, speaking and listening. Includes the study of literature through various genres. Students continue the development of a writing portfolio. Instructional techniques will vary to accommodate the student's IEP/BIP.

1171 PRE AP ENGLISH II

GRADE PLACEMENT: 10

PREREQUISITE: ENGLISH I

CREDIT: 1 UNIT

Extends the curriculum of English II with more depth and complexity. Students will review writing skills and extend their study of vocabulary, the short story, novel, poetry, non-fiction and drama. Strong attention will be given to the development of composition and critical reading skills. Outside reading assignments will be expected. All literature study will be supported by a writing component.

1402 HONORS ENGLISH II

GRADE PLACEMENT: 10

PREREQUISITE: HONORS ENGLISH I OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

Continues to develop in the student a personal appreciation of literature, skills in literary criticism and research, strong written and oral skills, respect for the literary heritage of English, and an international perspective. Honors English II is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only.

ENGLISH LANGUAGE ARTS

1115 Pre-AP/HONORS/GT ENGLISH II WORLD EXPERIENCE

GRADE PLACEMENT: 10
PREREQUISITE: ACE/LEAP IDENTIFIED TAKEN WITH 7975
CREDIT: 1 UNIT

Provides an interdisciplinary approach integrating Pre AP English II and AP World History for identified gifted students. Enables students to discover and appreciate how mankind, through the ages, has dealt with universal problems as reflected in literature, politics, economics, culture, and the arts. Students will receive accelerated grade points for Pre AP English II and AP World History.

JUNIOR LEVEL COURSES

1210 ENGLISH III

GRADE PLACEMENT: 11
PREREQUISITE: ENGLISH II
CREDIT: 1 UNIT

Provides an integrated study focusing on the English III TEKS, ELPS, and CCRS. All students will participate in the recursive writing process. This course continues emphasis on composition skills, vocabulary skills and literary analysis, and research skills. The student will explore English as a developing and changing language. All literary study is supported by a writing component.

9403 FUNDAMENTALS OF ENGLISH III

GRADE PLACEMENT: 11
CREDIT: 1 UNIT

Provides an integrated study focusing on the English III TEKS as modified by the individual student's IEP. All students will participate in the recursive writing process. This course continues the emphasis on composition skills, vocabulary skills, literacy analysis, and research skills. The student will explore English as a developing and changing language. All literary study is supported by a writing component. This course meets English III graduation requirements.

9203 APPLIED ENGLISH III

GRADE PLACEMENT: 11
CREDIT: 1 UNIT

Student will continue to focus on expressive and receptive language skills. Adapted to meet the needs outlined in student's IEP.

9103 DEVELOPMENTAL ENGLISH III

CREDIT: 1 UNIT

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

RLT campus only.

0304 PAS ENGLISH III

GRADE PLACEMENT: 11
CREDIT: 1 UNIT

Provides a survey of American literature chronologically from the beginning of literary development in the United States through contemporary times. Integrates writing skills with the study of literature and the research process. Instructional techniques will vary to accommodate the student's IEP/BIP.

1403 IB ENGLISH III (HL)

GRADE PLACEMENT: 11
PREREQUISITE: WORLD EXPERIENCE OR PRE-DIPLOMA ENGLISH 2 AND/OR IB DIPLOMA PROGRAMME
ADMISSION
CREDIT: 1 UNIT

Explores an intensive study of world literature and transcendent global themes and is ideally suited for the gifted/advanced student. Research projects are required. IB English 3 will begin to fulfill one of the three required Higher Level components for the IB Diploma candidate, provided that the student enrolls in IB English 4 the following year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only.

ENGLISH LANGUAGE ARTS

1221 AP ENGLISH III - ENGLISH LANGUAGE AND COMPOSITION

GRADE PLACEMENT: 11
PREREQUISITE: ENGLISH II
CREDIT: 1 UNIT

Uses instructional strategies designed for the college bound student who excels in the composition process and the study of rhetoric and literature. The curriculum includes a review of the conventions of English, composition, and research skills with a continued emphasis on outside reading and vocabulary building. Strong attention will be given to the development of composition and critical reading skills. Literary emphasis is on the development of American culture and ideas. This course prepares the student to take the AP Language exam.

SENIOR LEVEL COURSES

1310 ENGLISH IV

GRADE PLACEMENT: 12
PREREQUISITE: ENGLISH III
CREDIT: 1 UNIT

Provides an integrated study focusing on the English IV TEKS, ELPs, and CCRS. All students will participate in the recursive writing process. The course also includes an intense study of composition and research skills. Literary emphasis is on the development of British literature and ideas.

9404 FUNDAMENTALS OF ENGLISH IV

GRADE PLACEMENT: 12
CREDIT: 1 UNIT

Provides an integrated study focusing on the English IV TEKS as modified by the individual student's IEP. All students will participate in the recursive writing process. The course also includes an intense study of composition and research skills. Literary emphasis is on the development of British literature and ideas. This course meets English IV graduation requirements.

9204 APPLIED ENGLISH IV

GRADE PLACEMENT: 12
CREDIT: 1 UNIT

Student will focus on employment and independent living language development through social activities. Adapted to meet the needs outlined in student's IEP.

9104 DEVELOPMENTAL ENGLISH IV

CREDIT: 1 UNIT

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

RLT campus only.

0306 PAS ENGLISH IV

GRADE PLACEMENT: 12
CREDIT: 1 UNIT

Provides a survey of English literature tracing the development of literary forms and movements through the reading of representative selections from significant British writers. The course also includes an intense study of composition and research skills. Instructional techniques will vary to accommodate the student's IEP/BIP.

9205 APPLIED ENGLISH PLUS

GRADE PLACEMENT: 12
CREDIT: 1 UNIT

Student will focus on understanding generalizations in real life context, the responsibilities of independent living and skills related directly to employment. Adapted to meet the needs outlined in student's IEP.

ENGLISH LANGUAGE ARTS

9105 DEVELOPMENTAL ENGLISH PLUS

CREDIT: 1 UNIT

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

RLT campus only.

1979 AP ENGLISH IV - LITERATURE AND COMPOSITION

GRADE PLACEMENT: 12

PREREQUISITE: ENGLISH III

CREDIT: 1 UNIT

Extends on the curriculum of English IV with more depth and complexity and offers a college-level course for students focusing on poetry, drama, fiction and prose. Includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays. This course prepares the student to take the AP Literature Exam.

1404 IB ENGLISH IV (HL)

GRADE PLACEMENT: 12

PREREQUISITE: IB ENGLISH 3 AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

Continues the intensive study of world literature and transcendent global themes begun in IB English 3. The course is ideally suited for the gifted/advanced student. Research projects are required. IB English 4 will fulfill one of the three required Higher Level components for the IB Diploma candidate, provided that the student earned credit in IB English 3 the previous year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only.

1320 UT ONRAMPS ENGLISH IV RHETORIC

UT GRADE PLACEMENT: 11-12

PREREQUISITE: ENGLISH II AND ENGLISH III

CREDIT: 1 UNIT

Over the course, students analyze the various positions held in any public debate and learn to advocate their own positions effectively in a series of case studies regarding race, gender, and ethnicity. In the fall, students explore the ethics of argumentation and what it means to “fairly” represent someone with whom they disagree. By the spring, students are ready to analyze and compose arguments about American identity and identity formation, both personal and cultural. The goal is to foster students’ abilities to analyze arguments presented by others and to write sound and effective arguments of their own — abilities that contribute meaningfully to their academic, professional, personal, and civic lives.

*This course provides the same college credit options as AP Language and Composition.

1321 INDEPENDENT STUDY IN ENGLISH

GRADE PLACEMENT: 12

CREDIT: 1 UNIT

Focuses student learning on a special project in reading, writing, speaking or research. Student products are negotiable.

ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE ARTS ELECTIVES

1609 READING I

GRADE PLACEMENT: 9-12
PREREQUISITE: READING TWO OR MORE YEARS BELOW GRADE LEVEL
CREDIT: 1 UNIT

1610 READING II

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

1611 READING III

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

Emphasizes individual improvement in reading comprehension, vocabulary development, reading rate, study skills, listening skills, and reading for pleasure. Suggested as an appropriate elective for students having difficulty mastering the STAAR reading subtest.

1617 FUNDAMENTALS OF READING I

(ACCELERATED READING)
GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

1618 FUNDAMENTALS OF READING II

(ACCELERATED READING)
GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT (LOCAL)

1619 FUNDAMENTALS OF READING III

(ACCELERATED READING)
GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT

Emphasizes individual improvement in reading comprehension, vocabulary development, and reading fluency through a combination of instructional, modeled, and independent reading components. Students will increase study skills, listening skills, and gain more appreciation for pleasure reading.

1613 iLit

GRADE PLACEMENT: 9-10
PREREQUISITE: TEST SCORES
CREDIT: 1 UNIT READING; 1 UNIT ENGLISH

The objective of the iLit program is to provide systematic instruction to improve achievement levels in reading, writing, and vocabulary. iLit classroom is a special place for reading, learning, and sharing ideas that support and build academic language. The instructional sessions will include both Whole Group Instruction and Small-Group Rotations. It is an intensive reading intervention program and has been proven effective for those students needing additional support in reading. Students will receive an English and Reading credit for this course.

1640 STAAR ELA

GRADE PLACEMENT: 10-12
PREREQUISITE: NON MASTERY OF PREVIOUS STAAR EOC
CREDIT: 1/2 UNIT (LOCAL)

Uses the results of the student's previous STAAR assessment to focus on the individual needs of the student to assist the student in passing the required state exam.

1154 CREATIVE WRITING

GRADE PLACEMENT: 9-12
CREDIT: 1/2 UNIT

Explores the principles of expressive writing. All students will demonstrate an understanding of the recursive writing process. Uses the process approach to composition to help students develop fluency, voice, audience awareness, and editing strategies/ techniques needed to become life-long writers.

ENGLISH LANGUAGE ARTS

1155 ADVANCED CREATIVE WRITING

GRADE PLACEMENT: 10-12
PREREQUISITE: CREATIVE WRITING
CREDIT: 1/2 UNIT

Focuses on producing two major, long pieces of writing. All students will demonstrate an understanding of the recursive writing process. Students edit and revise both their work and their peers' work with the knowledge that both pieces will be submitted for publication outside the school.

1322 RESEARCH/TECHNICAL WRITING

GRADE PLACEMENT: 12
CREDIT: 1/2 UNIT

Allows students to develop skills necessary for writing persuasive and informative texts such as essays, reports, proposals, and memoranda. 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 his/her own writing as well as the writing of others insures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop and apply criteria for effective writing, and set their own goals as writers.

1323 PRACTICAL WRITING SKILLS

GRADE PLACEMENT: 12
CREDIT: 1/2 UNIT

Allows students to develop skills necessary for composing business letters and requests for information, as well as for completing job applications and resumes. This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, and the effective use of vocabulary. Students are expected to understand the recursive nature of the writing process. Evaluation of students' own writing as well as the writing of others insures that students completing this course are able to analyze and evaluate their writing.

1324 COLLEGE PREPARATORY COURSE ENGLISH LANGUAGE ARTS

GRADE PLACEMENT: 12
CREDIT: 1 UNIT

This course is intended for 12th grade students whose performance on an EOC exam does not meet college readiness standards; or coursework, college entrance exam, or higher education screener indicated the student is not ready for college-ready coursework. College Prep English is designed to help students meet college entrance requirements (TSI testing) and to be ready for entry-level college ELA coursework. Students will engage in a concentrated study of analytical reading and writing processes to prepare for career and college opportunities. Instruction in this course will align to the Texas Career and College Readiness Standards (CCRS), the Texas Essential Knowledge and Skills (TEKS) of English IV, as well as Texas Success Initiative Framework for College Reading. This course may count as an Advanced English credit to earn an endorsement under the Foundation High School Program.

1910 SOCIAL INTELLIGENCE FOR ESL STUDENTS (SIESL)

GRADE PLACEMENT: 9-12
PREREQUISITE: 12 MONTHS OR LESS IN US SCHOOLS OLPT = LEVEL 0.1
CREDIT: 1 UNIT

This Course provides ESL students with the necessary knowledge and skills required for successful adaptation to a new community and educational environment. Students will learn skills to navigate through social situations, such as conflict resolution, communication, decision-making, cultural awareness, etc.

9206 APPLIED READING I

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

NEW!

9207 APPLIED READING II

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

Adapted to meet the needs outlined in student's IEP; students will focus on reading comprehension, vocabulary development, and reading fluency based on modified content of the TEKS.

MATHEMATICS

All students shall complete four units of Mathematics at the high school level. The first three required units may be fulfilled by the following courses: Algebra I, Geometry, or Algebra II (Math Models may be considered with counselor approval). The fourth required unit may be fulfilled by taking an authorized advanced Mathematics Course.

4650 ALGEBRA I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

Uses a variety of representations (concrete, numerical, algorithmic, and graphical) to expand the understanding of functions, linear functions and quadratic and other nonlinear functions. Graphing calculators will be used extensively in this course.

9411 FUNDAMENTALS OF ALGEBRA I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

Uses a variety of representations (concrete, numerical, algorithmic, and graphical) to expand the understanding of functions, linear functions, and quadratic and other nonlinear functions. Content is modified by the individual student's IEP. Graphing calculators will be used extensively in this course. This course meets Algebra I graduation requirements.

0326 PAS ALGEBRA I

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Uses a variety of representations (concrete, numerical, algorithmic, and graphical) to expand the understanding of functions, quadratic, linear functions and other nonlinear functions. Instructional techniques will vary to accommodate the student's IEP/BIP.

7693 STEP UP

GRADE PLACEMENT: 9-11
CREDIT: 1 UNIT (LOCAL)

Leads students back through arithmetic to fill in holes or realign their understanding from an algebraic perspective. The course covers essential Algebra I concepts and is designed to develop students' conceptual strength and reasoning prowess. Graphing calculators will be used extensively in this course. Technology programs will be integrated throughout the course. Step Up is taken concurrently with Algebra I.

9414 FUNDAMENTAL STEP-UP

GRADE PLACEMENT: 9-11
REQUIRES CONCURRENT ENROLLMENT IN FUNDAMENTALS OF ALGEBRA I
CREDIT: 1 UNIT

Leads students back through arithmetic to fill in holes or realign their understanding from an algebraic perspective. The course covers essential Algebra I concepts and is designed to develop students' conceptual strength and reasoning prowess. Graphing calculators will be used extensively in this course. Technology programs will be integrated throughout the course. Fundamentals of Step Up is taken concurrently with Fundamentals of Algebra I. Modifications are aligned with the student's IEP.

4785 STAAR MATHEMATICS

GRADE PLACEMENT: 9-12
PREREQUISITE: NON-MASTERY OF PREVIOUS STAAR MATH
CREDIT: 1/2 UNIT - LOCAL CREDIT

Focuses on the objectives needed to be successful on the STAAR exam, which is required for graduation, based on the individual student's previous STAAR analysis. Graphing calculators will be used extensively in this course.

4670 GEOMETRY

GRADE PLACEMENT: 9-10
PREREQUISITE: ALGEBRA I
CREDIT: 1 UNIT

Uses a variety of representations (concrete, pictorial, algebraic, and coordinate) to expand the understanding of geometric structure, patterns, dimensionality, congruence and similarity. Graphing calculators will be used extensively in this course. Technology programs will be integrated throughout the course.

MATHEMATICS

9412 FUNDAMENTALS OF GEOMETRY

GRADE PLACEMENT: 10
CREDIT: 1 UNIT

Uses a variety of representations (concrete, pictorial, algebraic, and coordinate) to expand the understanding of geometric structure, patterns, dimensionality, congruence, and similarity aligned with content modifications stipulated by the student's IEP. Graphing calculators will be used extensively in this course. This course meets the Geometry graduation requirement.

0330 PAS GEOMETRY

GRADE PLACEMENT: 10
CREDIT: 1 UNIT

Uses a variety of representations (concrete, Pictorial, algebraic and coordinate) to expand the understanding of geometric structure, patterns, dimensionality, congruence and similarity. Instructional techniques will vary to accommodate the student's IEP/BIP.

4680 PRE AP GEOMETRY

GRADE PLACEMENT: 9 - 10
PREREQUISITE: ALGEBRA I
CREDIT: 1 UNIT

Uses the same content as Geometry, but major emphasis is placed upon the development of logical thinking in the writing of complex geometric proofs and the application of geometric concepts of algebra and trigonometry. Graphing calculators will be used extensively in this course. Technology programs will be integrated throughout the course.

1412 HONORS GEOMETRY

GRADE PLACEMENT: 9-10
PREREQUISITE: ALGEBRA OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT

Expands the understanding of geometric structure, patterns, dimensionality, congruence, and similarity. The focus is on problem-solving and situational application of math concepts. Graphing calculators will be used extensively and technology programs will be integrated throughout the course. Honors Geometry is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only.

4690 ALGEBRA II

GRADE PLACEMENT: 9 - 12
PREREQUISITE: ALGEBRA I AND GEOMETRY
CREDIT: 1 UNIT

Uses a variety of representations (concrete, numerical, algorithmic, graphical) to expand the understanding of functions, the relationship between algebra and geometry, quadratic, square root, rational, exponential and logarithmic functions. Graphing calculators will be used extensively in this course.

4700 PRE AP ALGEBRA II

GRADE PLACEMENT: 9 - 12
PREREQUISITE: ALGEBRA I AND GEOMETRY
CREDIT: 1 UNIT

Uses the same knowledge and skills as Algebra II, but the concepts of Trigonometry are an integral part. Students are expected to enroll in Pre-calculus upon completion of this course. Graphing calculators will be used extensively in this course.

1413 HONORS ALGEBRA II

GRADE PLACEMENT: 10
PREREQUISITE: PRE DIPLOMA GEOMETRY OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT

Expands the understanding of the relationship between algebra and geometry, quadratic, square root, rational, exponential and logarithmic functions. The focus is on problem-solving and situational application of math concepts. Graphing calculators will be used extensively and technology programs will be integrated throughout the course. Honors Algebra II is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only

MATHEMATICS

4652 ACCELERATED ALGEBRA I

GRADE PLACEMENT: 10-11

PREREQUISITE: ALGEBRA I WAS TAKEN WITH NOT CREDIT RECEIVED

CREDIT: 1 UNIT SEMESTER COURSE

Accelerated Algebra I is an Algebra I course that will be double-blocked for students to receive their full credit in a semester. They should have had Algebra I previously and not received credit. The course uses a variety of representations (concrete, numerical, algorithmic, and graphical) to expand the understanding of, linear, quadratic, and other nonlinear functions. Graphing calculators will be used extensively in this course.

4672 ACCELERATED GEOMETRY

GRADE PLACEMENT: 10-11

PREREQUISITE: ACCELERATED ALGEBRA I OR GEOMETRY WITH NO CREDIT RECEIVED

CREDIT: 1 UNIT SEMESTER COURSE

Accelerated Geometry is a Geometry course that will be double-blocked for students to receive their full credit in a semester. Students who took accelerated Algebra I for a semester and received credit can take the accelerated Geometry course. The course uses a variety of representations (concrete, numerical, algorithmic, and graphical) to expand the understanding of geometric structure, patterns, dimensionality, congruence and similarity. Graphing calculators will be used extensively in this course.

4710 MATHEMATICS MODELS WITH APPLICATIONS

GRADE PLACEMENT: 10-11

PREREQUISITE: ALGEBRA I

CREDIT: 1 UNIT

Teaches students to use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Graphing calculators will be used extensively in this course. Math Models provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices.

9413 FUNDAMENTALS OF MATH MODELS

GRADE PLACEMENT: 11

CREDIT: 1 UNIT

Teaches students to use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines with content modified as stipulated by student's IEP. Graphing calculators will be used extensively in this course. Satisfies math credit for graduation.

0311 PAS MATH MODELS

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

Teaches students to use algebraic, graphical and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Instructional techniques will vary to accommodate the student's IEP/BIP.

4769 PRE-CALCULUS

GRADE PLACEMENT: 10-12

PREREQUISITE: GEOMETRY AND ALGEBRA II

CREDIT: 1 UNIT

Presents an analytical view of the underlying structure of mathematics through the study of functions and the properties of limits and continuity and extends the concepts introduced in Algebra and Geometry. The course will provide a bridge to Advanced Placement Calculus AB and students are expected to enroll in Calculus upon successful completion of the course. Graphing calculators will be used extensively in this course.

4770 PRE AP PRE-CALCULUS

GRADE PLACEMENT: 10-12

PREREQUISITE: GEOMETRY AND ALGEBRA II

CREDIT: 1 UNIT

Presents an analytical view of the underlying structure of mathematics through the study of functions and the properties of limits and continuity and extends the concepts introduced in Algebra and Geometry. The course will provide a bridge to Advanced Placement Calculus BC and students are expected to enroll in Calculus upon successful completion of the course. Graphing calculators will be used extensively in this course.

MATHEMATICS

4772 UT ONRAMPS PRE-CALCULUS

UT GRADE PLACEMENT: 11-12
PREREQUISITE: GEOMETRY AND ALGEBRA II
CREDIT: 1 UNIT

In Discovery Pre-Calculus, students will deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so they can successfully work with the concepts in a rigorous university-level calculus course. This course is designed to push students well beyond “drill and kill” type exercises, with an emphasis on unpacking mathematical definitions and making logical arguments to their peers. The course is divided into seven units. Each unit consists of a series of explorations designed to engage students and empower them to develop their problem-solving skills. In each exploration, students will create connections with prior concepts in developing the current topic.

4796 ADVANCED QUANTITATIVE REASONING

GRADE PLACEMENT: 12
PREREQUISITE: ALGEBRA II
CREDIT: 1 UNIT

Designed for students who have completed Algebra II and need a fourth year math course that extends on mathematical concepts beyond Algebra II. The course study is focused on analyzing numerical data, probability, analyzing statistical studies, designing a study, a discrete look at change, other models of change, spatial and geometric modeling, networks and graphs, and decision making in finance as well as voting and selection process.

1414 HONORS PRE-CALCULUS

GRADE PLACEMENT: 10-12
PREREQUISITE: GEOMETRY AND ALGEBRA II
CREDIT: 1 UNIT

Provides an analytical view of the underlying structure of mathematics through the study of functions and the properties of limits and continuity and extends the concepts introduced in Algebra and Geometry. Graphing calculators will be used extensively in this course. Honors Pre-Calculus is intended to prepare the highly motivated, advanced student for future IB level coursework.

4780 AP CALCULUS AB

GRADE PLACEMENT: 11-12
PREREQUISITE: PRE-CALCULUS
CREDIT: 1 UNIT

Includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. It is equivalent to at least a semester of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout the course. Prepares the student to take the Advanced Placement examination for possible college credit.

4781 AP CALCULUS BC

GRADE PLACEMENT: 11-12
PREREQUISITE: PRE-CALCULUS
CREDIT: 1 UNIT

Includes all the topics of Calculus AB (techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus) plus additional topics in differential and integral calculus (including parametric, polar, and vector functions) and series. It is equivalent to at least a year of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout the course. Prepares the student to take the Advanced Placement examination for possible college credit.

4795 AP STATISTICS

GRADE PLACEMENT: 11-12
PREREQUISITE: ALGEBRA II
CREDIT: 1 UNIT

Introduces the major concepts and tools for collecting, analyzing and drawing conclusions from data. In addition, offers an examination for students desiring to earn credit for a one-semester, introductory, non-calculus based college course in statistics. Graphing calculators will be used extensively in this course. Technology programs will be integrated throughout the course.

MATHEMATICS

1416 IB MATHEMATICS ANALYSIS AND APPROACHES SL YEAR 1

NEW!

GRADE PLACEMENT: 9-12
CREDIT: 1

1417 IB MATHEMATICS ANALYSIS AND APPROACHES SL YEAR 2

GRADE PLACEMENT: 9-12
CREDIT: 1

The IB DP Mathematics: analysis and approaches course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. The focus is on developing important mathematical concepts in a comprehensible, coherent and rigorous way, achieved by a carefully balanced approach. Students are encouraged to apply their mathematical knowledge to solve abstract problems as well as those set in a variety of meaningful contexts. Mathematics: analysis and approaches has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. Students should expect to develop insight into mathematical form and structure, and should be intellectually equipped to appreciate the links between concepts in different topic areas.

IB Diploma Programme – at RHS campus only.

1418 IB MATHEMATICS APPLICATIONS AND INTERPRETATIONS SL

NEW!

GRADE PLACEMENT: 9-12
CREDIT: 1

The IB DP Mathematics: applications and interpretation course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modelling. To give this understanding a firm base, this course includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations.

IB Diploma Programme – at RHS campus only.

9211 APPLIED ALGEBRA I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

Student will focus on consumer awareness of basic math skills and how it relates to community and independent needs. Adapted to meet the needs outlined in student's IEP.

9111 DEVELOPMENTAL ALGEBRA I

CREDIT: 1 UNIT

Individualized instruction that emphasizes music and rhythm for students with severe cognitive and physical disabilities.
RLT campus only.

9212 APPLIED GEOMETRY

GRADE PLACEMENT: 10
CREDIT: 1 UNIT

Student will focus on consumer application in the use of money, problem solving and fundamental skills. Adapted to meet the needs outlined in student's IEP.

9112 DEVELOPMENTAL GEOMETRY

CREDIT: 1 UNIT

Individualized instruction emphasizes music and rhythm for students with severe cognitive and physical disabilities.
RLT campus only.

MATHEMATICS

9213 APPLIED MATH MODELS

GRADE PLACEMENT: 11

CREDIT: 1 UNIT

Student will focus on development and application of math skills in employment and independent living needs. Adapted to meet the needs outlined in student's IEP.

9113 DEVELOPMENTAL MATH MODELS

CREDIT: 1 UNIT

Individualized instruction emphasizes music and rhythm for students with severe cognitive and physical disabilities.
RLT campus only.

9214 APPLIED MATH PLUS

GRADE PLACEMENT: 12+

CREDIT: 1 UNIT

Student will continue to use a variety of practical real-life situations that facilitate the understanding of using mathematics in daily living exercises. Adapted to meet the needs outlined in student's IEP.

9114 DEVELOPMENTAL MATH PLUS

CREDIT: 1 UNIT

Individualized instruction emphasizes music and rhythm for students with severe cognitive and physical disabilities.
RLT campus only.

4787 COLLEGE PREPARATORY COURSE MATHEMATICS

GRADE PLACEMENT: 12

PREREQUISITE: ALGEBRA II

CREDIT: 1 UNIT

This course is intended for 12th grade students whose performance on the EOC exam does not meet college readiness standards; or coursework, college entrance exam, or higher education screener indicates the student is not ready for college-level coursework. College Prep Math is designed to help students meet college entrance requirements (TSI testing) and to be ready for entry-level college math coursework. Students will study linear, quadratic, polynomial, rational and radical expressions, equations and functions as well as probability and statistics. This course may count as a 4th mathematics credit to earn an endorsement under the Foundation High School Program.

4788 UT ONRAMPS COLLEGE ALGEBRA

UT

GRADE PLACEMENT: 11-12

PREREQUISITE: ALGEBRA I & ALGEBRA II

CREDIT: 1 UNIT

In this course, students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic. Students analyze data algebraically and with little to no technology while developing their knowledge of properties of functions, matrices and systems of equations, and complex numbers. The pedagogy of the course, Inquiry-Based Learning, encourages students to take an active role in the construction of their learning. This learning will be accomplished by abstraction, generalization, problem-solving, derivation of formulas, and modeling.

MATHEMATICS

MATHEMATICS – INDEPENDENT STUDY

THIS CREDIT MAY BE EARNED BY ENROLLING IN THE FOLLOWING COURSES: COLLEGE ALGEBRA, TRIGONOMETRY, CALCULUS III OR DIFFERENTIAL EQUATIONS.

4783 COLLEGE ALGEBRA – INDEPENDENT STUDY IN MATHEMATICS

GRADE PLACEMENT: 12
PREREQUISITE: ALGEBRA II
CREDIT: 1/2 UNIT

Reviews skills in intermediate algebra and further develops rational expressions, roots, exponents and radicals. Covers quadratic inequalities, relations, functions and graphs and systems of non-linear equations. Studies relations and functions including polynomial, rational, exponential, logarithmic, and special functions. Other topics include complex numbers, systems of equations and inequalities, theory of equations, progressions, the binomial theorem, proofs, and applications. Upon successful completion of the second semester of this course, the student receives 4 credit hours at Brookhaven (Dual Credit – Math 1414). A minimum score on the SAT, ACT, or Accuplacer is required by Brookhaven College.

Associated costs to student. The college textbook for College Algebra (Math 1414) must be purchased by the student.

4793 TRIGONOMETRY – INDEPENDENT STUDY IN MATHEMATICS

GRADE PLACEMENT: 12
PREREQUISITE: COLLEGE ALGEBRA
CREDIT: 1/2 UNIT

Focuses on the study of angular measures, trigonometric functions, identifies solutions of triangles, equations, inverse trigonometric functions, complex numbers, and applications.

Dual Credit Course.

4782 CALCULUS III – INDEPENDENT STUDY IN MATHEMATICS (1ST TIME TAKEN)

GRADE PLACEMENT: 12
PREREQUISITE: AP CALCULUS
CREDIT: 1/2 UNIT

Focuses on the study of vectors and analytic geometry in 3-space; partial and directional derivatives; extrema; double and triple integrals and applications; cylindrical and spherical coordinates.

Dual credit course and 3 hours UNT college credit.

4784 DIFFERENTIAL EQUATIONS I – INDEPENDENT STUDY IN MATHEMATICS (2ND TIME TAKEN)

GRADE PLACEMENT: 12
PREREQUISITE: AP CALCULUS
CREDIT: 1/2 UNIT

Focuses on first order equations, existence uniqueness theorem, linear equations, separation of variables, higher order linear equations, systems of linear equations, series solutions and numerical solutions.

Dual credit course and 3 hours UNT college credit.

SCIENCE

6620 BIOLOGY I

GRADE PLACEMENT: 9-10
CREDIT: 1 UNIT

Provides an introductory laboratory course in biology. Topics include: cellular functions, microorganisms, plant and animal processes, animal and plant classification, genetics, and ecology. Safety and manipulative laboratory skills are stressed. Students will conduct both field and laboratory investigations.

0348 PAS BIOLOGY

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

Provides an introductory laboratory course in biology. Topics include: cellular functions, microorganisms, plant and animal processes, animal and plant classification, genetics, and ecology. Safety and manipulative laboratory skills are stressed. Students will conduct both field and laboratory investigations. Instructional techniques will vary to accommodate the student's IEP/BIP.

6625 PRE AP BIOLOGY I

GRADE PLACEMENT: 9-10
CREDIT: 1 UNIT

Provides an introductory biology course for the student who is highly motivated in science. It provides a more in-depth study of the topics covered in Biology. Included are laboratory activities which enhance creativity, provide individual research opportunities, and field investigations.

6635 AP BIOLOGY

GRADE PLACEMENT: 9-12
PREREQUISITE: RECOMMENDED 1 YR. OF BIOLOGY I; CHEMISTRY I OR TAKING CONCURRENTLY
CREDIT: 1 UNIT

Offers a college-level second year Biology program. It is designed for those who have high interest and motivation in this area of study. The course prepares the student to take the Advanced Placement Examination for possible college credit.

1421 HONORS BIOLOGY

GRADE PLACEMENT: 9
PREREQUISITE: IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT

Provides an introductory biology course that is a more in-depth study of cellular functions, microorganisms, plant and animal processes, animal and plant classification, genetics, and ecology. Included are laboratory activities which enhance creativity, provide individual research opportunities, and field investigations. Honors Biology is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only

6616 INTEGRATED PHYSICS & CHEMISTRY

GRADE PLACEMENT: 9-10 RECOMMENDED
CREDIT: 1 UNIT

Builds on concepts in physics and chemistry and their relationship to living systems, the earth's structure, astronomy, and other physical and chemical phenomena observed. This course emphasizes hands-on laboratory science, higher order thinking, and interrelationships between the sciences.

0345 PAS IPC

GRADE PLACEMENT: 9-10
CREDIT: 1 UNIT

Builds on concepts in physics and chemistry and their relationship to living systems, the earth's structure, astronomy, and other physical and chemical phenomena observed. It follows a coordinated thematic approach including topics: motion, waves, energy transformation, properties of matter, changes in matter and solution chemistry. The course emphasizes hands-on laboratory science, higher order thinking, and interrelationships between the sciences. Instructional techniques will vary to accommodate the student's IEP/BIP.

SCIENCE

6640 CHEMISTRY I

GRADE PLACEMENT: 10-12

PREREQUISITE: 1 YR. SCIENCE AND GEOMETRY OR TAKING CONCURRENTLY

CREDIT: 1 UNIT

Provides a complete course in the concepts of chemistry including the study of the properties of matter, atomic theory, Periodic Table, chemical bonding, the mole concept, chemical reactions, principles of ideal gas, behavior of solutions, and nuclear chemistry.

6645 PRE AP CHEMISTRY I

GRADE PLACEMENT: 10-12

PREREQUISITE: 1 YR. SCIENCE AND GEOMETRY OR TAKING CONCURRENTLY

CREDIT: 1 UNIT

Extends concepts for the student who has a high interest in chemistry, has done well in science and mathematics and is able to grasp high level skills. Laboratory activities are presented that are appropriate for the topics under study and provide opportunities for individual research.

1422 HONORS CHEMISTRY

GRADE PLACEMENT: 10

PREREQUISITE: PRE-DIPLOMA BIOLOGY, ALGEBRA II (OR TAKING CONCURRENTLY) AND/OR IB DIPLOMA

PROGRAMME ADMISSION

CREDIT: 1 UNIT

Provides a complete course in the concepts of chemistry including extended study on the atomic structure, the periodic table, chemical bonding, the mole concept, and chemical reactions. Solving problems using the mole concept, gas laws, ionization, acid-base theories, pH equilibrium, oxidation-reduction reactions and an introduction to organic chemistry are included. Laboratory opportunities are presented that are appropriate for the topics under study and provide opportunities for individual research. Honors Chemistry is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only.

1423 IB CHEMISTRY 1 (HL)

GRADE PLACEMENT: 11

PREREQUISITE: PRE-DIPLOMA CHEMISTRY, ALGEBRA II, AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

Explores the complete concepts of chemistry from both a quantitative and theoretical approach. Instruction will focus on laboratory application and problem solving processes to encourage critical thinking and personal exploration. Research projects are required. IB Chemistry I may fulfill one of the three required Higher Level components for the IB Diploma Candidate, provided that IB Chemistry 2 is taken the following year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only.

1424 IB CHEMISTRY II (HL)

GRADE PLACEMENT: 12

PREREQUISITE: IB CHEMISTRY I AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

Continues to explore complete concepts of chemistry from both a quantitative and theoretical approach. Instruction will focus on more extensive laboratory application and problem solving processes to encourage critical thinking and personal exploration. Research projects are required. IB Chemistry 2 may fulfill one of the three required Higher Level components for the IB Diploma Candidate, provided that the student earned credit in IB Chemistry 1 the previous year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only.

SCIENCE

6650 AP CHEMISTRY

GRADE PLACEMENT: 11-12

PREREQUISITE: RECOMMENDED 1 YR. CHEMISTRY AND ALGEBRA II OR TAKING CONCURRENTLY

CREDIT: 1 UNIT

Offers a college-level, second year chemistry program. Provides an in-depth chemistry program that shows greater depth and complexity of chemistry concepts. Laboratory activities are presented that are appropriate for the topics under study and provide opportunities for individual research. This course prepares the student to take the Advanced Placement examination for possible college credit.

6637 ANATOMY AND PHYSIOLOGY

GRADE PLACEMENT: 11-12

PREREQUISITE: BIOLOGY I AND CHEMISTRY I

CREDIT: 1 UNIT

Extends understanding of the structure and function of the human body. Higher order thinking is stressed through assessment and synthesis of anatomical knowledge combined with exposure to clinical analysis.

6655 PHYSICS

GRADE PLACEMENT: 9-12

PREREQUISITE: 1 YR. SCIENCE AND ALGEBRA I OR TAKING CONCURRENTLY

CREDIT: 1 UNIT

Provides a complete course in the concepts of Physics. Laboratory activities are presented appropriately for the topics being studied. Topics include: a study of motion, force and energy, electro-magnetism, electricity, electromagnetic radiation, optics, sound and nuclear energy.

6656 PRE AP PHYSICS

GRADE PLACEMENT: 9-12

PREREQUISITE: 1 YR. SCIENCE AND ALGEBRA I OR TAKING CONCURRENTLY

CREDIT: 1 UNIT

Offers the student who has a high interest in science and has done well in both science and mathematics. Learnings emphasize higher order thinking skills and quantitative applications of theory. Topics are the same as Physics I but show a greater depth and complexity. In both semesters, laboratory activities are presented appropriate for the topics being studied and allow for individual research and creativity.

ECHS & METSA only

6657 UT ONRAMPS PHYSICS

UT

GRADE PLACEMENT: 9-12

PREREQUISITE: 1 YR. SCIENCE AND ALGEBRA I OR TAKING CONCURRENTLY

CREDIT: 1 UNIT

This is an algebra-based (non-calculus) course in mechanics that fulfills a general physics requirement. Proficiency in algebra and geometry is assumed. Students will practice problem solving and analyzing physical situations involving motion, force, energy, rotations, heat, oscillations, waves, and sound. They will explore concepts in small groups, develop ideas, and explain them. The course lays the groundwork for college majors including engineering, physics, chemistry, or mathematics.

6660 AP PHYSICS 1

GRADE PLACEMENT: 10-12

PREREQUISITE: RECOMMENDED ALGEBRA I AND GEOMETRY

CREDIT: 1 UNIT

Offers an algebra-based physics course equivalent to a first-semester college course in algebra-based physics, but is designed to be taught over a full academic year to enable students to develop deep understanding of the content and to focus on applying their knowledge through inquiry labs. The course includes Newtonian mechanics; work, energy, and power; mechanical waves and sound; with an introduction to electric circuits. This course prepares students to take the Advanced Placement Physics 1 examination for possible college credit.

SCIENCE

6662 AP PHYSICS 2

GRADE PLACEMENT: 11-12
PREREQUISITE: RECOMMENDED PHYSICS, PREAP PHYSICS OR AP PHYSICS 1 AND PRECALCULUS (OR CONCURRENT ENROLLMENT IN PRECALCULUS)
CREDIT: 1 UNIT

Offers an algebra-based physics course equivalent to a second-semester college course in algebra-based physics, but is designed to be taught over a full academic year to enable students to develop deep understanding of the content and to focus on applying their knowledge through inquiry labs. The course includes fluid mechanics; thermodynamics; electricity and magnetism; optic; atomic and nuclear physics. This course prepares students to take the Advanced Placement Physics 2 examination for possible college credit.

6663 AP PHYSICS C: ELECTRICITY AND MAGNETISM

GRADE PLACEMENT: 11-12
PREREQUISITE: PHYSICS, AP PHYSICS 1 OR 2, CALCULUS (OR CONCURRENT ENROLLMENT IN CALCULUS)
CREDIT: 1 UNIT

This is a college level, calculus-based physics course appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism.

6664 AP PHYSICS C: MECHANICS

GRADE PLACEMENT: 11-12
PREREQUISITE: PHYSICS, AP PHYSICS 1 OR 2, CALCULUS (OR CONCURRENT ENROLLMENT IN CALCULUS)
CREDIT: 1 UNIT

This is a college level, calculus-based physics course appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation.

1425 IB PHYSICS I (SL)

GRADE PLACEMENT: 11
PREREQUISITE: CHEMISTRY, ALGEBRA 2, AND IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT

Explores the concepts of physics from both a quantitative and theoretical approach. Instruction will focus on laboratory application and problem solving processes to encourage critical thinking and personal exploration. Research projects are required. IB Physics 1 may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that IB Physics 2 is taken the following year. Students will be required to complete all IB assessments associated with this course.

IB Diploma Programme – at RHS campus only.

1426 IB PHYSICS II (SL)

GRADE PLACEMENT: 12
PREREQUISITE: IB PHYSICS I AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT

Continues to explore the concepts of physics from both a quantitative and theoretical approach. Instruction will focus on laboratory application and problem solving processes to encourage critical thinking and personal exploration. Research projects are required. IB Physics 2 may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that IB Physics I was taken the previous year. Students will be required to complete all IB assessments associated with this course.

IB Diploma Programme – at RHS campus only.

6670 ASTRONOMY

GRADE PLACEMENT: 11-12
PREREQUISITE: 2 YRS. OF LABORATORY SCIENCE
CREDIT: 1 UNIT

Provides a laboratory course where students acquire knowledge about the sun, planets, moon, and stars. Topics included are: information about the universe; scientific theories of the evolution of the universe; characteristics and the life cycle of stars; exploration of the universe; role of the sun in our solar system; planets; and the orientation and placement of the Earth.

SCIENCE

6615 ENVIRONMENTAL SYSTEMS

GRADE PLACEMENT: 11-12
PREREQUISITE: 2 YRS. OF LABORATORY SCIENCE
CREDIT: 1 UNIT

Provides a course which explores the principles of the environment. Topics included are: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; relationship between carrying capacity and changes in populations and ecosystems and changes in the environment.

6617 PAS ENVIRONMENTAL SYSTEMS

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT

Provides a course which explores the principles of the environment. Topics included are: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; relationship between carrying capacity and changes in populations and ecosystems and changes in the environment. Instructional techniques will vary to accommodate the student's IEP/BIP.

6611 AP ENVIRONMENTAL SCIENCE

GRADE PLACEMENT: 11-12
PREREQUISITE: BIOLOGY, CHEMISTRY, ALGEBRA II
CREDIT: 1 UNIT

Provides students with in-depth scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze issues (natural and man-made), analyze associated risks, and examine the possible solutions. This course is interdisciplinary in nature and embraces seven content areas as described by the College Board.

6675 LABORATORY MANAGEMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: COMPLETION OF 2 YRS. OF LABORATORY SCIENCE, ONE OF WHICH IS CHEMISTRY,
FOR LOCAL CREDIT ONLY
CREDIT: 1/2 UNIT (LOCAL)

Allows a student to assist a teacher or teachers in setting up and carrying out laboratory activities, keeping laboratory materials in order, and performing other laboratory management duties as assigned by the supervising teacher(s). Elective science credit will be earned through this course. The course may be repeated to earn a maximum of one credit.

8253 SCIENTIFIC RESEARCH AND DESIGN I (INDEPENDENT STUDY)

GRADE PLACEMENT: 11-12
PREREQUISITE: COMPLETION OF TWO YEARS OF LABORATORY SCIENCE
CREDIT: 1 UNIT

Provides the accelerated student with the opportunity to conduct an independent research project in the science of their major interest. Instruction in methods of research, advanced instrumentation, and presentation of findings is provided. This course meets one of the Distinguished Achievement Program measures.

**RLT Campus Ignite I*

8254 SCIENTIFIC RESEARCH AND DESIGN II (IGNITE AERO SCIENCE STUDIES)

GRADE PLACEMENT: 11-12
PREREQUISITE: PHYSICS, PREAP PHYSICS OR CONCURRENT ENROLLMENT IN PHYSICS
CREDIT: 1 UNIT

Provides students with an opportunity to design and develop remotely operated vehicles for research or work application. The curriculum is physics-based and includes technological application of the four main energy systems: mechanical, fluid, electrical and thermal. Through a project/problem-based format, the course is designed to increase critical thinking and analysis skills using unmanned aerial vehicles involving science and engineering knowledge. This course will promote engineering studies and research, develop work force skills, and encourage students to enter academic and career paths that lead to careers in the engineering industries.

**RLT Campus Ignite II*

SCIENCE

7383 FORENSIC SCIENCE

GRADE PLACEMENT: 11-12
PREREQUISITE: BIOLOGY AND CHEMISTRY WITH A RECOMMENDATION OF PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY AND/OR LAW ENFORCEMENT ICREDIT: 1 UNIT

Allows students to participate in the collection and preservation of crime scene evidence, crime laboratory techniques and the human anatomy and physiology necessary for the analysis of evidence.

1644 STAAR SCIENCE

GRADE PLACEMENT: 10-12
PREREQUISITE: NON-MASTERY OF PREVIOUS STAAR SCIENCE
CREDIT: 1/2 UNIT (LOCAL)

Focuses on the objectives needed to be successful on the science STAAR exam, which is required for graduation. Student results from the previous STAAR assessment are used to focus learning on the student's individual needs.

9221 APPLIED BIOLOGY I

GRADE PLACEMENT: 9-10
CREDIT: 1 UNIT

Student will investigate science related to home, school and community through the use of activity-based studies. Adapted to meet the needs outlined in student's IEP.

9121 DEVELOPMENTAL BIOLOGY I

CREDIT: 1 UNIT

Individualized instruction that emphasizes routine and structure for students with severe cognitive and physical disabilities.
RLT campus only.

9222 APPLIED IPC

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

Student will investigate science related to home and independent living through the use of activity-based studies including a study of plants and animals. Adapted to meet the needs outlined in student's IEP.

9122 DEVELOPMENTAL IPC

CREDIT: 1 UNIT

Individualized instruction that emphasizes routine and structure for students with severe cognitive and physical disabilities.
RLT campus only.

9223 APPLIED SCIENCE PLUS

GRADE PLACEMENT: 11+
CREDIT: 1 UNIT

Student will investigate science related to independent living and employability through the use of activity-based studies including a study of the solar system and properties of matter. Adapted to meet the needs outlined in student's IEP.

9123 DEVELOPMENTAL SCIENCE PLUS

CREDIT: 1 UNIT

Individualized instruction that emphasizes routine and structure for students with severe cognitive and physical disabilities.
RLT campus only.

SOCIAL STUDIES

7980 WORLD GEOGRAPHY STUDIES

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

Students examine cultures and the interaction of humans with their physical environment thematically, using process skills to study geographic patterns and influences on past and present events in order to make informed decisions about the future.

9230 APPLIED WORLD GEOGRAPHY

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

The student focuses on his/her home and school. Map skills are introduced and developed through a variety of activities. The course will be adapted to meet the needs outlined in student's IEP.

9130 DEVELOPMENTAL WORLD GEOGRAPHY

CREDIT: 1 UNIT

Individualized instruction that emphasizes the environment for students with severe cognitive and physical disabilities.

RLT campus only.

0363 PAS WORLD GEOGRAPHY

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

Students examine cultures and the interaction of humans with their physical environment. They use process skills to study geographic patterns and influences. Instructional techniques will vary to accommodate the student's IEP/BIP.

7981 PRE AP WORLD GEOGRAPHY STUDIES

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

This course is designed for students who wish to have a more challenging and rigorous social studies experience. Students examine cultures and the interaction of humans with their physical environment thematically through the lens of process skills to analyze geographic patterns and influences on past and present events in order to make informed decisions about the future.

7982 AP HUMAN GEOGRAPHY

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

This course introduces students to the systematic study of patterns and process that shape human understanding, use, and modification of Earth's surface. Students employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. It prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

1431 HONORS WORLD GEOGRAPHY

GRADE PLACEMENT: 9
PREREQUISITE: IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT

Students examine cultures and the interaction of humans with their physical environment thematically, using process skills to study geographic patterns and influences on past and present events in order to make informed decisions about the future. Honors World Geography is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only.

SOCIAL STUDIES

7615 AP/GT HUMAN GEOGRAPHY GLOBAL EXPERIENCE

GRADE PLACEMENT: 9
PREREQUISITE: ACE/LEAP IDENTIFIED TAKEN WITH 1015
CREDIT: 1 UNIT

Offers an interdisciplinary curriculum with AP/GT Human Geography and provides the major content in a humanities format. Course also prepares students to take the AP Human Geography Exam. Emphasis is on assisting students to develop an understanding of the change in a global society. Note-taking, research, and academic writing skills are emphasized. Students in this course will receive accelerated grade points for AP Human Geography and Pre-AP English I. Designed for identified gifted students.

7975 AP/GT WORLD HISTORY

GRADE PLACEMENT: 10
PREREQUISITE: ACE/LEAP IDENTIFIED TAKEN WITH 1115
CREDIT: 1 UNIT

Provides an interdisciplinary approach integrating Pre AP English II/GT and AP World History for identified gifted students. Enables students to discover and appreciate how mankind, through the ages, has dealt with universal problems as reflected in literature, politics, economics, and the arts. Students will receive accelerated grade points for AP World History and Pre AP English II. This course prepares students for the AP World History examination.

7911 WORLD HISTORY STUDIES

GRADE PLACEMENT: 10-11
CREDIT: 1 UNIT

This course provides a global understanding of the growth and development of selected world civilizations from ancient times to the present. Using critical-thinking skills and a variety of primary and secondary sources, students study historical and geographic patterns, compare civilizations, and examine continuities and change over time.

9231 APPLIED WORLD HISTORY

GRADE PLACEMENT: 10
CREDIT: 1 UNIT

Student focuses on his/her community and state, with emphasis on laws affecting behavior and personal safety. The course will be adapted to meet the needs outlined in student's IEP.

9131 DEVELOPMENTAL WORLD HISTORY

CREDIT: 1 UNIT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

RLT campus only.

0362 PAS WORLD HISTORY

GRADE PLACEMENT: 10
CREDIT: 1 UNIT

This course provides a global understanding of the growth and development of selected world civilizations from ancient times to the present. Students will develop an understanding of interdependence while comparing social, economic, and political institutions over time. Instructional techniques will vary to accommodate the student's IEP/BIP.

7971 PRE AP WORLD HISTORY STUDIES

GRADE PLACEMENT: 10-11
CREDIT: 1 UNIT

This course is designed for students who wish to have a more challenging and rigorous social studies experience. Using historical thinking skills and a variety of primary and secondary source material, students examine the impact of geographic factors on historical events, identify common characteristics of eras, analyze the causes and effects of major turning points, compare the social, economic, and political systems of various civilizations, and examine continuities and change over time to gain a global understanding of the world today.

SOCIAL STUDIES

1432 HONORS WORLD HISTORY

GRADE PLACEMENT: 10

PREREQUISITE: HONORS WORLD GEOGRAPHY AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

This course is a survey of the history of humankind. Using historical thinking skills and a variety of primary and secondary source material, students examine the impact of geographic factors on historical events, identify common characteristics of eras, analyze the causes and effects of major turning points, compare the social, economic, and political systems of various civilizations, and examine continuities and change over time to gain a global understanding of the world today. Honors World History is intended to prepare the highly motivated student for future IB level coursework.

IB Diploma Programme – at RHS campus only

7972 AP WORLD HISTORY

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods. They develop and use the same thinking skills and methods employed by historians, which include analyzing primary and secondary source material, making historical comparisons, chronological reasoning, and argumentation. Students explore five themes to make connections across time periods and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. It prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

7610 U. S. HISTORY

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

The founding documents of the U.S. government provide a framework as students focus on the political, economic, and social factors shaping U.S. history since 1877. Issues include industrialization and urbanization, domestic and foreign policies, major war, reform movements, civil rights, and efforts to expand the democratic process. Students analyze the impact of constitutional issues on American society, technological innovations on American life, and geographic factors on historical events. Students use critical-thinking skills and a variety of primary and secondary source material to apply different methods historians use to understand the past, including historical context and multiple points of view.

Dual Credit is available for ECHS students only.

7612 UT ONRAMPS U.S. HISTORY

UT

GRADE PLACEMENT: 11-12

PREREQUISITE: ENGLISH II

CREDIT: 1 UNIT

Using lectures, primary and secondary readings, videos, maps, and other graphics, students work both independently and collaboratively to develop the critical thinking skills to evaluate the American historical record. The course surveys from the colonial beginnings through the Civil War and 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.

9232 APPLIED U.S. HISTORY

GRADE PLACEMENT: 11

CREDIT: 1 UNIT

The student will focus on community awareness through concepts related to employment and personal responsibility. The course is adapted to meet the needs outline in the student's IEP.

9132 DEVELOPMENTAL U.S. HISTORY

CREDIT: 1 UNIT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

RLT campus only.

SOCIAL STUDIES

0360 PAS U.S. HISTORY

GRADE PLACEMENT: 11
CREDIT: 1 UNIT

This course provides students opportunities to understand social, cultural, economic and political forces that have shaped American society, as well as the historical context for U.S. society today. Instructional techniques will vary to accommodate the student's IEP/BIP.

7660 AP UNITED STATES HISTORY

GRADE PLACEMENT: 11-12
PREREQUISITE: U.S. HISTORY HONORS PREFERRED; ENGLISH II OR III HONORS PREFERRED; READING SCORES ABOVE GRADE LEVEL.
CREDIT: 1 UNIT

In this course students examine the nine different periods of U.S. history conceptually, using themes that include identity, migration, power, technology, geography, technology, and America in the world. The themes require students to make comparisons among various historical developments in different times and places and to reason historically about continuity and change over time. Students develop and use historical thinking skills, which include analyzing primary and secondary source material, making historical comparisons, chronological reasoning, and argumentation. It prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

7670 UNITED STATES HISTORY – PRE-AP

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT

This course is designed for students who wish to have a more challenging and rigorous social studies experience. The founding documents of the U.S. government provide a framework as students focus on the political, economic, and social factors shaping U.S. history since 1877. Issues include industrialization and urbanization, major wars, domestic and foreign policies, reform movements, civil rights, and efforts to expand the democratic process. Students analyze the impact of constitutional issues on American society, technological innovations on American life, and geographic factors on historical events. Students develop critical-thinking skills and use a variety of primary and secondary source material to apply methods historians use to understand and interpret the past, including multiple points of view and historical context.

1433 IB HISTORY OF THE AMERICAS I (HL)

GRADE PLACEMENT: 11
PREREQUISITE: WORLD EXPERIENCE OR PRE-DIPLOMA WORLD HISTORY AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT

This course explores the social, political, and economic history of Anglo (U.S. and Canada) and Latin America. Research projects are required. IB History of the Americas will fulfill one of the three required Higher Level components for the IB Diploma candidate, provided that IB History of the Americas II is taken the following year. All students participating in the course will be required to complete all IB assessments associated with this course. Students may choose the test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only

1434 IB HISTORY OF THE AMERICAS II (HL)

GRADE PLACEMENT: 12
PREREQUISITE: IB HISTORY OF THE AMERICAS I AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT

Continues a study of the social, political, and economic history of Anglo (U.S. and Canada) and Latin America. The second year is a more intensive focus on global 20th Century social issues and government systems. Research projects are required. IB History of the Americas will fulfill one of the three required Higher Level components for the IB Diploma candidate, provided that the candidate earned credit for IB History of the Americas I the previous year. Completion of both IB History of the Americas I and II earns the student the ½ credit required for Government as well. All students participating in the course will be required to complete all IB assessments associated with this course. Students may choose to take the test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only

SOCIAL STUDIES

7985 AP EUROPEAN HISTORY

GRADE PLACEMENT: 11-12

PREREQUISITE: WORLD HISTORY PRE-AP OR WORLD EXPERIENCE

CREDIT: 1 UNIT

This course provides students with an in-depth study of Western Civilization in Europe from approximately 1450 to the present. It explores several major themes in modern history, such as the extension and/or limitation of individual civil liberties. It prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

7400 ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM AND ITS BENEFITS

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES

CREDIT: 1/2 UNIT

This course examines the basic principles of production, consumption, and distribution of goods and services with emphasis on the American free enterprise system. Students will compare the U.S. system with economic systems in other countries of the world. The course also includes a brief study of personal financial literacy.

9234 APPLIED ECONOMICS

GRADE PLACEMENT: 12

CREDIT: 1/2 UNIT

The student will focus on the basic concepts of personal responsibility related to employability and being a productive, contributing member of a business, community, and/or organization. The course will be adapted to meet the needs outlined in the student's IEP.

9134 DEVELOPMENTAL ECONOMICS

CREDIT: 1/2 UNIT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

RLT campus only.

0364 PAS ECONOMICS

GRADE PLACEMENT: 11-12

CREDIT: 1/2 UNIT

This course examines the basic principles of production, consumption, and distribution of goods and services with emphasis on the American free enterprise system. Students will compare the U.S. system with economic systems in other countries of the world. The course also includes a brief study of personal financial literacy. Instructional techniques vary to accommodate the student's IEP/BIP.

7402 AP ECONOMICS - MICRO

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES

CREDIT: 1/2 UNIT

This course studies the behavior of discrete parts of the economy—the individual, the household, the company. It prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board, unless the student is enrolled for dual credit.

7403 AP ECONOMICS - MACRO

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES

CREDIT: 1/2 UNIT

This course provides students with a thorough understanding of the principles of economics that apply to an economic system as a whole. It prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board, unless the student is enrolled for dual credit.

7210 PERSONAL FINANCIAL LITERACY

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES

CREDIT: 1/2 UNIT

Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions, allowing them to lead financially secure lifestyles and understand personal financial responsibility. Students will apply critical-thinking and problem-solving skills to analyze decisions about earning and spending, saving and investing, credit and borrowing, insuring and protecting, as well as college and post-secondary education and training.

SOCIAL STUDIES

7317 UNITED STATES GOVERNMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES
CREDIT: 1/2 UNIT

This course focuses on the principles and beliefs upon which the United States was founded. Students will use critical-thinking skills to examine the structure, functions, and powers of government at the national, state, and local level.

9233 APPLIED GOVERNMENT

GRADE PLACEMENT: 12
CREDIT: 1/2 UNIT

The course will focus on history and how it relates to current community rules and situations. The student will be introduced to voting and civic duties. Instruction will be adapted to meet the needs outlined in the student's IEP.

9133 DEVELOPMENTAL GOVERNMENT

CREDIT: 1/2 UNIT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

RLT campus only.

0365 PAS GOVERNMENT

GRADE PLACEMENT: 11-12
CREDIT: 1/2 UNIT

This course focuses on the principles and beliefs upon which the United States was founded and understanding the structure, functions, and powers of government at national, state, and local levels. Instructional techniques will vary to accommodate the student's IEP/BIP.

7345 SPECIAL TOPICS IN SOCIAL STUDIES: LAW STUDIES I

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT

This course introduces students to the structure and process of our legal system as it relates to their everyday lives. This course is not a pre-requisite to Advanced Placement Government.

IN THIS YEAR-LONG COURSE, STUDENTS WILL STUDY FOR BOTH THE ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND COMPARATIVE GOVERNMENT AP TESTS IN AN INTEGRATED FASHION.

7377 AP UNITED STATES GOVERNMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES-HONORS OR ABOVE PREFERRED
CREDIT: 1/2 UNIT

This course provides a college-level approach to understanding the effects of political theories and history on the development of American political behavior and institutions. It will not only help students understand the U.S. Constitution and the political system but will also help them become informed citizens who are willing to preserve, protect, and defend the rights and liberties at the core of our nation's charter.

7376 AP COMPARATIVE GOVERNMENT AND POLITICS

GRADE PLACEMENT: 11-12
PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES-HONORS OR ABOVE PREFERRED
CREDIT: 1/2 UNIT

This course introduces students to the rich diversity of political life outside the United States. It provides a college-level approach to examining the political institutions and processes of six different countries—China, Iran, Mexico, Nigeria, Russia, and the United Kingdom—and comparing the ways they address problems. Students compare the effectiveness of approaches to many global issues by examining how different governments solve similar problems.

This course is open to all students and will fulfill the CHS AP Government Law Academy requirement and an additional 1/2 elective unit.

SOCIAL STUDIES

7201 SOCIOLOGY

GRADE PLACEMENT: 10-12
CREDIT: 1/2 UNIT

This course introduces students to the science and art of human relations and helps them understand the structure of society and their role in it.

7203 PSYCHOLOGY

GRADE PLACEMENT: 10-12
CREDIT: 1/2 UNIT

This course covers the stages of human growth and development and factors involved in learning, thinking, personality, motivation, and self-concept development to provide students with opportunities to gain insight into our complex society.

7204 PRE AP PSYCHOLOGY

GRADE PLACEMENT: 11-12
CREDIT: 1/2 UNIT

Designed to be taken as a sequenced course with AP Psychology, this course gives students time to deepen their understanding of the complex society in which we live. Specifically, students will explore the stages of human growth and development, factors involved in learning, thinking, personality, and motivation, as well as self-concept development. This preparation affords students the beneficial background for success in AP Psychology in Semester 2.

7205 AP PSYCHOLOGY

GRADE PLACEMENT: 11-12
PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES
CREDIT: 1/2 UNIT

This course examines methods, approaches and history of psychology, biological basis of behavior, motivation and emotion, learning theories, personality, testing and individual differences, and abnormal and social psychology. The Advanced Placement Psychology course prepares the student to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

7987 INDEPENDENT STUDY /MENTOR (ISM) (1ST TIME TAKEN)

GRADE PLACEMENT: 9-12
STUDENTS MAY TAKE THIS COURSE 2 YEARS, BUT MUST PRESENT A DIFFERENT PRODUCT EACH YEAR.
PREREQUISITE: G/T IDENTIFIED AND/OR PREAP COURSE STUDENT OR COUNSELOR APPROVAL
CREDIT: 1/2 UNIT (AP WEIGHT)
03380003 1/2 UNIT FIRST TIME TAKEN

7988 INDEPENDENT STUDY /MENTOR (ISM) (2ND TIME TAKEN)

03380023 1/2 UNIT SECOND TIME TAKEN

7989 INDEPENDENT STUDY /MENTOR (ISM) (3RD TIME TAKEN)

03380033 1/2 UNIT THIRD TIME TAKEN

7990 INDEPENDENT STUDY /MENTOR (ISM) (4TH TIME TAKEN)

03380043 1/2 UNIT FOURTH TIME TAKEN

Students conduct in-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. Working independently or in collaboration with a mentor, students investigate a problem, issue or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience. Students shall be awarded one-half to one unit of credit for successful completion of this course. Students may take this course with different course content for a maximum of two credits.

*Dual Credit is available for ECHS students only.
This is a dual credit course offered through DCCCD.*

SOCIAL STUDIES

0004 SPECIAL TOPICS IN SOCIAL STUDIES – MAJOR WORLD RELIGIONS

GRADE PLACEMENT: 11-12
CREDIT: 1/2 UNIT

This course introduces students to major world religions. The academic study of religion—not to be confused with a faith-centered approach to the study of religion—approaches the phenomenon of religion in human life as an objective field of study and inquiry. This course focuses upon the theology, beliefs, history, rituals, and practices of the world's major religions.

0005 SPECIAL TOPICS IN SOCIAL STUDIES – THE HISTORY AND LITERATURE OF THE BIBLE

GRADE PLACEMENT: 11-12
CREDIT: 1/2 UNIT

This course introduces religious themes and teachings of the Bible as conveyed through the text itself. The academic study of Biblical literature and history—not to be confused with a faith-centered approach to the study of the Bible—approaches the phenomenon of the various written texts of the Bible as an objective field of study and inquiry. This course will focus upon the theology, beliefs, history, rituals, and practices in the Biblical texts so as to make clear the author's intention in writing the texts as well as the literary skills and forms the authors' used to convey their meaning.

This is a dual credit course offered through DCCCD.

9235 APPLIED SOCIAL STUDIES PLUS

GRADE PLACEMENT: 12+
CREDIT: 1 UNIT

Student will focus on how to be productive and safe in a variety of community situations including employment. Instruction will be adapted to meet the needs outlined in the student's IEP.

9135 DEVELOPMENTAL SOCIAL STUDIES PLUS

GRADE PLACEMENT: 12+
CREDIT: 1 UNIT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

RLT campus only.

FINE ARTS

ART

Evaluation of art work is a critical component of all Art classes.

Students registering for Art courses should expect:

1. A **supply fee required** for the purchase of consumable media specific tools.
or
 2. A list of consumable items to be purchased by the student and used in class.
-

2500 ART 1 BEGINNING

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

Provides foundation for the art student who has had no previous art classes. Emphasizes the study of basic art concepts by introducing the importance of recognizing, understanding and using the ART ELEMENTS AND PRINCIPLES OF DESIGN in composition.

2501 ART 1 INTERMEDIATE

GRADE PLACEMENT: 9-10

PREREQUISITE: RECOMMENDATION FROM THE MIDDLE SCHOOL ART TEACHER OR HIGH SCHOOL ART TEACHER AFTER A PORTFOLIO REVIEW AND INTERVIEW BY THE HIGH SCHOOL ART TEACHER.

CREDIT: 1 UNIT

Investigates the beginning art concepts and emphasizes the skill development and level of expectation at a faster pace than the regular Art 1 class.

1461 IB ART/DESIGN I (HL)

GRADE PLACEMENT: 11

PREREQUISITE: ART II AND/OR IB DIPLOMA PROGRAMME ADMISSION)

CREDIT: 1 UNIT

Develops skills focusing on 2-D mediums in drawing and painting and 3-D concepts. Projects are designed to emphasize creative concepts and critical thinking and to develop technical ability in a wide variety of media. Students will be required to create a portfolio of original work. IB Art/Design I may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that IB Art Design 2 is taken the following year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only.

1462 IB ART/DESIGN II (HL)

GRADE PLACEMENT: 12

PREREQUISITE: IB VISUAL ART DESIGN I AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

Extends the development of skills focusing on 2-D mediums in drawing and painting and 3-D concepts. Projects are designed to emphasize creative concepts and critical thinking and to develop technical ability in a wide variety of media. Students will be required to create a portfolio of original work. IB Art Design 2 may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that the student earned credit in IB Art Design I the previous year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only.

2502 ART 2 - PAINTING

GRADE PLACEMENT: 10-12

PREREQUISITE: ART 1 (BEGINNING OR INTERMEDIATE)

CREDIT: 1 UNIT

Expands student experience in working with basic painting concepts and introduces additional techniques and media related to the overall painting experience.

FINE ARTS

2503 ART 3 - PAINTING

GRADE PLACEMENT: 11-12
PREREQUISITE: PAINTING 2
CREDIT: 1 UNIT

Emphasizes more advanced compositional concepts working in realistic, abstract and non-objective styles. Expands student knowledge of painting techniques, the use of different paint media, mixed media, and experiments with different painting grounds.

2504 ART 4 - PAINTING

GRADE PLACEMENT: 12
PREREQUISITE: PAINTING 3
CREDIT: 1 UNIT

Emphasizes individual insight, style, interpretation, experimentation, and evaluation. A well maintained portfolio is expected to offer the student the opportunity for presentation of work.

2519 ART 2 - DRAWING

GRADE PLACEMENT: 10-12
PREREQUISITE: ART 1 (BEGINNING OR INTERMEDIATE)
CREDIT: 1 UNIT

Expands the student's experience in working with basic drawing concepts and additional techniques. Introduces new ways of working with dry and wet drawing media. Work will be mostly two-dimensional emphasizing observational drawing. Sketch books and journals are required.

2520 ART 3 - DRAWING

GRADE PLACEMENT: 11-12
PREREQUISITE: DRAWING 2
CREDIT: 1 UNIT

Emphasizes more advanced compositional concepts utilizing realistic and abstract interpretation of subject matter. Style is explored along with two and three dimensional surfaces. Sketch books and journals are required.

2521 ART 4 - DRAWING

GRADE PLACEMENT: 12
PREREQUISITE: DRAWING 3
CREDIT: 1 UNIT

Extends on all previous skills. Emphasizes individual insight, style, interpretation, experimentation and evaluation. Sketch books and journals are required. The student will generate a portfolio of work in original and digital form.

2525 ART 2 - CERAMICS

GRADE PLACEMENT: 10-12
PREREQUISITE: ART 1 (BEGINNING OR INTERMEDIATE), PORTFOLIO REVIEW
CREDIT: 1 UNIT

Expands students' experience in working with basic ceramic concepts. Introduces techniques and media related to ceramic art.

2526 ART 3 - CERAMICS

GRADE PLACEMENT: 11-12
PREREQUISITE: CERAMICS 2
CREDIT: 1 UNIT

Emphasizes more advanced ceramic techniques, practice skills and explores complex concepts. Reflection and evaluation will allow student to begin portfolio preparation.

2527 ART 4 - CERAMICS

GRADE PLACEMENT: 12
PREREQUISITE: CERAMICS 3
CREDIT: 1 UNIT

Provides opportunities for the advanced art student to extend previous skills. Preparation of portfolios and exploration of college and career opportunities is an important part of this course. Emphasis is on developing style and insight.

FINE ARTS

2528 ART 2 - JEWELRY

GRADE PLACEMENT: 10-12
PREREQUISITE: ART 1 (BEGINNING OR INTERMEDIATE) PORTFOLIO REVIEW
CREDIT: 1 UNIT

Expands students' experience in working with basic jewelry making concepts. Introduces techniques and media related to jewelry making.

2529 ART 3 - JEWELRY

GRADE PLACEMENT: 11-12
PREREQUISITE: JEWELRY 2 (1 UNIT)
CREDIT: 1 UNIT

Emphasizes more advanced jewelry making techniques, practice skills, and explores complex concepts of jewelry making. Reflection and evaluation will allow student to begin portfolio preparation.

2530 ART 4 - JEWELRY

GRADE PLACEMENT: 12
PREREQUISITE: JEWELRY 3 (1 UNIT)
CREDIT: 1 UNIT

Provides opportunities for the advanced art student to extend previous skills. Preparation of portfolio and exploration of college and career opportunities is an important part of this course. Emphasis is on developing individual style and insight.

2531 ART 2 - SCULPTURE

GRADE PLACEMENT: 10-12
PREREQUISITE: ART 1 (BEGINNING OR INTERMEDIATE)
CREDIT: 1 UNIT

Expands the students' experience in working with basic sculptural concepts. Students practice additional techniques and are introduced to new ways of working with a variety of media. Work will be mostly three dimensional. Sketch books and journals are required.

2532 ART 3 - SCULPTURE

GRADE PLACEMENT: 11-12
PREREQUISITE: SCULPTURE 2
CREDIT: 1 UNIT

Emphasizes more advanced compositional concepts utilizing realistic abstract, and non-objective interpretation of subject matter. Style is explored. Sketch books and journals are required.

2533 ART 4 - SCULPTURE

GRADE PLACEMENT: 12
PREREQUISITE: SCULPTURE 3
CREDIT: 1 UNIT

Develops variations of themes to produce a body of quality work. Emphasizes individual insight, style, interpretation, experimentation and evaluation. Sketch books and journals are required. The student will generate a portfolio of work in original and digital form.

2542 AP ART HISTORY

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

Examines political, geographic and cultural influencing factors in Western & non-Western art. Provides a general survey of art history, including sculpture, architecture and painting. Emphasizes critiquing artwork through concrete written statements. Prepares the student to take the Advanced Placement examination for possible college credit.

FINE ARTS

2510 INDEPENDENT STUDY IN ART

GRADE PLACEMENT: 11-12

PREREQUISITE: ART 1

CREDIT: 1 UNIT

Individualizes for the student with special interest in and proven aptitude for two and/or three-dimensional media. Emphasizes student's special aptitude area and goals jointly written with the teacher. Allows for individual freedom in creative discoveries.

2515 AP STUDIO ART/DRAWING PORTFOLIO

GRADE PLACEMENT: 11-12

PREREQUISITE: ART 1 OR ART I INTERMEDIATE AND ANY LEVEL 2 ART COURSE, SUBMIT 6-8 WORKS OF ART AND SKETCHBOOK

CREDIT: 1 UNIT

The drawing portfolio is designed to address a very broad interpretation of drawing issues which will be done through a variety of means: media and technique and style. The drawing portfolio stresses three concerns – quality, concentration, and breadth. Students present selected works they have done throughout the year for evaluation by students in their classes and the instructors. The works presented for evaluation may have been produced in art classes or on the student's own time, and may cover a period of time longer than a single school year.

2555 AP STUDIO ART/2-D DESIGN PORTFOLIO

GRADE PLACEMENT: 11-12

PREREQUISITE: ART 1 OR ART I INTERMEDIATE AND ANY LEVEL 2 ART COURSE, SUBMIT 6-8 WORKS OF ART AND SKETCHBOOK

CREDIT: 1 UNIT

The 2-D design portfolio addresses a very broad interpretation of two-dimensional (2-D) design issues involving purposeful use of the elements and principles of art in an integrative way. Students are asked to demonstrate three concerns – quality, concentration, and breadth. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio. Students present selected works they have done throughout the year for evaluation by students in their classes and the instructors. The works presented for evaluation may have been produced in art classes or on the student's own time, and may cover a period of time longer than a single school year.

2556 AP STUDIO ART/3-D DESIGN PORTFOLIO

GRADE PLACEMENT: 11-12

PREREQUISITE: ART 1 OR ART I INTERMEDIATE AND ANY LEVEL 2 ART COURSE, SUBMIT 6-8 WORKS OF ART AND SKETCHBOOK

CREDIT: 1 UNIT

The 3-D design portfolio is intended to address a broad interpretation of sculptural issues in depth and space. Such elements and concepts may be articulated through additive, subtractive and /or fabrication processes. A variety of approaches to representation, abstraction and expression may be part of the student's portfolio. Students are asked to demonstrate three concerns – quality, concentration, and breadth. Students present selected works they have done throughout the year for evaluation by students in their classes and the instructors. The works presented for evaluation may have been produced in art classes and/or outside of class, and may cover a period of time longer than a single school year.

FINE ARTS

DANCE

2401 DANCE 1

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Introduces basic movement skills and an awareness of fundamental dance vocabulary in any or all of the following styles: aerobics, ballet, folk, modern, jazz, and tap. Addresses the history of dance as an art form, choreography techniques, and performance skills.

May not take Dance 1 (2401) and Dance 1 – Theatre (2406) in the same semester.

Fine Arts Credit Only

2402 DANCE 2

GRADE PLACEMENT: 10-12
PREREQUISITE: DANCE 1 AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

Provides involvement with movement skills and dance vocabulary at the intermediate to advanced level in any or all of the following styles: aerobics, ballet, folk, modern, jazz, tap, and yoga. Explores dance history, variation of style, choreography techniques, dance and music notation, and performance skills.

May not take Dance 2 (2402) and Dance 2 – Theatre (2413) in the same semester.

2403 DANCE 3

GRADE PLACEMENT: 11-12
PREREQUISITE: DANCE 2 AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

Provides continued development in all areas previously covered. Concentrates on choreography and manipulation of body, space, force, and time. Improvisation, informal presentations, and critiquing will be explored as well.

2404 DANCE 4

GRADE PLACEMENT: 12
PREREQUISITE: DANCE 3 AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

Provides continued development in all areas previously covered. In addition to choreography, students will focus on production and performance skills.

May not take Dance 4 (2404) and Dance Company (2400) in the same semester.

2405 DANCE INDEPENDENT STUDY

GRADE PLACEMENT: 11-12
PREREQUISITE: INSTRUCTOR APPROVAL
CREDIT: 1 UNIT (LOCAL CREDIT)

Explores elements of teaching and choreography. This course is designed to further the dancer's experience.

2407 DANCE 1 - FOLKLORICO

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

2408 DANCE 2 - FOLKLORICO

GRADE PLACEMENT: 10-12
PREREQUISITE: 2407
CREDIT: 1 UNIT

Teaches Folk dances of Mexico and other Latin American countries with performance of such dances as the indication of mastery. Students will also be expected to learn the history and traditions of the period of music taught.

Folklorico Dance 1 and 2 will count as PE Equivalent.

FINE ARTS

2409 DANCE 3 - FOLKLORICO

GRADE PLACEMENT: 11-12
PREREQUISITE: 2408
CREDIT: 1 UNIT

2410 DANCE 4 - FOLKLORICO

GRADE PLACEMENT: 12
PREREQUISITE: 2409
CREDIT: 1 UNIT

Teaches Folk dances of Mexico and other Latin American countries with performance of such dances as the indication of mastery. Students will also be expected to learn the history and traditions of the period of music taught.

2400 DANCE COMPANY 1

GRADE PLACEMENT: 9-12
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT

2418 DANCE COMPANY 2

GRADE PLACEMENT: 10-12
PREREQUISITE: DANCE COMPANY 1 AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

2419 DANCE COMPANY 3

GRADE PLACEMENT: 11-12
PREREQUISITE: DANCE COMPANY 2 AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

2420 DANCE COMPANY 4

GRADE PLACEMENT: 12
PREREQUISITE: DANCE COMPANY 3 AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

Affords these students the opportunity to develop their technique in a variety of genres more rapidly and more in depth. Designed to be a special ensemble class for the more advanced dancer. Students will be required to participate in dance performances. Dance attire and costumes will be required.

May not take Dance 4 (2404) and Dance Company (2400) in the same semester.

2411 DANCE PERFORMANCE ENSEMBLE 2

GRADE PLACEMENT: 10-12
PREREQUISITE: TRYOUTS ONLY
CREDIT: 1 UNIT

2412 DANCE PERFORMANCE ENSEMBLE 3

GRADE PLACEMENT: 11-12
PREREQUISITE: TRYOUTS ONLY
CREDIT: 1 UNIT

2414 DANCE PERFORMANCE ENSEMBLE 4

GRADE PLACEMENT: 12
PREREQUISITE: TRYOUTS ONLY
CREDIT: 1 UNIT

Dance Performance Ensemble 2-4 is an intense interdisciplinary program that combines performance elements such as dance, music, costume, and theatrical design with performance opportunities for small dance ensembles. Instruction covers methods of dance as well as performance enhancing strategies. The course is designed to refine skill and awareness of movement and aesthetic principles to a particular style of small ensemble dance.

FINE ARTS

2406 DANCE 1-THEATRE

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

2413 DANCE 2 -THEATRE

GRADE PLACEMENT: 10-12
PREREQUISITE: DANCE 1 – THEATRE AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

2416 DANCE 3-THEATRE

GRADE PLACEMENT: 11-12
PREREQUISITE: DANCE 2-THEATRE AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

2417 DANCE 4-THEATRE

GRADE PLACEMENT: 12
PREREQUISITE: DANCE 3– THEATRE AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

Provides students with movement and dance skills necessary to create a physical regime for character development and performance preparation. Focuses on the connection between physical carriage and movement in character and plot development. Employs Laban and dance techniques to develop character and story lines through movement. Costumes for dance concerts may be required.

May not take Dance 1 (2401) and Dance 1 – Theatre (2406) in the same semester.

Dance II – Theatre will have more intermediate to advanced movement.

May not take Dance 2 (2402) and Dance 2 – Theatre (2413) in the same semester.

B210 WORLD CULTURAL DANCE FORMS: HIP- HOP (ECHS ONLY)

GRADE PLACEMENT: 9-12
CREDIT: 1

This course is a study of hip-hop as a cultural dance form in Western Civilization. This course is a hybrid of movement practices and theoretical studies that will engage students with research of hip-hop through a historical context. This is a course about movement as research. During the course of this term, students will engage with writing assignments that demonstrate his/her understanding of the course material, understanding of research methods in movement context, and an understanding of academic writing practices.

DRILL TEAM

Uniform purchase is required. P.E. Equivalency credit is given during the fall semester of the first and second year. Fine Arts credit is given for additional years.

5625 DANCE 1 - DRILL TEAM

GRADE PLACEMENT: 9-12 TRYOUTS ONLY
CREDIT: 1 UNIT

5626 DANCE 2 - DRILL TEAM

GRADE PLACEMENT: 10-12 TRYOUTS ONLY**
CREDIT: 1 UNIT

5627 DANCE 3 - DRILL TEAM

GRADE PLACEMENT: 11-12 TRYOUTS ONLY**
CREDIT: 1 UNIT

5628 DANCE 4 - DRILL TEAM

GRADE PLACEMENT: 12
PREREQUISITE: TRYOUTS ONLY**
CREDIT: 1 UNIT

** All of these courses require participation in outside activities that show the student's dedication and academic success.

** Students who wish to try out must have been in marching band, pep squad, cheerleading, athletics or dance for one year. (*CHS Campus Only*)

FINE ARTS

MUSIC

In the fall semester, Marching Band counts as "P.E. substitution." P.E. credit is not awarded for the course, but rather P.E. equivalents are noted on the student's transcript to indicate completion of the P.E. requirement for graduation. Thus, students participating in Marching Band receive "P.E. substitution" in the fall semester in year 1 and 2 and "Fine Arts" credit in the spring semester.

Some activities may require personal expenses. The director/teacher of the program will furnish specific details upon request.

2701 MARCHING BAND/SYMPHONIC BAND 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2702 MARCHING BAND/SYMPHONIC BAND 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2703 MARCHING BAND/SYMPHONIC BAND 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2704 MARCHING BAND/SYMPHONIC BAND 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

Provides public performance experience for students who have reached a high degree of performance ability. The marching season begins in August and continues through the end of football season. There will be performances and rehearsals that occur during non-school hours that are required. Marching band performances include football half-time shows, local parades, and one or more marching contests. Students also participate in several concerts each year and University Interscholastic League Band Contest. They are encouraged to participate in Solo and Ensemble Contest, All-Region and All-State Tryouts. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

FINE ARTS

2756 SYM BAND ENS 1

GRADE PLACEMENT: 9
PREREQUISITE: 2701
CREDIT: 1 UNIT

2757 SYM BAND ENS 2

GRADE PLACEMENT: 10
PREREQUISITE: 2702
CREDIT: 1 UNIT

2758 SYM BAND ENS 3

GRADE PLACEMENT: 11
PREREQUISITE: 2703
CREDIT: 1 UNIT

2759 SYM BAND ENS 4

GRADE PLACEMENT: 12
PREREQUISITE: 2704
CREDIT: 1 UNIT

Affords these students the opportunity to develop their playing skills on their instruments more rapidly and more in depth. All prerequisites and course descriptions relating to symphonic band also are applicable to this class. Designed to be a special ensemble class for brass in the symphonic band.

2706 MARCHING BAND/CONCERT BAND 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2707 MARCHING BAND/CONCERT BAND 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2708 MARCHING BAND/CONCERT BAND 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2709 MARCHING BAND/CONCERT BAND 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

Offers public performance experience for students who have reached a high degree of performance ability. The marching season begins in August and continues through the end of football season. There will be performances and rehearsals that occur during non-school hours that are required. Marching band performances include football half-time shows, local parades, and one or more marching contests. Students also participate in several concerts each year and University Interscholastic League Band Contest. They are encouraged to participate in Solo and Ensemble Contest, All-Region and All-State Tryouts. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

FINE ARTS

2696 MARCHING BAND/VARSITY BAND 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2697 MARCHING BAND/VARSITY BAND 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2698 MARCHING BAND/VARSITY BAND 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2699 MARCHING BAND/VARSITY BAND 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

Offers public performance experience for students who have reached a high degree of performance ability. The marching season begins in August and continues through the end of football season. There will be performances and rehearsals that occur during non-school hours that are required. Marching band performances include football half-time shows, local parades, and one or more marching contests. Students also participate in several concerts each year and University Interscholastic League Band Contest. They are encouraged to participate in Solo and Ensemble Contest, All-Region and All-State Tryouts. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

2692 MARCHING BAND/WIND ENSEMBLE 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2693 MARCHING BAND/WIND ENSEMBLE 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2694 MARCHING BAND/WIND ENSEMBLE 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2695 MARCHING BAND/WIND ENSEMBLE 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

Offers public performance experience for students who have reached a high degree of performance ability. The marching season begins in August and continues through the end of football season. There will be performances and rehearsals that occur during non-school hours that are required. Marching band performances include football half-time shows, local parades, and one or more marching contests. Students also participate in several concerts each year and University Interscholastic League Band Contest. They are encouraged to participate in Solo and Ensemble Contest, All-Region and All-State Tryouts. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

FINE ARTS

2721 STAGE BAND/JAZZ BAND 1

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

2722 STAGE BAND/JAZZ BAND 2

GRADE PLACEMENT: 10
CREDIT: 1 UNIT

2723 STAGE BAND/JAZZ BAND 3

GRADE PLACEMENT: 11
CREDIT: 1 UNIT

2724 STAGE BAND/JAZZ BAND 4

GRADE PLACEMENT: 12
CREDIT: 1 UNIT

Prerequisite: Audition and Concurrent Enrollment in Marching Band. Keyboard, guitar, and bass guitar by audition only. Seeks to explore different styles (Jazz, Latin, Rock, etc.) available to the Big Band setting. In addition to reading music, the students will work in the area of improvisation. A maintenance fee may be charged to students using school-owned instruments. There will be performances and rehearsals that occur during non-school hours that are required.

2761 CONCERT ORCHESTRA 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2762 CONCERT ORCHESTRA 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2763 CONCERT ORCHESTRA 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2764 CONCERT ORCHESTRA 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

Emphasizes the continuing development of string techniques and quality tone production. Each student is instructed in methods of evaluating quality performances in himself, his classmates, the small ensemble, and the larger ensemble. Preparation for and participation in solos, ensembles and region tryouts are encouraged. Students are required to develop greater sensitivity to the qualities of good string sound, accuracy of pitch, proper stylistic playing, adherence to tempo markings, rhythmic accuracy, blend and balance with the ensemble, and careful attention to dynamics without distortion of good sound. Students participate in several concerts each year and University Interscholastic League Concert and Sight-reading. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

This organization is for strings only.

FINE ARTS

2766 PHILHARMONIC ORCHESTRA 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2767 PHILHARMONIC ORCHESTRA 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2768 PHILHARMONIC ORCHESTRA 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2769 PHILHARMONIC ORCHESTRA 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

Emphasizes the continuing development of string techniques and quality tone production. Each student is instructed in methods of evaluating quality performances in himself, his classmates, the small ensemble, and the larger ensemble. Preparation for and participation in solos, ensembles and region tryouts are encouraged. Students are required to develop greater sensitivity to the qualities of good string sound, accuracy of pitch, proper stylistic playing, adherence to tempo markings, rhythmic accuracy, blend and balance with the ensemble, and careful attention to dynamics without distortion of good sound. Students participate in several concerts each year and University Interscholastic League Concert and sight-reading. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

This organization is primarily for strings; however, wind and percussion instruments may be added at the discretion of the director and as campus schedule permits.

This organization is for strings only.

2780 CAMERATA ORCHESTRA 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2765 CAMERATA ORCHESTRA 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2770 CAMERATA ORCHESTRA 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2775 CAMERATA ORCHESTRA 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

Emphasizes the continuing development of string techniques and quality tone production. Each student is instructed in methods of evaluating quality performances in himself, his classmates, the small ensemble, and the larger ensemble. Preparation for and participation in solos, ensembles and region tryouts are encouraged. Students are required to develop greater sensitivity to the qualities of good string sound, accuracy of pitch, proper stylistic playing, adherence to tempo markings, rhythmic accuracy, blend and balance with the ensemble, and careful attention to dynamics without distortion of good sound. Students participate in several concerts each year and University Interscholastic League Concert and Sight-reading. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

This organization is for strings only.

FINE ARTS

2771 SYMPHONIC ORCHESTRA 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2772 SYMPHONIC ORCHESTRA 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2773 SYMPHONIC ORCHESTRA 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2774 SYMPHONIC ORCHESTRA 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

Gives the student the fullest possible experience in orchestra and develops desirable skills through rehearsal and performance of a variety of styles of music. The student will have rehearsal and performance opportunities with the string orchestra and/or the full orchestra. Students participate in several concerts each year and University Interscholastic League Concert and sight-reading. Students may be required to participate in one or more of the following orchestral activities as part of their total course requirement: 1) University Interscholastic League Solo and Ensemble Contest; 2) All-Region Orchestra auditions; 3) All-State Orchestra auditions. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

This organization is primarily for strings; however, wind and percussion instruments may be added at the discretion of the director and as campus schedule permits.

2805 CHAMBER ORCHESTRA 1

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

2806 CHAMBER ORCHESTRA 2

GRADE PLACEMENT: 10
CREDIT: 1 UNIT

2807 CHAMBER ORCHESTRA 3

GRADE PLACEMENT: 11
CREDIT: 1 UNIT

2808 CHAMBER ORCHESTRA 4

GRADE PLACEMENT: 12
CREDIT: 1 UNIT

Prerequisite: Concurrent enrollment in corresponding orchestra class by audition and/or director recommendation.

Affords string students the opportunity to develop stronger playing skills more rapidly and in more depth. All prerequisites and course descriptions relating to corresponding orchestra classes are also applicable to this class.

FINE ARTS

2776 MEN'S CONCERT CHOIR 1

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

2777 MEN'S CONCERT CHOIR 2

GRADE PLACEMENT: 10
CREDIT: 1 UNIT

2778 MEN'S CONCERT CHOIR 3

GRADE PLACEMENT: 11
CREDIT: 1 UNIT

2779 MEN'S CONCERT CHOIR 4

GRADE PLACEMENT: 12
CREDIT: 1 UNIT

Develops and appreciation of choral music and desirable vocal skills through the rehearsal and performance of a variety of styles of appropriate choral literature. Fundamentals of Music Theory will be emphasized through sight reading and rhythmic drill exercises. The choir will perform at concerts and/or choral competitions ad deemed appropriate by the director. Preparation for and participation in University Interscholastic League Solo and Ensemble Contest and TMEA All-Region auditions is encouraged. A nominal non-refundable activity fee will be collected each year the student is enrolled in this course.

2781 WOMEN'S CONCERT CHOIR 1

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

2782 WOMEN'S CONCERT CHOIR 2

GRADE PLACEMENT: 10
CREDIT: 1 UNIT

2783 WOMEN'S CONCERT CHOIR 3

GRADE PLACEMENT: 11
CREDIT: 1 UNIT

2784 WOMEN'S CONCERT CHOIR 4

GRADE PLACEMENT: 12
CREDIT: 1 UNIT

Develops and appreciation of choral music and desirable vocal skills through the rehearsal and performance of a variety of styles of appropriate choral literature. Fundamentals of Music Theory will be emphasized through sight reading and rhythmic drill exercises. The choir will perform at concerts and/or choral competitions ad deemed appropriate by the director. Preparation for and participation in University Interscholastic League Solo and Ensemble Contest and TMEA All-Region auditions is encouraged. A nominal non-refundable activity fee will be collected each year the student is enrolled in this course.

FINE ARTS

2786 WOMEN'S SELECT CHOIR 1

GRADE PLACEMENT: 9
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT

2787 WOMEN'S SELECT CHOIR 2

GRADE PLACEMENT: 10
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT

2788 WOMEN'S SELECT CHOIR 3

GRADE PLACEMENT: 11
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT

2789 WOMEN'S SELECT CHOIR 4

GRADE PLACEMENT: 12
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT

Extends experiences for vocal students who have proven, through audition, to be able to perform above average in the areas of vocal technique, sight-reading, intervallic, and rhythmic analysis while performing the most challenging literature for treble choirs. The choir prepares music from the Renaissance to the present and will perform at concerts and/or choral competitions including University Interscholastic League competitions. Students may be required to participate in one or more of the following choral activities as part of their total course requirement: 1) UIL Solo and Ensemble Contest; 2) All-Region Choir auditions; 3) vocal enrichment lessons. A nominal non-refundable activity fee will be collected each year the student is enrolled in this course.

2791 A CAPPELLA CHOIR 1

GRADE PLACEMENT: 9
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT

2792 A CAPPELLA CHOIR 2

GRADE PLACEMENT: 10
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT

2793 A CAPPELLA CHOIR 3

GRADE PLACEMENT: 11
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT

2794 A CAPPELLA CHOIR 4

GRADE PLACEMENT: 12
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT

Provides experiences for the advanced vocal student who has proven, through audition, to be able to excel in the areas of vocal technique, sight-reading, intervallic, and rhythmic analysis, while continuing to perform the most difficult music available for high school mixed choirs. The choir prepares music from the earliest Renaissance to the present. This choir performs at concerts and University Interscholastic League competitions. Students may be required to participate in one or more of the following choral activities as part of their total course requirement: 1) UIL Solo and Ensemble Contest; 2) All-Region Choir auditions; 3) vocal enrichment lessons. A non-refundable activity fee will be collected each year the student is enrolled in this course.

FINE ARTS

2801 VOCAL ENSEMBLE 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT (FINE ARTS)

2802 VOCAL ENSEMBLE 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT (FINE ARTS)

2803 VOCAL ENSEMBLE 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT (FINE ARTS)

2804 VOCAL ENSEMBLE 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT (FINE ARTS CREDIT)

Prerequisite: Vocalists by audition and concurrent enrollment in A Cappella choir. Instrumentalists by audition only. Offers more talented student an opportunity to experience, through performance, methods and styles appropriate to the type of vocal ensemble (madrigals, jazz choir, show choir, pop choir, etc.). This ensemble performs a rigorous schedule of concerts and/or vocal competitions. Membership in this ensemble requires the purchase of a uniform. See the choir director for details.

2801P VOCAL ENSEMBLE 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT (PE CREDIT)

2802P VOCAL ENSEMBLE 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT (PE CREDIT)

2803P VOCAL ENSEMBLE 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT (PE CREDIT)

2804P VOCAL ENSEMBLE 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT (PE CREDIT)

Prerequisite: Vocalists by audition and concurrent enrollment in A Cappella choir. Instrumentalists by audition only. Offers more talented student an opportunity to experience, through performance, methods and styles appropriate to the type of vocal ensemble (madrigals, jazz choir, show choir, pop choir, etc.). This ensemble performs a rigorous schedule of concerts and/or vocal competitions. Membership in this ensemble requires the purchase of a uniform. See the choir director for details.

FINE ARTS

2711 MUSIC THEORY 1

GRADE PLACEMENT: 10-11
PREREQUISITE: INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

2712 MUSIC THEORY 2

GRADE PLACEMENT: 11-12
PREREQUISITE: INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

Broadens the knowledge of the more serious student of music in fundamentals with emphasis on related skills in ear training, sight-singing and keyboard harmony and composition.

2715 AP MUSIC THEORY

GRADE PLACEMENT: 11-12
PREREQUISITE: MUSIC THEORY I
CREDIT: 1 UNIT

Introduces musicianship, theory, musical materials and procedure. It integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. The student's ability to read and write musical notation is fundamental to such a course. Students are required to take the College Board's AP Examination in Music Theory.

1465 IB MUSIC I (HL)

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT

Focuses on the study, analysis, and examination of music from various cultures with an emphasis on theory, history, composition, and performance. Previous musical experience is required. IB Music may fulfill one of the three required Standard Level or Higher Level components for the IB Diploma Candidate. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only

2870 THEATRE ARTS I

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Introduces the basic components of theatre skills through which the student begins to develop an appreciation of live theatre, the various performing arts, and a study of plays. Requires attendance of productions and minimal after school rehearsal.

2871 THEATRE ARTS 2

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

Investigates the area of acting. Encompasses the study of character and play analysis, and basic technical skills. Encourages students to audition for school productions and take advantage of competitive dramatic events available to them. Requires attendance of productions, competitive activities and some after school rehearsal.

FINE ARTS

2872 THEATRE ARTS 3

GRADE PLACEMENT: 11-12
PREREQUISITE: INSTRUCTOR APPROVAL AND AUDITION
CREDIT: 1 UNIT

Explores the highly complex area of theatre. Emphasizes performing a role, development of creative skill and relating to other actors in a meaningful way, with special emphasis on competitive work and department productions. Requires participation in production and competitive activities.

2873 THEATRE ARTS 4

GRADE PLACEMENT: 12
PREREQUISITE: INSTRUCTOR APPROVAL AND AUDITION
CREDIT: 1 UNIT

Continues study of Theatre Arts 3 with emphasis on individual interests. Competition and production are required. Requires participation in production and competitive activities.

2874 THEATRE ARTS INDEPENDENT STUDY

GRADE PLACEMENT: 9-12
PREREQUISITE: INSTRUCTOR APPROVAL
CREDIT: 1 UNIT (LOCAL)

Emphasizes performance and competitive activities and allows students who need more flexibility to focus independently on performance techniques. Requires participation in production and competitive activities.

1468 IB THEATRE ARTS (HL)

GRADE PLACEMENT: 9-12
PREREQUISITE: INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

1469 IB THEATRE ARTS (HL)

GRADE PLACEMENT: 9-12
PREREQUISITE: INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

Explores three interrelated areas of theatre from the perspective of dramaturgy, director, performer, group ensemble, production team and spectator. Theatre in the making is on the process of theatre making rather than the presentation of theatre. It encompasses the acquisition and development of all skills required to create, present and observe theatre. It is exploratory in nature. Theatre in performance is on the application of skills developed in theatre in the making. This involves students in various aspects of presenting theatre, where their practical skills can be applied in different roles (as performers and as part of the production team, while also building knowledge they have acquired in other areas. Theatre in the world focuses on a practical and theoretical exploration of a range of theatre traditions and cultural practices around the world. It allows students to explore the origins and traditions of a variety of theatre conventions and practices from diverse cultural and historical contexts.

RHS campus only.

2875 TECHNICAL THEATRE 1

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Involves students in scenery construction, lighting, costumes, make-up, properties and sound reinforcement for an actual theatre production. Lab time required. Substitution of written work available by contract. Requires attendance of productions.

NOTE: INVOLVES AFTER SCHOOL PARTICIPATION

FINE ARTS

2876 TECHNICAL THEATRE 2

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

Explores the technical and business aspects of the theatre and the application of these methods and procedures with the major portion of class time spent on actual work on a production. Encourages students to learn all aspects of technical production and then concentrate on those skills which are of most interest to them. Production work required. Requires attendance of productions, competitive activities and some after school rehearsal.

NOTE: INVOLVES AFTER SCHOOL PARTICIPATION

2877 TECHNICAL THEATRE 3

GRADE PLACEMENT: 11-12
PREREQUISITE: TECHNICAL THEATRE I & II AND INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

2878 TECHNICAL THEATRE 4

GRADE PLACEMENT: 11-12
PREREQUISITE: TECHNICAL THEATRE 1, 2, & 3 AND INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

Gives the student further opportunity to explore the highly complex world of technical theatre. Emphasizes continued development in all areas of technical theatre; including but not limited to design, leadership, departmental design, facility management, technical support, and production. Production work requires time outside the school day; sometimes weekends and holidays and participation in the actual production and department activities.

NOTE: INVOLVES AFTER SCHOOL PARTICIPATION

2880 THEATRE PRODUCTION 1

GRADE PLACEMENT: 9-12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2881 THEATRE PRODUCTION 2

GRADE PLACEMENT: 10-12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2882 THEATRE PRODUCTION 3

GRADE PLACEMENT: 11-12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

2883 THEATRE PRODUCTION 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT

Theatre Production 1-4 is a co-curricular laboratory for exploration, development and synthesis of all the elements of production. Practical experiences in performance and stagecraft are provided through the preparation and public performances of one or more plays/musicals.

SPEECH/DEBATE

2827 TECHNICAL THEATRE INDEPENDENT STUDY

GRADE PLACEMENT: 11-12
PREREQUISITE: INSTRUCTOR APPROVAL
CREDIT: 1 UNIT (LOCAL)

Continues technical study for students who need more flexibility. Emphasizes continued development in all areas of technical theatre and allows students to focus independently in their areas of interest. Some production work and lab time are **REQUIRED**. Occasional substitution of major research and/or design work is possible by contract. Requires participation in production.

2601 COMMUNICATION APPLICATIONS (SPEECH)

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT

Improves interpersonal communications and public speaking skills. Students will explore the role of verbal communications, nonverbal communications, public speaking and rhetorical criticism.

9260 APPLIED COMMUNICATIONS APPLICATIONS

GRADE PLACEMENT: 9-12+
CREDIT: 1/2 UNIT

Student will focus on personal and public oral and written communication skills with an emphasis on obtaining needed information. Adapted to meet the needs outlined in student's IEP.

9160 DEVELOPMENTAL COMMUNICATIONS APPLICATIONS

CREDIT: 1/2 UNIT

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

RLT campus only.

8300 PROFESSIONAL COMMUNICATIONS (SPEECH)

GRADE PLACEMENT: 9-12
CREDIT: 1/2 UNIT

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 may be used to satisfy Speech credit.

2606 DEBATE 1 (NONCOMPETITIVE)

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Helps students develop competence in reasoning, research skills, public speaking, and argumentation. Emphasizes improved analytical thinking and speaking skills. Competition is encouraged.

2607 DEBATE 1 (COMPETITIVE)

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Prepares the novice debater who has an interest in competitive debate. Students are required to participate in tournaments in both argumentation events and public speaking events. Numerous research assignments, writing assignments and performance assignments will be required. In addition, each student will be expected to attend afternoon practice sessions.

SPEECH/DEBATE

2623 DEBATE 2

GRADE PLACEMENT: 10-12
PREREQUISITE: 2606
CREDIT: 1 UNIT

Prepares the advanced debate student who has proved through prior participation and teacher approval to be dedicated to an intense study of argumentation and debate. Students are required to participate in competitive debate situations throughout the year. Numerous research assignments must be completed both during and outside of the normal school day.

2665 DEBATE 3

GRADE PLACEMENT: 11-12
PREREQUISITE: 2623 AND INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

Emphasizes debate techniques, oratory and extemporaneous speaking and involvement in activities designed to stimulate the self-directed student's awareness of the effectiveness of good speaking techniques. Competition is required.

2666 DEBATE 4

GRADE PLACEMENT: 12
PREREQUISITE: DEBATE III
CREDIT: 1 UNIT (LOCAL)

Emphasizes debate techniques, oratory and extemporaneous speaking and involvement in activities designed to stimulate the self-directed student's awareness of the effectiveness of good speaking techniques. Competition is required.

JOURNALISM

2930 JOURNALISM I

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT

Provides an introduction to the basics of Journalism. Includes forms and styles of journalistic writing, layout, design and production methods, processes of reporting, editing, basic principles of advertising, fundamentals of photography, production methods and organization of school publications. Skills of critical thinking and writing are emphasized.

2935 INDEPENDENT STUDY JOURNALISM (1ST TIME TAKEN)

GRADE PLACEMENT: 11-12
PREREQUISITE: INSTRUCTOR APPROVAL
CREDIT: 1 UNIT

2936 INDEPENDENT STUDY JOURNALISM (2ND TIME TAKEN)

GRADE PLACEMENT: 11-12
PREREQUISITE: INSTRUCTOR APPROVAL
CREDIT: 1/2 UNIT

Allows writers and photographers to experiment with journalistic expression in a variety of formats including journalistic writing and photography at an advanced level. Students may NOT take the course in place of regularly scheduled newspaper or yearbook courses, and may NOT enroll in the course without adviser approval.

2940 PHOTOJOURNALISM

GRADE PLACEMENT: 10-11
PREREQUISITE: INSTRUCTOR APPROVAL
CREDIT: 1/2 UNIT

Acquaints the student with photojournalism. Includes introduction to basic camera techniques and photo composition. Different campuses may vary between traditional darkroom and digital photo labs so equipment, supply lists and **lab fees** will vary.

JOURNALISM

2950 ADVANCED JOURNALISM: NEWSPAPER PRODUCTION I

GRADE PLACEMENT: 10-12
PREREQUISITE: 2930 OR 2940
CREDIT: 1 UNIT

Allows the student to participate in the actual production of a newspaper. Students practice basic skills under the conditions of a production situation. Used as a teaching instrument within the approved curriculum, the paper remains under the supervision of the instructor; but the students actually operate the production by working in one or more of the following areas: photography, editing/reporting, and business management/advertising. Some after school hours are required.

2955 ADVANCED JOURNALISM: NEWSPAPER PRODUCTION II

GRADE PLACEMENT: 11-12
PREREQUISITE: 2950
CREDIT: 1 UNIT

Provides students opportunity to participate in leadership roles in the production of a school newspaper. Students learn all aspects of the production of a school newspaper as well as one of the following journalistic specialties: desktop publishing, photography, editing/reporting, or business management/advertising. Students practice and refine advanced writing and editing skills. Some after school hours are required.

2960 ADVANCED JOURNALISM: NEWSPAPER PRODUCTION III

GRADE PLACEMENT: 12
PREREQUISITE: 2955
CREDIT: 1 UNIT

Provides opportunity for the advanced journalism student who displays a high degree of skill and motivation in the area of newspaper production. Students lead the journalism staff in the production of the school newspaper and develop advanced and specialized skills in at least one of the following areas: desktop publishing, photography, editing/reporting, or business management/advertising. Students practice and refine advanced writing and editing skills. Some after school hours are required.

2965 ADVANCED JOURNALISM: YEARBOOK I

GRADE PLACEMENT: 10 - 12
PREREQUISITE: 2930 OR 2940
CREDIT: 1 UNIT

Emphasizes the production of a yearbook through comprehensive reporting and on-the-spot photojournalism. Students may elect to work in desktop publishing, layout-copy production, photography, or business/ advertising. Students use graphic arts skills. Some after school hours are required.

2970 ADVANCED JOURNALISM: YEARBOOK II

GRADE PLACEMENT: 11 - 12
PREREQUISITE: 2965
CREDIT: 1 UNIT

Allows students the opportunity to participate in leadership roles in the production of a school yearbook. Students specialize in one of the areas of desktop publishing, layout-copy production, photography, or business/ advertising, and learn the basic skills of all areas of magazine production as well. Some after school hours are required.

2975 ADVANCED JOURNALISM: YEARBOOK III

GRADE PLACEMENT: 12
PREREQUISITE: 2970
CREDIT: 1 UNIT

Assists the advanced journalism student who displays a high degree of skill and motivation in the area of yearbook/ magazine production, leading other students on the staff in the production of the school yearbook. Students must demonstrate a well-developed sense of responsibility, leadership, and management skills in order to succeed in this course. They develop advanced and specialized skills in one of the following areas: photojournalism, layout/copy production, or business/ advertising. Some after school hours are required.

WORLD LANGUAGES

3401 WORLD LANGUAGE LEVEL I – AMERICAN SIGN LANGUAGE

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT

3402 WORLD LANGUAGE LEVEL II – AMERICAN SIGN LANGUAGE

GRADE PLACEMENT: 11-12
PREREQUISITE: 3401
CREDIT: 1 UNIT

Introduces basic signs, phrases and sentences using American Sign Language. Appreciation of the American Deaf culture will be emphasized.

**Dual Credit through BHC or distance learning only*

FRENCH

3604 WORLD LANGUAGE LEVEL I - FRENCH

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Introduces basic speaking, reading, and writing skills. Emphasizes vocabulary building and the study of Francophone culture.

3605 WORLD LANGUAGE LEVEL II - FRENCH

GRADE PLACEMENT: 9-12
PREREQUISITE: 3604
CREDIT: 1 UNIT

Emphasizes understanding the spoken word and speaking. Develops writing skills and reading for comprehension based on the people and cultures of France and francophone countries.

3606 PRE AP WORLD LANGUAGE LEVEL III - FRENCH

GRADE PLACEMENT: 11-12
PREREQUISITE: 3605
CREDIT: 1 UNIT

Develops reading skills in addition to listening comprehension, speaking and writing. Stresses a broader appreciation of French culture and civilization.

3607 AP WORLD LANGUAGE LEVEL IV – FRENCH

GRADE PLACEMENT: 12
PREREQUISITE: 3606
CREDIT: 1 UNIT

Increases the amount of reading significantly and further develops writing skills. Continues an emphasis on French culture and civilization. Includes a survey of French literature, reading of literary selections, and literary analysis.

3608 WORLD LANGUAGE LEVEL V - FRENCH

GRADE PLACEMENT: 12
PREREQUISITE: FRENCH IV
CREDIT: 1 UNIT

Increases the amount of reading and writing significantly and refines use of grammar, sentence structure and vocabulary. Speaking with acceptable accuracy and fluency is emphasized as well. The study of literature and culture is included, but the main emphasis is on language skills and communication. Designed to prepare students for the AP French Language Exam.

WORLD LANGUAGES

1445 HONORS WORLD LANGUAGE FRENCH III

GRADE PLACEMENT: 11

PREREQUISITE: FRENCH II AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

Expands a student's study of the French language and culture. The main emphasis is on language acquisition and use in a range of contexts and for different purposes, and instruction will center upon the core elements of listening, speaking, reading, and writing. Honors French III is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme at RHS campus only

1446 WORLD LANGUAGE IB FRENCH IV

GRADE PLACEMENT: 11-12

PREREQUISITE: PRE-DIPLOMA FRENCH III AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

Advances a student's study of the French language, literature, and culture. The main emphasis is on sophisticated language acquisition and use in a range of contexts and for different purposes, and instruction will center upon the core elements of listening, speaking, reading, and writing. IB French 4 may fulfill one of the three required Standard Level components for the IB Diploma Candidate. Students will be required to complete all IB assessments associated with this course. Students may choose to test for Advanced Placement credit.

IB Diploma Programme at RHS campus only

GERMAN

3700 WORLD LANGUAGE LEVEL I - GERMAN

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Emphasizes language skills in listening, speaking, reading, and writing. Includes a study of German culture.

3701 WORLD LANGUAGE LEVEL II - GERMAN

GRADE PLACEMENT: 10-12

PREREQUISITE: 3700

CREDIT: 1 UNIT

Emphasizes understanding the spoken word and speaking. Develops writing skills and reading for comprehension based on German culture.

3702 PRE AP WORLD LANGUAGE LEVEL III - GERMAN

GRADE PLACEMENT: 11-12

PREREQUISITE: 3701

CREDIT: 1 UNIT

Develops writing skills in addition to skills in listening, comprehension, speaking, and reading. Involves study towards a further appreciation of German culture.

3703 AP WORLD LANGUAGE LEVEL IV - GERMAN

GRADE PLACEMENT: 11-12

PREREQUISITE: 3702

CREDIT: 1 UNIT

Increases amount of reading and further develops writing skills. Emphasizes in-depth study of German culture and literature.

WORLD LANGUAGES

3704 WORLD LANGUAGE LEVEL V - GERMAN

GRADE PLACEMENT: 12
PREREQUISITE: 3703
CREDIT: 1 UNIT

Provides the student who will continue in a program consisting of discussion-level conversation, in-depth study of authentic German literature, advanced level writing skills and higher level listening activities which all combine to prepare the student for the German AP Test.

JAPANESE

3750 WORLD LANGUAGE LEVEL I - JAPANESE

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Provides students with live experiences in comprehending, speaking, reading and writing in the Japanese language, as well as acquiring information about the customs and culture of Japan through contact with Japanese people.

3751 WORLD LANGUAGE LEVEL II - JAPANESE

GRADE PLACEMENT: 10-12
PREREQUISITE: 3750
CREDIT: 1 UNIT

Offers students live experiences in comprehending, speaking, reading and writing in the Japanese language, as well as acquiring information about the customs and culture of Japan through contact with Japanese people. Additional facility with the language.

3752 PRE AP WORLD LANGUAGE LEVEL III - JAPANESE

GRADE PLACEMENT: 11-12
PREREQUISITE: 3751
CREDIT: 1 UNIT

Provides students with oral and written language skills with concentration on understanding instruction delivered in Japanese. Students should understand that this college-level course will demand outside preparation and intensive study.

3753 AP WORLD LANGUAGE LEVEL IV - JAPANESE

GRADE PLACEMENT: 12
PREREQUISITE: 3752
CREDIT: 1 UNIT

Extends proficiency skills taught in Levels I-III so that students may continue their study of the language.

3754 WORLD LANGUAGE JAPANESE V LANGUAGE AND CULTURE

GRADE PLACEMENT: 11-12
PREREQUISITE: PRE-AP WORLD LANGUAGE JAPANESE IV (3753)
CREDIT: 1 UNIT

Improves the productive, receptive and cultural skills necessary to communicate with native speakers and writers of Japanese. Encourages critical reflection about the Japanese culture, society, and other social categories. Proficiency levels at the conclusion of the course are expected to reach the Intermediate Low to Intermediate Mid-range, as described in the American Council on the Teaching of Foreign Languages.

WORLD LANGUAGES

SPANISH

3807 WORLD LANGUAGE LEVEL I - SPANISH FOR NATIVE SPEAKERS

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Emphasizes standard spoken and written Spanish, grammar, listening skills, and reading comprehension based on the culture of the Hispanic world.

3808 WORLD LANGUAGE LEVEL I - SPANISH

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces basic listening, speaking, reading and writing skills. Emphasizes vocabulary building and includes the study of Hispanic culture.

3809 WORLD LANGUAGE LEVEL II – SPANISH FOR NATIVE SPEAKERS

GRADE PLACEMENT: 9-12

PREREQUISITE: 3807

CREDIT: 1 UNIT

Emphasizes standard spoken and written Spanish. Increases reading, grammar and writing skills as well as the study of the people and cultures of the Hispanic world.

3810 WORLD LANGUAGE LEVEL II - SPANISH

GRADE PLACEMENT: 9-12

PREREQUISITE: WORLD LANGUAGE LEVEL I-SPANISH

CREDIT: 1 UNIT

Emphasizes understanding the spoken word and speaking. Develops writing skills and reading comprehension based on the culture of the Hispanic world.

3819 PRE AP WORLD LANGUAGE LEVEL III- SPANISH FOR NATIVE SPEAKERS

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Increases vocabulary, reading skills and grammar in addition to listening comprehension, speaking and writing. Develops a greater appreciation of Hispanic culture and civilization.

3820 PRE-AP WORLD LANGUAGE LEVEL III SPANISH

GRADE PLACEMENT: 10-12

PREREQUISITE: 3810

CREDIT: 1 UNIT

Develops reading skills in addition to greater skills in listening, speaking and writing. Develops a fuller appreciation of Hispanic culture and civilization. Helps to prepare students for Spanish IV Pre AP.

3822 WORLD LANGUAGE LEVEL IV – AP SPANISH LANGUAGE

GRADE PLACEMENT: 11-12

PREREQUISITE: 3820

CREDIT: 1 UNIT

Increases the amount of original writing and reading. Class discussion in Spanish. Places a strong emphasis on Hispanic culture and civilization. Includes a survey of Hispanic literature, reading of literary selections, and literary analysis. This course prepares the student for the AP Language examination.

WORLD LANGUAGES

3823 WORLD LANGUAGE LEVEL V – AP SPANISH LITERATURE

GRADE PLACEMENT: 12
PREREQUISITE: SPANISH IV
CREDIT: 1 UNIT

Includes a survey of Hispanic literature, reading of literary selections, and literary analysis. Students will prepare for the Spanish advanced placement test (literature portion).

1440 HONORS WORLD LANGUAGE SPANISH III

GRADE PLACEMENT: 10-11
PREREQUISITE: SPANISH II AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT

Expands a student's study of the Spanish language and culture. The main emphasis is on language acquisition and use in a range of contexts and for different purposes, and instruction will center upon the core elements of listening, speaking, reading, and writing. Honors Spanish III is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme at RHS campus only

1441 WORLD LANGUAGE IB SPANISH IV

GRADE PLACEMENT: 11-12
PREREQUISITE: SPANISH III AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT

Advances a student's study of the Spanish language, literature, and culture. The main emphasis is on sophisticated language acquisition and use in a range of contexts and for different purposes, and instruction will center upon the core elements of listening, speaking, reading, and writing. IB Spanish 4 will fulfill one of the three required Standard Level components for the IB Diploma Candidate. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme at RHS campus only

1443 WORLD LANGUAGE IB SPANISH V

GRADE PLACEMENT: 11-12
PREREQUISITE: SPANISH IV AND/OR IB DIPLOMA
CREDIT: 1 UNIT

Focuses on the learning of language through meaning. The following topics will be utilized as unifying concepts to guide the course: communication and media, global issues, social relationships, cultural diversity, science and technology, and literature.

Students in this course will: understand complex recorded or spoken information in Spanish; appreciate literary works in the target language; understand complex authentic written texts; communicate orally in the target language in order to explain in detail and defend a point of view, and accurately describe in detail experiences and events, as well as abstract ideas and concepts; produce clear texts in Spanish where the use of register, style, rhetorical devices and structural elements are appropriate to the audience and purpose; produce clear and convincing arguments in Spanish to support a point of view; demonstrate interaction that flows coherently with a degree of fluency and spontaneity; engage coherently in conversations in Spanish in a variety of situations; demonstrate intercultural engagement with the target language and culture(s)..

IB Diploma Programme at RHS campus only

WORLD LANGUAGES

ECHS COURSES

3308 WORLD LANGUAGE BEGINNING SPANISH I

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces students to the Spanish language. This is the first semester of academic transfer Spanish. This course is an introductory course intended for students with little or no knowledge of the language. Its aim is to present essential vocabulary and grammar, and to develop the pronunciation, listening, reading, and writing skills necessary for basic communication and comprehension. Customs and cultural insights are also presented. This course is cross-listed as SPAN 1311, which is also used in Study Abroad programs. Students may register for either SPAN 1311 or SPAN 1411 but may receive credit for only one of the two. Brookhaven Course #1411

3810 WORLD LANGUAGE BEGINNING SPANISH II

GRADE PLACEMENT: 9-12

PREREQUISITE: SPAN 1411 OR EQUIVALENT, OR SPANISH 1300 AND SPANISH 1311, OR DEMONSTRATED COMPETENCE APPROVED BY INSTRUCTOR

CREDIT: 1 UNIT

Continuation of oral practice, reading, writing, grammar and cultural studies begun in Spanish 1411. This is the second semester of academic transfer Spanish. Students are expected to acquire a substantial amount of vocabulary and begin to deal with idiomatic language and more advanced syntax. This course is cross-listed as SPAN 1312, which is used *only* in Study Abroad programs. Students may register for either SPAN 1312 or SPAN 1412 but may receive credit for only one of the two. Brookhaven Course #1412.

3820 WORLD LANGUAGE SPANISH III INTERMEDIATE SPANISH I AND INTERMEDIATE SPANISH II

GRADE PLACEMENT: 10-12

PREREQUISITE: SPANISH 1412 OR EQUIVALENT

CREDIT: 1 UNIT

Enables students to further develop overall language proficiency and cultural knowledge through more advanced reading, listening, speaking and writing exercises. This is the third semester of academic transfer Spanish. Grammatical concepts are reviewed and expanded. Brookhaven course #2311

Stresses reading, composition, grammatical complexities, and intense oral practice, with continued studies of the culture. This is the fourth semester of academic transfer Spanish and a continuation of SPAN 2311. Brookhaven course #2312.

3823 WORLD LANGUAGE INTRODUCTION TO SPANISH LITERATURE

GRADE PLACEMENT: 12

PREREQUISITE: SPANISH 2312 OR THE EQUIVALENT

CREDIT: 1 UNIT

Includes readings in Spanish literature, history, culture, art, and civilization. Brookhaven course #2322.

WORLD LANGUAGES

CHINESE

3901 WORLD LANGUAGE LEVEL I – CHINESE (MANDARIN)

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

3902 WORLD LANGUAGE LEVEL II – CHINESE (MANDARIN)

GRADE PLACEMENT: 10-12
PREREQUISITE: 3901
CREDIT: 1 UNIT

3903 PRE AP WORLD LANGUAGE LEVEL III – CHINESE (MANDARIN)

GRADE PLACEMENT: 11-12
PREREQUISITE: 3902
CREDIT: 1 UNIT

Provides students with experiences in comprehending, speaking, reading, and writing in the Chinese language. The student will also acquire information about the customs and culture of China.

**Newman Smith High School Only*

3904 WORLD LANGUAGE LEVEL IV – AP CHINESE (MANDARIN)

GRADE PLACEMENT: 11-12
PREREQUISITE: 3903 OR FLUENCY IN CHINESE
CREDIT: 1 UNIT

Increases the amount of reading and writing and refines the usage of grammar, sentence structure, and vocabulary of the Chinese language. Discussion level conversations and high level listening skills will prepare the student for the advanced placement examination.

KOREAN

3740 WORLD LANGUAGE LEVEL 1- KOREAN

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Introduces essential vocabulary and grammar in order to develop the pronunciation, listening, reading, and writing skills necessary for basic communication and comprehension. Includes insight into and an introduction to Korean culture.

**Newman Smith and Creekview High School only.*

3741 WORLD LANGUAGE LEVEL 2- KOREAN 2

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

NEW!

Students will continue to develop communication skills in all communication modes, interpersonal, interpretive, and presentational. Students will continue to insight into Korean culture. By the end of Level II, students should perform on a Novice Mid to Novice High proficiency level for reading and writing. In listening and speaking, students should perform on a Novice High to Intermediate Low proficiency level.

**Newman Smith and Creekview High School only.*

3742 PRE AP WORLD LANGUAGE LEVEL 3- KOREAN 3

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

NEW!

Students will continue to develop communication proficiency in all communication modes, interpersonal, interpretive and presentational. By the end of Level III, students of logographic languages should perform on a Novice High to Intermediate Low proficiency level for reading and writing. In listening and speaking, students of logographic languages should perform on an Intermediate Low to Intermediate Mid proficiency level.

**Newman Smith and Creekview High School only.*

PHYSICAL EDUCATION/ATHLETICS/HEALTH

One credit of P.E. is required to graduate and a maximum of four (4) credits in P.E. are permitted towards meeting the state graduation requirements. A. P.E. course may not be taken twice.

5594 AEROBIC ACTIVITIES/DANCE

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT

Explores various forms of low impact aerobics, high impact aerobics, and modern and traditional dance. Aerobic movements involve large muscle groups used in continuous rhythmic activities. Emphasis will be placed on activities that will promote healthy behaviors and an enjoyment of life-long physical activity.

This course may not be repeated for credit.

5597 INDIVIDUAL OR TEAM SPORTS (WEIGHTLIFTING)

GRADE PLACEMENT: 10-12
PREREQUISITE: APPROVAL FROM POWERLIFTING/WEIGHTLIFTING COACH ONLY
CREDIT: 1 UNIT

Provides students with the opportunity to gain insight into power lifting, and weightlifting.

5600 FOUNDATIONS OF PERSONAL FITNESS

GRADE PLACEMENT: 9-10
CREDIT: 1 UNIT

Analyzes the components of physical fitness and the relationship between physical fitness activities and stress. They will examine nutritional practices as related to their health and how to be a wise consumer as it relates to physical fitness equipment. The course includes a conditioning program based on an understanding of the physiological factors and changes involved in various exercises that incorporate muscular endurance, flexibility, and cardiovascular or cardio respiratory endurance. This course may not be repeated for credit.

5601 INDIVIDUAL OR TEAM SPORTS

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Includes opportunities to improve skills for participation in lifetime physical activities. There will be opportunities to participate, learn rules and officiate in many lifetime activities and sports.

This course may not be repeated for credit.

5604 ADVENTURES/OUTDOOR EDUCATION

GRADE PLACEMENT: 9-12
CREDIT: 1 PE UNIT

Develops competency in outdoor education activities that provide opportunities for enjoyment and challenge, ensuring fitness throughout the lifespan. Outdoor education will include such curriculum as: trip planning, orienteering and wilderness survival skills, archery, first aid, conservation and environmental issues, outdoor cooking and camping, hunter and water safety, fishing and tackle crafts. Students will further engage in various outdoor life time fitness activities and games.

This course may not be repeated for credit.

5610 ADAPTED PE

GRADE PLACEMENT: 9-12
PREREQUISITE: INSTRUCTOR APPROVAL

Provides physical activity to meet the needs of students who have a physical problem or disability.

PHYSICAL EDUCATION/ATHLETICS/HEALTH

5611 NON DISTRICT PROGRAM PE SUBSTITUTION 1

GRADE PLACEMENT: 9-12
PREREQUISITE: APPLICATION APPROVAL
CREDIT: 1/2 UNIT

5612 NON DISTRICT PROGRAM PE SUBSTITUTION 2

GRADE PLACEMENT: 9-12
PREREQUISITE: APPLICATION APPROVAL
CREDIT: 1/2 UNIT

5613 NON DISTRICT PROGRAM PE SUBSTITUTION 3

GRADE PLACEMENT: 9-12
PREREQUISITE: APPLICATION APPROVAL
CREDIT: 1/2 UNIT

5614 NON DISTRICT PROGRAM PE SUBSTITUTION 4

GRADE PLACEMENT: 9-12
PREREQUISITE: APPLICATION APPROVAL
CREDIT: 1/2 UNIT

Offers a cooperative arrangement between the district, the student, and an approved off-campus agency selected by the student who indicates a serious intent to obtain a high degree of proficiency in an activity not offered comprehensively through the physical education or athletic departments. Participation under professional supervision Category I Olympic Level requires a minimum fifteen hours per week, Category II Private or Commercially Sponsored requires a minimum of five hours per week, and a payment of \$125 semester fee is required.

Up to four credits can be awarded as PE substitution.

5616 AEROBIC ACTIVITIES (PEP SQUAD)

GRADE PLACEMENT: 9-10
CREDIT: 1 PE UNIT

Introduces basic drill team skills including kicks, splits, dances, routines, and team-building activities. Tryout procedures and requirements will be addressed. Uniform purchase and commitments outside of the school day may be required.

5621 CHEERLEADING I (PE SUBSTITUTION)

GRADE PLACEMENT: 9
PREREQUISITE: TRYOUTS ONLY*
CREDIT: 1 UNIT

5622 CHEERLEADING II (AEROBIC DANCE)

GRADE PLACEMENT: 10
PREREQUISITE: TRYOUTS ONLY*
CREDIT: 1 UNIT

5623 CHEERLEADING III

GRADE PLACEMENT: 11
PREREQUISITE: TRYOUTS ONLY*
CREDIT: 1 UNIT (LOCAL)

5624 CHEERLEADING IV

GRADE PLACEMENT: 12
PREREQUISITE: TRYOUTS ONLY*
CREDIT: 1 UNIT (LOCAL)

Provides students the opportunity to perform in numerous arenas including pep rallies, football-basketball-soccer games, wrestling matches, parades, competitions, spring show, and summer camp. Cheers, chants, jumps, pyramids, tumbling and conditioning will be performed. Opportunities to build school spirit, develop individual technique, and teamwork skills will be provided.

UNIFORM DEPOSIT AND ASSOCIATED COST IS REQUIRED.

ATHLETICS

Credits earned in Athletics count as “P.E. Equivalent” credits. One credit of P.E. is required to graduate and a maximum of four (4) credits of Athletics are permitted towards meeting the state graduation requirements.

The following courses are offered as a competitive athletics and/or off-season athletic/physical education courses and are governed by the rules and regulations of the University Interscholastic League.

GRADE PLACEMENT 9-12:

5805	Football 1	5831	B-Soccer 2	5857	Baseball 3
5806	Football 2	5832	B-Soccer 3	5858	Baseball 4
5807	Football 3	5833	B-Soccer4	5860	Softball 1
5808	Football 4	5835	G-Soccer 1	5861	Softball 2
5810	B-Basketball 1	5836	G-Soccer 2	5862	Softball 3
5811	B-Basketball 2	5837	G-Soccer 3	5863	Softball 4
5812	B-Basketball 3	5838	G-Soccer 4	5865	G-Basketball 1
5813	B-Basketball 4	5840	Tennis 1	5866	G-Basketball 2
5815	Wrestling 1	5841	Tennis 2	5867	G-Basketball 3
5816	Wrestling 2	5842	Tennis 3	5868	G-Basketball 4
5817	Wrestling 3	5843	Tennis 4	5875	G-Track 1
5818	Wrestling 4	5845	Golf 1	5876	G-Track 2
5820	Cross Country 1	5846	Golf 2	5877	G-Track 3
5821	Cross Country 2	5847	Golf 3	5878	G-Track 4
5822	Cross Country 3	5848	Golf 4	5880	Volleyball 1
5823	Cross Country 4	5850	Swim/Dive 1	5881	Volleyball 2
5825	B-Track 1	5851	Swim/Dive 2	5882	Volleyball 3
5826	B-Track 2	5852	Swim/Dive 3	5883	Volleyball 4
5827	B-Track 3	5853	Swim/Dive4		
5828	B-Track 4	5855	Baseball 1		
5830	B-Soccer 1	5856	Baseball 2		

PHYSICAL EDUCATION/ATHLETICS/HEALTH

MILITARY SCIENCE

5895 RESERVE OFFICERS TRAINING CORPS

GRADE: 9-12
CREDIT: 1 UNIT (ELECTIVE)

Introduces students to the importance of good citizenship, promotes patriotism, develops informed and responsible citizens, promotes habits of orderliness precision and develops a high degree of personal honor, self-reliance, self-discipline, and leadership. This course is also designed to provide incentives to live a healthy and drug free lifestyle through physical fitness as well as promote high school completion while developing a respect for and understanding of the need for a constituted authority in a democratic society.

RLT campus only.

5896 RESERVE OFFICERS TRAINING CORPS II

GRADE: 10-12
PREREQUISITE: JROTC I AND INSTRUCTOR APPROVAL
CREDIT: 1 UNIT (ELECTIVE)

5897 RESERVE OFFICERS TRAINING CORPS III

GRADE: 11-12
PREREQUISITE: JROTC I & II AND INSTRUCTOR APPROVAL
CREDIT: 1 UNIT (ELECTIVE)

5898 RESERVE OFFICERS TRAINING CORPS IV

GRADE: 11-12
PREREQUISITE: JROTC I, II & III AND INSTRUCTOR APPROVAL
CREDIT: 1 UNIT (ELECTIVE)

Continues to develop leadership and maritime related skills. Extensively looks at meteorology, navigation, world affairs and survival training. Extra-curricular activities include marksmanship programs, exhibition marching drill teams, ceremonial color guard and other sports and social events. Most expenses associated with activities and field trips are taken care of by the Navy, the school, or NJROTC fund-raising activities.

RLT campus only

5899 JROTC

GRADE: 9-12
PREREQUISITE: INSTRUCTOR APPROVAL; CONCURRENT ENROLLMENT IN ROTC I, II, III, IV
CREDIT: 1 UNIT

Develops basic and advanced knowledge and marksmanship skills for students who compete in local/regional JROTC rifle competitions.

RLT campus only.

5910 HEALTH

GRADE PLACEMENT: 9-12
CREDIT: 1/2 UNIT

Provides knowledge and understanding of the following areas; mental health, stress, depression, suicide, personality, nutrition, dieting, healthy and unhealthy relationships, male and female reproduction, CPR, first aid, STD's, alcohol, tobacco and drugs.

9250 APPLIED HEALTH

GRADE PLACEMENT: 9-12
CREDIT: 1/2 UNIT

Student will focus on making healthy lifestyle decisions including personal development strategies to use in addressing personal health and hygiene issues, and social skills development. Adapted to meet the needs outlined in student's IEP.

PHYSICAL EDUCATION/ATHLETICS/HEALTH

9251 APPLIED HEALTH PLUS

GRADE PLACEMENT: 10-12+
CREDIT: 1/2 UNIT

Student will continue to study health awareness and its application to current events, access to health and social services within the community, wellness strategies, mental health awareness, and substance abuse. Adapted to meet the needs outlined in student's IEP.

9150 DEVELOPMENTAL HEALTH

CREDIT: 1/2 UNIT
03810100

Individualized instruction that emphasizes the environment for students with severe cognitive and physical disabilities.
RLT campus only.

TECHNOLOGY APPLICATION

4008 TECHNOLOGY APPLICATIONS INDEPENDENT STUDY (FIRST YEAR)

GRADE PLACEMENT: 11-12
PREREQUISITE: COMPUTER SCIENCE II OR AP COMPUTER SCIENCE II
CREDIT: 1 UNIT

4009 TECHNOLOGY APPLICATIONS INDEPENDENT STUDY (SECOND YEAR)

Provides training in programming methodologies like object-oriented, artificial intelligence and web site development. The course will contain elements of independent study and teacher directed instruction through the use of projects.

4010 TECHNOLOGY LAB MANAGEMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: COURSE #8800
CREDIT: 1/2 UNIT (LOCAL)

Allows a student to assist a teacher(s) in setting up and carrying out lab activities, keeping equipment in order and performing other laboratory management duties as assigned by the teacher(s). For grading purposes, the student will demonstrate knowledge about responsibilities of the course and will perform duties in a consistent and responsible manner. The course can be repeated for a maximum of one credit.

RLT Academy of Media and Technology.

4012 COMPUTER LAB MANAGEMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: TWO YEARS OF TECHNOLOGY CLASSES
CREDIT: 1/2 UNIT (LOCAL)

Allows a student to assist a teacher(s) in setting up and carrying out lab activities, keeping equipment in order and performing other laboratory management duties as assigned by the teacher(s). For grading purposes, the student will demonstrate knowledge about responsibilities of the course and will perform duties in a consistent and responsible manner. The course can be repeated for a maximum of one credit.

8570 DESKTOP PUBLISHING

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT

Uses technology to produce publications including, but not limited to, use of the Internet for research and publication of stories online, the use of computer equipment to sell, produce and bill advertising, the use of computer equipment for newspaper/yearbook production, exploration in the use of digital camera equipment, and other activities necessary to meet credit requirements. Students will become experienced in the use of various software.

TECHNOLOGY APPLICATION

8401 COMPUTER SCIENCE I

GRADE PLACEMENT: 9-12
PREREQUISITE: CONCURRENT ALGEBRA I
CREDIT: 1 UNIT

Provides beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing. JAVA is the programming language used to teach the concepts.

8402 COMPUTER SCIENCE II

GRADE PLACEMENT: 10-12
PREREQUISITE: COMPUTER SCIENCE I
CREDIT: 1 UNIT

Includes object oriented programming, data structure, abstract data structures, sorting and searching, dynamic memory allocation and algorithmic analysis. JAVA is the programming language used for teaching computer concepts and for completing program assignments.

4005 AP COMPUTER SCIENCE A

GRADE PLACEMENT: 10-12
PREREQUISITE: COMPUTER SCIENCE I
CREDIT: 1 UNIT

Develops beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing. *May be used as one credit to meet the World Language graduation requirement.*

4006 AP COMPUTER SCIENCE PRINCIPLES

GRADE PLACEMENT: 10-12
PREREQUISITE: COMPUTER SCIENCE I
CREDIT: 1 UNIT

AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world with a unique focus on creative problem solving and real-world applications. AP Computer Science Principles prepares students for college and career. *May be used as one credit to meet the World Language graduation requirement.*

ADDITIONAL ELECTIVES

9702 SENIOR EXHIBITION INDEPENDENT STUDY SPEECH

GRADE PLACEMENT: 12
CREDIT: 1/2 UNIT

Allows students to create portfolios to display what they have learned in the core areas during their high school career. A display of learning from the various electives will also be included. Additionally, the course will include a career strand which would enable seniors to investigate a career of the students choosing. Students will also observe and interview a professional in the field. The summative exhibition will be presented before a panel including teachers, administrators, parents and members of the community.

9340 CAREER CONNECTIONS I

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Develops proficiency in decision making and problem solving which is an essential skill for career planning and lifelong learning. Students use self-knowledge, education and career information to make choices in order to set their own goals and self-manage their lives. Adapted to meet the needs outlined in student's IEP.

9339 CAREER CONNECTIONS II

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Continue to develop proficiency in decision making and problem solving which is an essential skill for career planning and lifelong learning. Students use self-knowledge, education, and career information to make choices in order to set their own goals and self-manage their lives. Adapted to meet the needs outlined in the students IEP.

ADDITIONAL ELECTIVES

1652 SAT/ACT PREP

GRADE PLACEMENT: 10-11
PREREQUISITE: COMPLETION OR CONCURRENT ENROLLMENT IN ALGEBRA II
CREDIT: 1/2 UNIT (LOCAL)

Focuses on specific test-taking strategies, many of which are applicable to other standardized tests and disciplines. Intensive practice and varied activities will be provided to meet individual needs. Students will receive the immediate feedback necessary for consistent improvement. Current research shows that such a course will increase student success.

7320 COMMUNITY SERVICE

GRADE PLACEMENT: 12
CREDIT: 1/2 UNIT (LOCAL)

Enables students to contribute hours of community service for high school elective credit. This opportunity will allow students to experience the positive benefits of volunteering and educate them regarding community resources. Concurrently, a sense of community pride will be generated as the school and community work together for the benefit of both.

NOTE: CFBISD DOES NOT PROVIDE TRANSPORTATION FOR STUDENTS PARTICIPATING IN THE COMMUNITY SERVICE CLASS. STUDENTS ARE EXPECTED TO PROVIDE THEIR OWN TRANSPORTATION TO OFF CAMPUS COMMUNITY SERVICE SITES TO PARTICIPATE IN THIS CLASS.

9143 VOCATIONAL EXPERIENCE I

GRADE PLACEMENT: 10-12+
CREDIT: 3 UNITS

Student will focus on individual responsibility on the job sites in the community with direct supervision by a certified teacher. Adapted to meet the needs outlined in student's IEP.

9144 VOCATIONAL EXPERIENCE II

GRADE PLACEMENT: 11-12+
CREDIT: 3 UNITS

Student will focus on individual responsibility on the job and will continue at local job sites with direct supervision by a certified teacher. Adapted to meet the needs outlined in student's IEP.

9343 OJT I

GRADE PLACEMENT: 11-12
CREDIT: UNITS (1-3) (DETERMINED BY ARD)

Places students in competitive paid employment with regularly schedule direct involvement by special education personnel in the implementation of the student's IEP. Adapted to meet the needs outlined in student's IEP.

9344 OJT II

GRADE PLACEMENT: 11-12
CREDIT: UNITS (1-3) (DETERMINED BY ARD)

Places students in competitive paid employment with regularly schedule direct involvement by special education personnel in the implementation of the student's IEP. Adapted to meet the needs outlined in student's IEP.

9241 APPLIED OCCUPATIONAL PREP I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT
84900241

Student will focus on employability skills and job searches including the exploration of a variety of jobs and activities related to the job. Adapted to meet the needs outlined in student's IEP.

9242 APPLIED OCCUPATIONAL PREP II

GRADE PLACEMENT: 10
CREDIT: 1 UNIT

Student will focus on aptitude, interests and skills related to job searches including the application and interview processes. Adapted to meet the needs outlined in student's IEP.

ADDITIONAL ELECTIVES

9243 APPLIED OCCUPATIONAL PREP III

GRADE PLACEMENT: 11+
CREDIT: 1 UNIT

Student will investigate services and resources to aid employment and help maintain a successful job experience. Adapted to meet the needs outlined in student's IEP.

9244 APPLIED OCCUPATIONAL PREP PLUS

GRADE PLACEMENT: 12+
CREDIT: 1 UNIT

Student will continue to investigate services and resources to aid employment and help maintain a successful job experience. Adapted to meet the needs outlined in student's IEP.

7200 PEER ASSISTANCE AND LEADERSHIP (SPARK - NSHS) (POINT - CHS) (WOLFPACK -RANCHVIEW)

GRADE PLACEMENT: 11-12
CREDIT: 1/2 UNIT (LOCAL)

Provides an alternative to the regular psychology elective. This course is activity based and stresses active listening, communication skills, group processes, and peer counseling. The course may not be repeated.

NOTE: CFBISD DOES NOT PROVIDE TRANSPORTATION FOR STUDENTS PARTICIPATING IN THE COMMUNITY SERVICE CLASS. STUDENTS ARE EXPECTED TO PROVIDE THEIR OWN TRANSPORTATION TO OFF CAMPUS COMMUNITY SERVICE SITES TO PARTICIPATE IN THIS CLASS.

7208 PEER ASSISTANCE AND LEADERSHIP I (SPARK - NSHS) (POINT - CHS) (WOLFPACK -RANCHVIEW)

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT (State Credit)

Provides an alternative to the regular psychology elective. This course is activity based and stresses active listening, communication skills, group processes, and peer counseling. The course may not be repeated. Teacher must have completed the PALs training to offer as state elective credit; find training info at <http://palusa.org>

NOTE: CFBISD DOES NOT PROVIDE TRANSPORTATION FOR STUDENTS PARTICIPATING IN THE COMMUNITY SERVICE CLASS. STUDENTS ARE EXPECTED TO PROVIDE THEIR OWN TRANSPORTATION TO OFF CAMPUS COMMUNITY SERVICE SITES TO PARTICIPATE IN THIS CLASS.

7209 PEER ASSISTANCE AND LEADERSHIP II (SPARK - NSHS)(POINT - CHS) (WOLFPACK -RANCHVIEW)

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT (State Credit)

Provides an alternative to the regular psychology elective. This course is activity based and stresses active listening, communication skills, group processes, and peer counseling. The course may not be repeated. Teacher must have completed the PALs training to offer as state elective credit; find training info at <http://palusa.org>.

NOTE: CFBISD DOES NOT PROVIDE TRANSPORTATION FOR STUDENTS PARTICIPATING IN THE COMMUNITY SERVICE CLASS. STUDENTS ARE EXPECTED TO PROVIDE THEIR OWN TRANSPORTATION TO OFF CAMPUS COMMUNITY SERVICE SITES TO PARTICIPATE IN THIS CLASS.

9800 STUDENT AIDE

GRADE PLACEMENT: 12
CREDIT: 0 UNIT

Allows seniors who have sufficient credits to graduate and who possess characteristics of responsibility and dependability may register to be a student aide. Aides are assigned to classrooms and school offices and are expected to carry out duties as assigned. Failure to attend aide period will affect examination exemption status. Failure to attend aide period will result in disciplinary action

ADDITIONAL ELECTIVES

2745 COLOR GUARD 1

GRADE PLACEMENT: 9
PREREQUISITE: TRYOUT
CREDIT: 1 UNIT (LOCAL)

2790 COLOR GUARD 2

GRADE PLACEMENT: 10
PREREQUISITE: TRYOUT
CREDIT: 1 UNIT (LOCAL)

2799 COLOR GUARD 3

GRADE PLACEMENT: 11
PREREQUISITE: TRYOUT
CREDIT: 1 UNIT (LOCAL)

2755 COLOR GUARD 4

GRADE PLACEMENT: 12
PREREQUISITE: TRYOUT
CREDIT: 1 UNIT (LOCAL)

Membership in the Color Guard is open to all students in 9th through 12th grade through auditions held each spring. This group is a vital part of the band presentations through the use of extensive choreography, flags, and props. Members must be in high academic standing and display a strong sense of physical and mental coordination. The Color Guard performs at all functions with the Band. In addition, the group performs at various NTCA and WGI winter guard competitions each spring throughout the area and state. These courses are not eligible for fine arts or PE credit. **THERE IS A FEE WITH THIS ACTIVITY.**

9701 PEER ASSISTANCE AND LEADERSHIP

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT (LOCAL)

Provides an opportunity to study, practice and develop group, individual leadership and organizational skills. Students will develop decision-making skills, problem-solving techniques and explore leadership roles, communications skills and human relations skills. Students will understand the need for civic responsibility.

(Student council officers and peer mediators are encouraged to take this course.)

9706 STUDENT LEADERSHIP

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT (STATE/LOCAL)

The Leadership Course provides opportunities to study, practice and develop group and individual leadership and organizational skills. These skills include decision-making skills, problem-solving techniques, communication skills, leadership roles, human relation skills and understanding the need for civic responsibility. This course requires an application. To be selected, one must be a junior or senior who holds an office position in Student Council or Senior Exec.

**CHS and Newman Smith*

9700 ACADEMIC DECATHLON

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT (LOCAL)

This course covers ten events/subjects; literature involves two novels, ten poems, and an essay. Students present a four minute speech and a three minute impromptu speech. Students learn how to interview and be interviewed. The contest also studies four cultures, economics, mathematics, art, music, and science. The team consists of three students whose GPA is above 3.6, three students whose GPA is between 2.0 and 3.6, and three students whose GPA is below 2.9, but passing. The subject matter is studied first semester and the competition takes place in late January.

ADDITIONAL ELECTIVES

7991 AVID 1

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

The ninth grade AVID Elective course will serve as a review of the AVID philosophy and strategies. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams, while refining study skills and test taking, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. Their college research will include financial topics and building their knowledge on colleges and careers of interest.

7992 AVID 2

GRADE PLACEMENT: 10
PREREQUISITE: AVID 1
CREDIT: 1 UNIT

In the 10th grade year, students will continue to refine their academic learning plans and goals, increasing awareness of their actions and behaviors, as well as develop an increased ability to self-monitor, self-regulate, and manage time. Students will expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis and detailed reflections. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.

7993 AVID 3

GRADE PLACEMENT: 11
PREREQUISITE: AVID 2
CREDIT: 1 UNIT

The 11th grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.

7994 AVID 4

GRADE PLACEMENT: 12
PREREQUISITE: AVID 3
CREDIT: 1 UNIT

The AVID Elective 12th grade course is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first and second year college students. This course continues around the theme of "Leadership as a Catalyst for Change in Society." Students will complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program, as well as complete the requirements for the seminar course.

9252 APPLIED RECREATION AND LEISURE I

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT

Student will focus on daily living experiences with an emphasis on lifelong leisure activities and appropriate communication skills. Adapted to meet the needs outlined in student's IEP.

9152 DEVELOPMENTAL RECREATION AND LEISURE I

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT

Student will focus on daily living experiences with an emphasis on lifelong leisure activities and appropriate communication skills. Adapted to meet the needs outlined in student's IEP.

RLT campus only

ADDITIONAL ELECTIVES

9253 APPLIED RECREATION AND LEISURE II

GRADE PLACEMENT: 10+
CREDIT: 1 UNIT

Student will focus on daily living experiences with an emphasis on independent living skills and life choices. Adapted to meet the needs outlined in student's IEP.

9153 DEVELOPMENTAL RECREATION AND LEISURE II

GRADE PLACEMENT: 10+
CREDIT: 1 UNIT

Individualized instruction that emphasizes choices for students with severe cognitive and physical disabilities.

RLT campus only

9154 DEVELOPMENTAL RECREATION AND LEISURE PLUS

GRADE PLACEMENT: 11+
CREDIT: 1 UNIT

Individualized instruction that emphasizes choices for students with severe cognitive and physical disabilities.

RLT campus only

9261 APPLIED ART I

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT

Student will explore life around him/her and increase problem-solving skills, sharpen communication skills, and increase fine motor skills by being exposed to various arts, music, and culinary activities. Adapted to meet the needs outlined in student's IEP.

9161 DEVELOPMENTAL ART I

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT

Student will explore life around her/her through a multi-sensory approach. The student will increase gross and fine motor skills by being exposed to various art, music, and culinary activities. Adapted to meet the needs outlined in the student's IEP.

RLT campus only

9262 APPLIED FINE ARTS

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT

Student will continue to explore life around him/her and increase problem-solving skills, sharpen communication skills, and increase fine motor skills by being exposed to various arts, music, and culinary activities. Adapted to meet the needs outlined in student's IEP.

9162 DEVELOPMENTAL FINE ARTS

CREDIT: 1 UNIT

Student will continue explore life around her/her through a multi-sensory approach. The student will continue increase gross and fine motor skills by being exposed to various art, music, and culinary activities. Adapted to meet the needs outlined in the student's IEP.

RLT campus only

9672 MOVING ON UP

GRADE PLACEMENT: 12+
CREDIT: 7 UNITS
PREREQUISITE: PLACEMENT BY ARD COMMITTEE, WITH ALL HIGH SCHOOL GRADUATION REQUIREMENTS HAVING BEEN MET.

Community based instructional program in which students ages 18-21 participate in volunteer opportunities, supported employment, and activities of daily living to meet the needs outlined in student's IEP.

ADDITIONAL ELECTIVES

9673 FUNCTIONAL SKILLS WORKSHOP

GRADE PLACEMENT: POST 12
CREDIT: VARIES

Designed for students ages 18-21, who will benefit from daily living and vocational training experiences. The FS Workshop will prepare students to be as independent as possible in post-secondary environments. Students will learn to access the community safely and effectively with supervision. Adapted to meet the needs outlined in the student's IEP.

1472 IB THEORY OF KNOWLEDGE

GRADE PLACEMENT: 11-12
PREREQUISITE: IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT

Explores the nature of knowledge across disciplines and encourages an appreciation of other cultural perspectives. The course will introduce students to ways of acquiring and evaluating knowledge while challenging them to identify personal and cultural biases that may affect their perception of truth and the world. TOK is a required course for every IB Diploma Candidate.

5901 SPORTS MEDICINE I

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Provides an innovative course that allows students the opportunity to study and apply components of sports medicine/athletic training. Includes related careers, prevention of athletic injuries, recognition, evaluation and immediate care of injuries, taping and wrapping techniques, first aid, CPR, AED and other emergency procedures.

This course is not a PE equivalent course.

5902 SPORTS MEDICINE II

GRADE PLACEMENT: 10-12
PREREQUISITE: 5901
CREDIT: 1 UNIT

Provides an in-depth study of application of the components of sports medicine for athletic training students. Individualized and independent assignments will be included in this course. This course will involve outside-of-class homework and time required working with athletes and athletic teams.

**For Creekview: This class focuses on Mechanism of Injury, Tissue Response to Injury, and lower body anatomy and injury recognition. At the end of the year students will have the opportunity to complete requirements needed to earn your Varsity Letterman.*

This course is not a PE equivalent course.

5903 SPORTS MEDICINE III

GRADE PLACEMENT: 10-12
PREREQUISITE: 5901
CREDIT: 1 UNIT

Sports Medicine 3 builds upon what was learned in Sports Medicine 1 and 2. In this class the focus is on upper body anatomy and injuries. As with Sports Medicine 1 and 2 this is an extra-curricular class, so there are before and after school responsibilities working in the athletic training room as well as practice and game coverage for the UIL athletic events at the school.

This course is not a PE equivalent course

9341 ESSENTIALS OF BIM I

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make successful transition to the workforce and post-secondary education. Students will apply technical skills through word processing, spreadsheet, database, and electronic presentation software. Modified to meet the needs outlined in student's IEP.

9245 APPLIED BIM I

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT

Prepares students with knowledge to apply basic technology skills to strengthen individual performance in the classroom, workplace, and society. Students will be introduced to basic word processing, spreadsheets, and data entry. Students will utilize educational technology to foster independence. Adapted to meet the needs outlined in the student's IEP. Satisfies technology credit for graduation.

ADDITIONAL ELECTIVES

9345 DEVELOPMENTAL BIM I

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT

Students apply basic technology skills to strengthen individual performance in the classroom, and utilize educational technology to foster independence. Adapted to meet the needs outlined in the student's IEP. Satisfies technology credit for graduation.
RLT campus only.

9342 FUNDAMENTALS OF BIM II

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and post-secondary education. Students will apply complex technical skills through word processing and spreadsheet, and developing electronic presentations using multimedia software. Modified to meet the needs outlined in student's IEP.

9254 APPLIED PRINCIPLES OF HUMAN SERVICES

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Enables students to investigate careers in the human services career cluster, including early childhood development, family and community, and personal care services. Students will learn to apply skills to foster their own independence. Adapted to meet the needs outlined in the student's IEP.

9255 APPLIED PRINCIPLES OF HUMAN SERVICES PLUS

GRADE PLACEMENT: 10-12+
CREDIT: 1 UNIT

Students will continue to investigate careers in the human services career cluster, including early childhood development, family and community, and personal care services. Students will continue applying skills to foster their own independence. Adapted to meet the needs outlined in the student's IEP.

9265 APPLIED NUTRITION AND FOOD SCIENCE

GRADE PLACEMENT: 10-12+
CREDIT: 1/2 UNIT

Allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality, human services, and health sciences. Practical activities will focus on the integration of nutrition and wellness knowledge with basic food preparation skills. Based on an alternate version of the TEKS. Adapted to meet the needs outlined in the student's IEP.

9266 APPLIED FOOD SCIENCE PLUS

GRADE PLACEMENT: 10-12
PREREQUISITE: DETERMINED BY ARD
CREDIT: 1/2 UNIT

Students will continue to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality, human services, and health sciences. Practical activities will focus on the integration of nutrition and wellness knowledge with basic food preparation skills. Based on an alternate version of the TEKS. Adapted to meet the needs outlined in the student's IEP.

9415 FUNDAMENTALS OF DOLLARS AND SENSE

GRADE PLACEMENT: 12
CREDIT: 1 UNIT

Develops job-related math skills for everyday living. Continues to include bookkeeping, record keeping, budgeting, taxes, installment buying, expenses related to income, and basic arithmetic as required for job and banking procedures. Modified to meet the needs outlined in student's IEP. Satisfies math credit for modified graduation.

ADDITIONAL ELECTIVES

9707 METHODOLOGY FOR ACADEMIC & PERSONAL SUCCESS (MAPS) NEW!

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

This course focuses on self-understanding, decision-making, resiliency, attitude, character education, and leadership to help students maximize personal achievement. Students will explore pathway options available to them in high school, higher education fields of study, and career opportunities in the professional world in order to establish both immediate and long-range personal goals. Students will develop critical time management, organization, and study skills. Emphasis is placed on the student being a proactive and collaborative problem solver. As part of the goal setting and leadership activities, students may complete an outside.

8231 APPLIED MATHEMATICS FOR TECHNICAL PROFESSIONALS NEW!

GRADE PLACEMENT: 11-12

PREREQUISITE: ALGEBRA I AND GEOMETRY (RECOMMENDED)

CREDIT: 1 UNIT

This course satisfies a high school mathematics graduation requirement. This course uses problem-solving situations, hands-on activities, and technology to extend mathematical thinking and engage student reasoning. Situations relating to technical applications provide students opportunities to make connections with mathematics and the workplace. In addition, students will learn the skills necessary to communicate using mathematics. Hands-on activities will allow students to model, explore, and develop abstract concepts applicable to technical careers. (Essential to this course is the partnership between mathematics and technical teachers.)

CAREER AND TECHNICAL EDUCATION

AGRICULTURE, FOOD AND NATURAL RESOURCES

8217 PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Enhances the agricultural comprehension of young adults. Includes agricultural career development, leadership, communications and personal finances. This course also includes the overview of soil and plants, animals, and agricultural construction. This course may count as Communications (Speech) credit.

8220 SMALL ANIMAL MANAGEMENT

GRADE PLACEMENT: 9-12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES
CREDIT: 1/2 UNIT

Focuses on working in small animal industry, animal rights and welfare, career opportunity in small animal care. This course is recommended for those that have an interest in the Animal industry.

8219 WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

This course examines the management of game and non-game wildlife species, fish, aquacrops and their ecological needs related to current agricultural practices.

8218 LIVESTOCK PRODUCTION

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES
CREDIT: 1 UNIT

Introduces the common veterinary skills and procedures used on livestock, anatomy of livestock, genetics and reproduction, and diseases that can affect all livestock animals. This course is recommended for those that have an interest in the Animal Industry.

8221 EQUINE SCIENCE

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES
CREDIT: 1/2 UNIT

Develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses. This course is recommended for those that have an interest in the Animal Industry.

8223 ADVANCED ANIMAL SCIENCE

GRADE PLACEMENT: 12
PREREQUISITE: BIOLOGY, GEOMETRY, IPC OR CHEMISTRY ALGEBRA I, AND EITHER EQUINE SCIENCE, SMALL ANIMAL MANAGEMENT OR LIVESTOCK PRODUCTION
CREDIT: 1 UNIT

Develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics and reproduction, anatomy and physiology of various livestock species, nutritional requirements, and disease and parasites of livestock. This class is recommended for those students with an interest in the Animal Industry. This course counts as a 4th science credit.

8222 VETERINARY MEDICAL APPLICATIONS (VET MED ASST. I)

GRADE PLACEMENT: 11-12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES, BIOLOGY OR CHEMISTRY, AND EITHER EQUINE SCIENCE, SMALL ANIMAL MANAGEMENT OR LIVESTOCK PRODUCTION
CREDIT: 1 UNIT

Develop and expand the knowledge, techniques and skills pertaining to Veterinary Technical Assistant area. This course is designed as a laboratory-orient course that allows students hands-on experience within the area of diagnostic testing, client records, employer/employee relationship, and techniques used in surgical practices.

CAREER AND TECHNICAL EDUCATION

8225 PRACTICUM IN AGRICULTURE, FOOD & NATURAL RESOURCES (VET MED ASST. II)

GRADE PLACEMENT: 12

PREREQUISITE: VETERINARY MEDICAL APPLICATIONS AND PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES

CREDIT: 2 UNITS

Provides students with a non-paid internship arrangement between the high school and agriculture industry. It provides juniors and seniors with a professional internship experience. Students recognize the value of effective work ethics and attitudes and develop communications and problem solving skills. This course is for those individuals that have completed Veterinary Medical Application and their state Veterinary Assistant Level I Certification. Students enrolled in this course are eligible to take the State Certification for Veterinary Assistant Level I.

8225E EXTENDED PRACTICUM IN AGRICULTURE, FOOD AND NATURAL RESOURCES

GRADE PLACEMENT: 12

PREREQUISITE: PRINCIPALS OF AGRICULTURE, FOOD AND NATURAL RESOURCES AND VETERINARY MEDICAL APPLICATIONS

CREDIT: 3 UNITS

8224 AGRICULTURAL MECHANICS & METAL TECHNOLOGIES

GRADE PLACEMENT: 10-12

PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES

CREDIT: 1 UNIT

The course develops an understanding of safety and skill in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

8226 FLORAL DESIGN

NEW!

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

Develops 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. This course satisfies the fine arts graduation requirement.

ARCHITECTURE AND CONSTRUCTION

8242 PRINCIPLES OF CONSTRUCTION

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces students to the basic knowledge and skills related to the career opportunities and training in the architecture and construction fields. Construction, math, safety, hand power tools, communication skills, employability skills, material handling and construction drawings are included.

8245 CONSTRUCTION TECHNOLOGY I

GRADE PLACEMENT: 10-12

PREREQUISITE: PRINCIPLES OF CONSTRUCTION

CREDIT: 2 UNITS

Students will gain knowledge and skills related to various careers in the construction trade. Student acquire knowledge in areas such as; safety, measuring, laying-out, hand tools/power tools, and assembling. Students will participate in hands-on lab activities, such as; blueprint reading, framing, roofing, etc.

CAREER AND TECHNICAL EDUCATION

8246 CONSTRUCTION TECHNOLOGY II

GRADE PLACEMENT: 11-12
PREREQUISITE: CONSTRUCTION TECHNOLOGY I
CREDIT: 2 UNITS

Students will gain advanced knowledge and skills related to various careers in construction trades. Advanced students will be expected to demonstrate good safety practices, craftsmanship, and leadership abilities to the first year students. Advanced students will be expected to participate at a high level in hands-on lab activities related to the construction trades.

8247 PRACTICUM IN CONSTRUCTION TECHNOLOGY

NEW!

GRADE PLACEMENT: 12
PREREQUISITE: CONSTRUCTION TECHNOLOGY II
CREDIT: 2 UNITS

Students will complete NCCER Core Curriculum in addition to OSHA 30.

8240 CONSTRUCTION MANAGEMENT

NEW!

GRADE PLACEMENT: 9-12
CREDIT: 2 UNITS

Students will gain knowledge and skills to enter the workforce as apprentice carpenters or building maintenance supervisors' assistants or to build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Management includes the knowledge of design techniques and tools related to the management of architectural and engineering projects.

8241 PRINCIPLES OF ARCHITECTURE

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Introduces students to the basic knowledge and skills related to the career opportunities and training and training in the architecture field.

8243 ARCHITECTURAL DESIGN I

GRADE PLACEMENT: 10-12
PREREQUISITE: REQUIRED: ENGINEERING DESIGN; RECOMMENDED: ALGEBRA I, GEOMETRY
CREDIT: 1 UNIT

In Architectural Design, students gain knowledge and skills specific to those needed to enter a career in architecture or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design and landscape architecture. Architectural Design includes the design, design history, techniques, and tools related to the production of drawings, renderings and scale models for residential architectural purposes.

8244 INTERIOR DESIGN I

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

Interior Design I is a technical course that addresses psychological, physiological and sociological needs of individuals by enhancing the environments in which they live and work. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, promote sustainability, and prepare for careers in the Interior Design field.

CAREER AND TECHNICAL EDUCATION

ARTS, A/V TECHNOLOGY AND COMMUNICATION

8291 PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS

GRADE PLACEMENT: 9-11
CREDIT: 1 UNIT

Introduces students to careers in the Arts, Audio/Video Technology, and Communications career cluster. Students should have a creative aptitude, background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. 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.

8292 ANIMATION I

GRADE PLACEMENT: 10-12
PREREQUISITE: ART I OR GRAPHIC DESIGN ILLUSTRATION RECOMMENDED
CREDIT: 1 UNIT

8292L ANIMATION LAB I

GRADE PLACEMENT: 10-12
PREREQUISITE: ART I OR GRAPHIC DESIGN ILLUSTRATION RECOMMENDED
CREDIT: 2 UNITS

Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the history and techniques of the animation industry.

8297 COMMERCIAL PHOTOGRAPHY I

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

8297L COMMERCIAL PHOTOGRAPHY LAB I

GRADE PLACEMENT: 10-12
CREDIT: 2 UNITS

Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. Students will develop an understanding of the commercial photography industry with a focus on creating quality photographs and pursuing a professional career in photography. Students have the option to pursue a professional level certification.

8298 COMMERCIAL PHOTOGRAPHY II

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT

8298L COMMERCIAL PHOTOGRAPHY LAB II

GRADE PLACEMENT: 11-12
CREDIT: 2 Units

Careers in commercial photography span all aspects of the industry from setting up a shot to delivering products in a competitive market. Students will develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs and pursuing a professional career in photography. Students will pursue a professional level certification in Advanced Photography Programs.

8295 GRAPHIC DESIGN AND ILLUSTRATION I

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

8295L GRAPHIC DESIGN AND ILLUSTRATION LAB I

GRADE PLACEMENT: 9-12
CREDIT: 2 UNITS

Careers in graphic design and illustration span all aspects of the advertising and visual communication industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video 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 and design.

CAREER AND TECHNICAL EDUCATION

8296 GRAPHIC DESIGN AND ILLUSTRATION II

GRADE PLACEMENT: 10-12
PREREQUISITE: GRAPHIC DESIGN AND ILLUSTRATION
CREDIT: 1 UNIT

8296L GRAPHIC DESIGN AND ILLUSTRATION LAB II

GRADE PLACEMENT: 10-12
CREDIT: 2 UNITS

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

8299 FASHION DESIGN I

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

8299L FASHION DESIGN LAB I

GRADE PLACEMENT: 10-12
CREDIT: 2 UNITS

Fashion Design focuses on all aspects of the fashion, textile and apparel industries. Students will be exposed to the apparel production process from design concept to finished product. Students will be expected to develop an understanding of the fashion industry with an emphasis on design, care, maintenance and construction.

8301 FASHION DESIGN II

GRADE PLACEMENT: 11-12
PREREQUISITE: FASHION DESIGN I
CREDIT: 1 UNIT

NEW!

8301L FASHION DESIGN LAB II

GRADE PLACEMENT: 11-12
PREREQUISITE: FASHION DESIGN LAB I
CREDIT: 2 UNITS

Fashion Design focuses on all aspects of the fashion, textile and apparel industries. Students will develop technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction.

8293 AUDIO/VIDEO PRODUCTION I

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS
CREDIT: 1 UNIT

8293L AUDIO/VIDEO PRODUCTION LAB I

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS
CREDIT: 2 UNITS

Develop technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

CAREER AND TECHNICAL EDUCATION

8294 PRACTICUM IN AUDIO/VIDEO PRODUCTION

GRADE PLACEMENT: 12
PREREQUISITE: AUDIO/VIDEO PRODUCTION OR DIGITAL INTERACTIVE MEDIA
CREDIT: 2 UNITS

Develop advanced skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video activities in a studio environment. This course may be implemented in an advanced audio, video, or animation format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

8294E EXTENDED PRACTICUM IN AUDIO/VIDEO PRODUCTION

GRADE PLACEMENT: 12
PREREQUISITE: AUDIO/VIDEO PRODUCTION OR DIGITAL INTERACTIVE MEDIA
CREDIT: 3 UNITS

This course must be taken concurrently with Practicum in Audio/Video Production and may not be taken as a stand-alone course. Students shall be awarded one credit per successful completion of this course.

8300 PROFESSIONAL COMMUNICATIONS

GRADE PLACEMENT: 9-12
CREDIT: 1/2 UNIT

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 may be used to satisfy Speech credit.

8290 VIDEO GAME DESIGN

GRADE PLACEMENT: 9-12
PREREQUISITE: PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS
CREDIT: 1 UNIT

Video game design will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

BUSINESS, MANAGEMENT AND ADMINISTRATION

8262 PRINCIPLES OF BUSINESS, MARKETING AND FINANCE

GRADE PLACEMENT: 9-11
CREDIT: 1 UNIT

In Principles of Business, Marketing and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the 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.

8263 BUSINESS INFORMATION MANAGEMENT I

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

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.

CAREER AND TECHNICAL EDUCATION

8264 BUSINESS INFORMATION MANAGEMENT II

GRADE PLACEMENT: 11-12
PREREQUISITE: BUSINESS INFORMATION MANAGEMENT I
CREDIT: 1 UNIT

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and post-secondary education. Students will apply complex technical skills through word-processing and spreadsheet, and developing electronic presentations using multimedia software.

8269 BUSINESS MANAGEMENT

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

Students develop a foundation in the economic, financial, technological, international, social and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad range of knowledge that includes legal, managerial, marketing, financial, ethical and international dimensions of business to make appropriate management decisions.

8266 GLOBAL BUSINESS

GRADE PLACEMENT: 10-12
CREDIT: 1/2 UNIT

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.

8267 HUMAN RESOURCES MANAGEMENT

GRADE PLACEMENT: 11-12
CREDIT: 1/2 UNIT

Human Resources Management is designed to familiarize students with the concepts related to human resource management, including legal requirements, recruitment and employee selection methods, and employee development and evaluation. Students will also become familiar with compensation and benefits programs as well as workplace safety, employee-management relations, and global impacts on human resources.

8268 VIRTUAL BUSINESS

GRADE PLACEMENT: 11-12
PREREQUISITE: BUSINESS INFORMATION MANAGEMENT I RECOMMENDED
CREDIT: 1/2 UNIT

Students will be able to identify steps needed to locate customers, set fees and develop client contracts. Students will be able to provide administrative, creative, and technical services using advanced technological modes of communication and data delivery. The student builds a functional website that incorporates the essentials of a virtual business.

8265D BUSINESS LAW

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT

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.

8270 PRACTICUM IN BUSINESS MANAGEMENT

(1ST TIME TAKEN)
GRADE PLACEMENT: 11-12
PREREQUISITE: 10 HOURS PER WEEK AT JOB SITE. COHERENT SEQUENCE OF CTE COURSES IN THE BUSINESS MANAGEMENT CAREER
CREDIT: 2 UNITS

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. 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. *A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.*

CAREER AND TECHNICAL EDUCATION

8321 BUSINESS ENGLISH

NEW!

GRADE PLACEMENT: 12
PREREQUISITE: ENGLISH III
CREDIT: 1 UNIT

In Business English, students enhance communication and research skills by applying them to the business environments, in addition to exchanging information and producing properly formatted business documents using emerging technology.

8283 SOCIAL MEDIA MARKETING

NEW!

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT

Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

8270E EXTENDED PRACTICUM IN BUSINESS MANAGEMENT

(1ST TIME TAKEN)
GRADE PLACEMENT: 11-12
PREREQUISITE: 15 HOURS PER WEEK AT JOB SITE. COHERENT SEQUENCE OF CTE COURSES IN THE BUSINESS MANAGEMENT CAREER CLUSTER.
CREDIT: 3 UNITS

Extended Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. 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. 15 hours per week at job site.

8271 EXTENDED PRACTICUM IN BUSINESS MANAGEMENT

(2ND TIME TAKEN)
GRADE PLACEMENT: 12
PREREQUISITE: EXTENDED PRACTICUM IN BUSINESS MANAGEMENT, 15 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE BUSINESS MANAGEMENT CAREER CLUSTER.
CREDIT: 2 UNITS

A student may repeat course 8270 for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. 15 hours per week at job site.

8271E2 EXTENDED PRACTICUM IN BUSINESS MANAGEMENT

(2ND TIME TAKEN)
GRADE PLACEMENT: 12
PREREQUISITE: EXTENDED PRACTICUM IN BUSINESS MANAGEMENT, 15 HOURS PER WEEK AT JOB SITE AND COHERENT SEQUENCE OF CTE COURSES IN THE BUSINESS MANAGEMENT CAREER CLUSTER
CREDIT: 3 UNITS

Extended Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. 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. A student may repeat course 8270E for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. 15 hours per week at job site.

8227 PROJECT-BASED RESEARCH

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT

Students will research a real-world problem; they are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile 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 and skills in a variety of settings.

CAREER AND TECHNICAL EDUCATION

8229 CAREER PREPARATION I

GRADE PLACEMENT: 11-12
PREREQUISITE: EMPLOYED AT PAID JOB SITE
CREDIT: 2 UNITS

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. 10 hours per week at paid job site

8229E EXTENDED CAREER PREPARATION I

GRADE PLACEMENT: 11-12
PREREQUISITE: EMPLOYED AT PAID JOB SITE
CREDIT: 3 UNIT

Extended Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. 15 hours per week at paid job site.

8230 CAREER PREPARATION II

GRADE PLACEMENT: 12
PREREQUISITE: CAREER PREPARATION I & EMPLOYED AT PAID JOB SITE
CREDIT: 2 UNITS

Career Preparation II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success. 10 hours per week at paid job site

8230E EXTENDED CAREER PREPARATION II

GRADE PLACEMENT: 12
PREREQUISITE: EXTENDED CAREER PREPARATION I & EMPLOYED AT PAID JOB SITE
CREDIT: 3 UNITS

Extended Career Preparation II provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. 15 hours per week at paid job site

9916 PRACTICUM IN WORK EXPERIENCE 1 OUT PERIOD

GRADE PLACEMENT: 12
PREREQUISITE: EXTENDED CAREER PREPARATION I & EMPLOYED AT PAID JOB SITE
CREDIT: 3 UNITS

This course must be taken concurrently with Practicum or Career Preparation Course and may not be taken as a stand-alone course. Practicum in Work Experience is used as a Practicum or Career Prep Student “out period”.

9917 PRACTICUM IN WORK EXPERIENCE 2 OUT PERIOD

GRADE PLACEMENT: 12
PREREQUISITE: EXTENDED CAREER PREPARATION I & EMPLOYED AT PAID JOB SITE
CREDIT: 3 UNITS

This course must be taken concurrently with Practicum or Career Preparation Course and may not be taken as a stand-alone course. Practicum in Work Experience is used as a Practicum or Career Prep Student “out period”.

CAREER AND TECHNICAL EDUCATION

EDUCATION AND TRAINING

8273 PRINCIPLES OF EDUCATION AND TRAINING

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Introduces learners to the various careers available within the education and training career cluster. Students use self-knowledge and educational and career information to analyze various careers within the education and training career cluster. Students will also gain an understanding of the basic knowledge and skills essential to careers within the education and training career cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

8274 HUMAN GROWTH AND DEVELOPMENT

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF EDUCATION AND TRAINING
CREDIT: 1 UNIT

Examine human development across the life span with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

8275 INSTRUCTIONAL PRACTICES IN EDUCATION AND TRAINING

GRADE PLACEMENT: 11-12
PREREQUISITE: STUDENT INTEREST IN TEACHING
CREDIT: 2 UNITS

A field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching practices. Students will work under the joint direction and supervision of a teacher who has expertise in the areas of child development and educational methodology and an exemplary educator who is working in an instruction role in an elementary/middle/high school setting. Students will 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.

8276 PRACTICUM IN EDUCATION AND TRAINING

GRADE PLACEMENT: 12
PREREQUISITE: INSTRUCTIONAL PRACTICES IN EDUCATION
CREDIT: 2 UNITS

8276E EXTENDED PRACTICUM IN EDUCATION AND TRAINING

GRADE PLACEMENT: 12
CREDIT: 3 UNITS

Extends training for teacher aides at the elementary level by serving as a teacher's aide in various programs in C-FBISD including pre-kindergarten, deaf education, art, music, speech pathology, and other special programs. This is a continuation of Instructional Practices in Education.

FINANCE

8280 BANKING AND FINANCIAL SERVICES

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF BUSINESS, MARKETING AND FINANCE
CREDIT: ½ UNITS

Students develop knowledge and skills in the economic, financial, technological, international, social, and ethical aspects of banking to become competent consumers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society.

8281 ACCOUNTING I

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

In Accounting I, students will investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on 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.

CAREER AND TECHNICAL EDUCATION

8320 STATISTICS AND BUSINESS DECISION MAKING

NEW!

GRADE PLACEMENT: 11-12
PREREQUISITE: ALGEBRA II
CREDIT: 1 UNIT

Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. Students will use statistics to make business decisions. Students will determine the appropriateness of the methods used to collect data to ensure conclusions are valid.

8282 ACCOUNTING II

GRADE PLACEMENT: 11-12
PREREQUISITE: SUCCESFUL COMPLETION OF ACCOUNTING I
CREDIT: 1 UNIT

In Accounting II, students will continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in various managerial, financial, and operational accounting activities. Students will formulate, interpret, and communicate financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.

8279 MONEY MATTERS

NEW!

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

In Money Matters, students will investigate money management from a personal financial perspective. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain 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 allocation, risk management, retirement planning, and estate planning.

HEALTH SCIENCE

8232 PRINCIPLES OF HEALTH SCIENCE

GRADE PLACEMENT: 9
CREDIT: 1 UNIT

Provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. This course must be taken with Health Science Clinical.

8233 HEALTH SCIENCE THEORY

GRADE PLACEMENT: 10
PREREQUISITE: PRINCIPLES OF HEALTH SCIENCE AND/OR TEACHER PERMISSION
CREDIT: 1 UNIT

Provides for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as clinical rotation and career preparation learning. This course may substitute for Health credit.

8333C HEALTH SCIENCE CLINICAL

GRADE PLACEMENT: 10
CREDIT: 1 UNIT

This course must be taken concurrently with the Health Science Theory and may not be taken as a stand –alone course.

6637 ANATOMY & PHYSIOLOGY

GRADE PLACEMENT: 11-12
PREREQUISITE: BIOLOGY I AND CHEMISTRY I; ALSO OPEN TO SENIORS NOT ENROLLED IN BIO MEDICAL ACADEMY
CREDIT: 1 UNIT

Extends understanding of the structure and function of the human body. Students will explore physiological systems and associated pathologies. Higher order thinking is stressed through assessment and synthesis of the anatomical knowledge combined with exposure to clinical analysis. Principles of physiology will be applies to human health and well-being. Can be used as 4th year Science course.

CAREER AND TECHNICAL EDUCATION

8234 PRACTICUM IN HEALTH SCIENCE (CNA)

GRADE PLACEMENT: 12
PREREQUISITE: BIOLOGY, CHEMISTRY AND PRINCIPLES OF HEALTH SCIENCE AND HEALTH SCIENCE THEORY
CREDIT: 2 UNITS

This course is designed to give students practical application of previously studied knowledge and skills. Practicum experience will include skills lab and practical experience at a nursing home facility. Students will prepare for and take the certification exam at the end of the course. Students must have a social security number in order to participate in the clinical portion of the course and must be 16 prior to taking the certification exam. Maximum of 10 students per section, per state mandated.

8235 PRACTICUM IN HEALTH SCIENCE (PHARMACY TECH)

GRADE PLACEMENT: 11-12
PREREQUISITE: CHEMISTRY, PRINCIPLES OF HEALTH SCIENCE AND HEALTH SCIENCE THEORY
CREDIT: 2 UNITS

This course is designed to give students practical application of previously studied knowledge and skills Practicum experiences will occur at the facilities prearranged by the instructor. Students will prepare and take the Pharmacy Technician certification exam at the end of the course.

8236 PRACTICUM IN HEALTH SCIENCE (HOSPITAL ROTATIONS)

GRADE PLACEMENT: 11-12
PREREQUISITE: BIOLOGY I, CHEMISTRY, PRINCIPLES OF HEALTH SCIENCE AND HEALTH SCIENCE THEORY
CREDIT: 2 UNITS

This course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences will be arranged by the instructor at a local hospital facility. Students will have the opportunity to explore various occupations within the hospital setting by shadowing health professionals. Students will be expected to follow the hospital guidelines for dress code and conduct. This course is meant to be a precursor to the certification courses offered (EMT, Pharm Tech and CNA). Maximum of 10 students per section.

****Please note that students are allowed to take only two Practicum in Health Science courses. ****

8236E EXTENDED PRACTICUM IN HEALTH SCIENCE

GRADE PLACEMENT: 11-12
PREREQUISITE: PRACTICUM IM HEALTH SCIENCE
CREDIT: 3 UNITS

This course must be taken concurrently with Practicum in Health Science and may not be taken as a stand-alone course. Students shall be awarded one credit for successful completion of this course.

8237 EMERGENCY MEDICAL TECHNICIAN-BASIC

GRADE PLACEMENT: 12
PREREQUISITE: BIOLOGY I, CHEMISTRY, PRINCIPLES OF HEALTH SCIENCE AND HEALTH SCIENCE THEORY
CREDIT: 2 UNITS

This course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences will be arranged by the instructor. This course is available for college credit for students completing the requirements. Students will be prepared and will take the certification exam for EMT Basic at the end of the course.

8239 PHLEBOTOMY THEORY

GRADE PLACEMENT: 12
PREREQUISITE: PRINCIPLES OF HEALTH SCIENCE, HEALTH SCIENCE THEORY & ANATOMY (PREFERRED)
CREDIT: 1 UNIT

Phlebotomy is a course that teaches students how to draw blood for clinical tests. Students will be taught the theory of blood collection and techniques for drawing blood. Students will learn a variety of types of blood draw techniques and safety standards, along with the basic anatomy and physiology required for phlebotomy. This Course must be taken concurrently with Phlebotomy Lab.

CAREER AND TECHNICAL EDUCATION

8239L PHLEBOTOMY LAB

GRADE PLACEMENT: 12
PREREQUISITE: PRINCIPLES OF HEALTH SCIENCE, HEALTH SCIENCE
THEORY & ANATOMY (PREFERRED)
CREDIT: 1 UNIT

This course will require students to draw blood samples from each other, volunteers, and finally from real patients during clinical rotations. Blood draws and clinicals will start in the spring semester. Permission slips will be sent home prior to the start of human blood draws. Students are required to have TB Skin test, PPD, Hepatitis B, and Flu Shot. Students are required to purchase a scrub uniform to wear in the clinical setting. This course must be taken concurrently with Phlebotomy Theory.

HOSPITALITY AND TOURISM

8200 PRINCIPLES OF HOSPITALITY AND TOURISM

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards.

8201 INTRODUCTION TO CULINARY ARTS

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

Emphasizes the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. Students will gain insight into the operation of a well-run commercial kitchen. It is offered as a classroom based course for students interested in pursuing a career in the food service industry.

8202 CULINARY ARTS

GRADE PLACEMENT: 11-12
PREREQUISITE: PRINCIPLES OF HOSPITALITY AND TOURISM OR INTRODUCTION TO CULINARY ARTS
CREDIT: 2 UNITS

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course.

8203 ADVANCED CULINARY ARTS

GRADE PLACEMENT: 12
PREREQUISITE: CULINARY ARTS
CREDIT: 2 UNITS

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 immediate employment.

8204 PRACTICUM IN HOSPITALITY SERVICES

GRADE PLACEMENT: 12
PREREQUISITE: CULINARY ARTS AND TEACHER APPROVAL & 10 HOURS PER WEEK AT JOB SITE
CREDIT: 2 UNITS

Practicum in Hospitality Services is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences in the hotel/service industry. 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 workplace. Students will be placed in internship positions at hotels via local hotel associations. *A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. 10 hours per week at the job site.*

CAREER AND TECHNICAL EDUCATION

8204E EXTENDED PRACTICUM IN HOSPITALITY SERVICES

GRADE PLACEMENT: 12
PREREQUISITE: CULINARY ARTS & 15 HOURS PER WEEK AT JOB SITE
CREDIT: 3 UNITS

Extended Practicum in Culinary Arts is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences in the hotel/service industry. Practicum in Culinary Arts 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 workplace. Students will be placed in internship positions at hotels via local hotel associations. 15 hours per week at the job site.

8205 FOOD SCIENCE

GRADE PLACEMENT: 12
PREREQUISITE: 3 YEARS OF SCIENCE
CREDIT: 1 UNIT

Provides an introductory laboratory course in food science. Students will investigate the study of scientific principles and procedures stressing safety and manipulative laboratory skills. Included are laboratory activities which enhance creativity, provide individual research opportunities and field investigation.

8196 HOTEL MANAGEMENT

GRADE PLACEMENT: 9-12
PREREQUISITE: 3 YEARS OF SCIENCE
CREDIT: 1 UNIT

NEW!

Provides an introductory laboratory course in food science. Students will investigate the study of scientific principles and procedures stressing safety and manipulative laboratory skills. Included are laboratory activities which enhance creativity, provide individual research opportunities and field investigation.

8197 TRAVEL AND TOURISM MANAGEMENT

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT

NEW!

Provides an introductory laboratory course in food science. Students will investigate the study of scientific principles and procedures stressing safety and manipulative laboratory skills. Included are laboratory activities which enhance creativity, provide individual research opportunities and field investigation.

8198 HOSPITALITY SERVICES

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 2 UNIT

NEW!

Provides an introductory laboratory course in food science. Students will investigate the study of scientific principles and procedures stressing safety and manipulative laboratory skills. Included are laboratory activities which enhance creativity, provide individual research opportunities and field investigation.

8199 PRACTICUM IN HOSPITALITY SERVICES

GRADE PLACEMENT: 12
PREREQUISITE: NONE
CREDIT: 2 UNIT

NEW!

Provides an introductory laboratory course in food science. Students will investigate the study of scientific principles and procedures stressing safety and manipulative laboratory skills. Included are laboratory activities which enhance creativity, provide individual research opportunities and field investigation.

CAREER AND TECHNICAL EDUCATION

HUMAN SERVICES

8206 PRINCIPLES OF HUMAN SERVICES

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Enables students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, personal care services and consumer services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers in this laboratory course.

8208 INTERPERSONAL STUDIES

GRADE PLACEMENT: 9-12

CREDIT: 1/2 UNIT

Examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

8207 DOLLARS AND SENSE

GRADE PLACEMENT: 11-12

CREDIT: 1/2 UNIT

Dollars and Sense focuses on consumer practices and responsibilities, money-management processes, decision-making skills, impact of technology, and preparation for human services careers.

8209 LIFETIME NUTRITION AND WELLNESS

GRADE PLACEMENT: 10-12

CREDIT: 1/2 UNIT

Lifetime Nutrition and Wellness is a laboratory course that allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

8210 CHILD DEVELOPMENT

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

SOC

Child Development is a technical laboratory course that addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

8212 FAMILY AND COMMUNITY SERVICES

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

Family and Community Services is a laboratory-based course designed to involve students in realistic and meaningful community-based activities through direct service or service-learning experiences. Students are provided opportunities to interact with and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.

8214 INTRODUCTION TO COSMETOLOGY

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

Provides students with introductory theory needed to achieve their Texas Cosmetology License. This curriculum has been designed in compliance with the rules of the Texas Department of Licensing and Regulation and Public Secondary Programs for High School Students. Students are required to fill out an application and upon acceptance, purchase a \$25 student permit from TDLR (Non-Refundable). Students must clock a minimum of 150 hours during this year to progress to Cosmetology I. Concurrent students are welcome but are required to transfer to R.L. Turner High School to complete Cosmetology I and Cosmetology II in order to finish the program.

CAREER AND TECHNICAL EDUCATION

8215 COSMETOLOGY I

GRADE PLACEMENT: 10-11
PREREQUISITE: INTRODUCTION TO COSMETOLOGY
CREDIT: 2 UNITS

Provides students with hands on education through a sequential set of learning steps that address specific tasks necessary for state board preparation, graduation and entry level job skills. Each student is required to purchase a Cosmetology kit (Non-Refundable) and wear a uniform prior to the start of the school year. This kit will be used over the remaining two years students are in the program. Students must clock a minimum of 600 hours to advance to Cosmetology II.

8216 COSMETOLOGY II

GRADE PLACEMENT: 11-12
PREREQUISITE: COSMETOLOGY I
CREDIT: 2 UNITS

Provides students with a better understanding of the knowledge, skills, and training needed to succeed in the cosmetology profession. Each student will receive instruction that relates to the performance of useful, creative and productive career-oriented activities that will prepare them to service outside clientele. This course requires students to pass their core courses for graduation (English, science, math, etc.) and clock 1,000 hours in the cosmetology classroom in order to take their Cosmetology exams for licensure. Taking the written exam is mandatory and will be part of the final grade, prior to graduation.

8213 PRACTICUM IN HUMAN SERVICES

(1ST TIME TAKEN)
GRADE PLACEMENT: 11-12
PREREQUISITE: 10 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE HUMAN SERVICES CAREER CLUSTER.
CREDIT: 2 UNITS

Practicum in Human Services provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community-services careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the Human Services Cluster. A student may take this course for a second year as a senior to receive credit for Practicum in Human Services II, if the student is employed at a different training site. *A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skill.*

8213S PRACTICUM IN HUMAN SERVICES

(2ND TIME TAKEN)
GRADE PLACEMENT: 12
PREREQUISITE: 10 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE HUMAN SERVICES CAREER CLUSTER.
CREDIT: 2 UNITS

Practicum in Human Services provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community services careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the Human Services Cluster. A student may take this course for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skill than they experienced in 8213.

8213E EXTENDED PRACTICUM IN HUMAN SERVICES

(1ST TIME TAKEN)
GRADE PLACEMENT: 11-12
PREREQUISITE: 15 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE HUMAN SERVICES CAREER CLUSTER.
CREDIT: 3 UNITS

This course must be taken concurrently with Practicum Human Services and may not be taken as a stand-alone course. Students shall be awarded one credit for successful completion of this course. 15 hours per week at job site.

CAREER AND TECHNICAL EDUCATION

8213E2 EXTENDED PRACTICUM IN HUMAN SERVICES

(2ND TIME TAKEN)

GRADE PLACEMENT: 12

PREREQUISITE: EXTENDED PRACTICUM IN HUMAN SERVICES AND COHERENT SEQUENCE OF CTE COURSES IN THE HUMAN SERVICES CAREER CLUSTER.

CREDIT: 3 UNITS

A student may repeat course 8213E for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. 15 hours per week at job site

INFORMATION TECHNOLOGY

8171 PRINCIPLES OF INFORMATION TECHNOLOGY

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

8172 COMPUTER PROGRAMMING I

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students 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 it relates to computer programming. Students apply technical skills to address business applications of emerging technologies.

*Can count as foreign language

8173 COMPUTER PROGRAMMING II

GRADE PLACEMENT: 11-12

PREREQUISITE: COMPUTER PROGRAMMING

CREDIT: 1 UNIT

Expand knowledge and skills in structured programming techniques and concepts by addressing more complex problems and developing comprehensive programming solutions. Students analyze the social responsibility of business and industry regarding the significant issues relating to environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer.

*Can count as foreign language

8174 DIGITAL MEDIA

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Studies digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

8175 WEB TECHNOLOGIES

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Studies web technologies and design, students learn to make informed decisions and apply the decisions to the field of information technology. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

CAREER AND TECHNICAL EDUCATION

8176 PRACTICUM IN INFORMATION TECHNOLOGY

GRADE PLACEMENT: 12

PREREQUISITE: ANY OTHER COURSE IN THE INFORMATION TECHNOLOGY CLUSTER

CREDIT: 2 UNITS

Prepares students for success in a technology-driven society with knowledge and skills in the proper use of analytical skills and application of information technology concepts and standards. Critical thinking, information technology experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid internship, or as career preparation.

8176E EXTENDED PRACTICUM IN INFORMATION TECHNOLOGY

GRADE PLACEMENT: 12

PREREQUISITE: ANY OTHER COURSE IN THE INFORMATION TECHNOLOGY CLUSTER

CREDIT: 3 UNITS

Prepares students for success in a technology-driven society with knowledge and skills in the proper use of analytical skills and application of information technology concepts and standards. Critical thinking, information technology experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid internship, or as career preparation.

8177 COMPUTER MAINTENANCE

GRADE PLACEMENT: 10-12

PREREQUISITE: PRINCIPLES OF INFORMATION TECHNOLOGY

RECOMMENDED COREQUISITE: COMPUTER MAINTENANCE LAB

CREDIT: 1 UNIT

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.

8177L COMPUTER MAINTENANCE LAB

GRADE PLACEMENT: 10-12

PREREQUISITE: PRINCIPLES OF INFORMATION TECHNOLOGY

COREQUISITE: COMPUTER MAINTENANCE

CREDIT: 2 UNITS

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.

8178 NETWORKING

GRADE PLACEMENT: 10-12

PREREQUISITE: RECOMMENDED PRINCIPLES OF INFORMATION

TECHNOLOGY, COMPUTER MAINTENANCE, AND COMPUTER MAINTENANCE LAB

RECOMMENDED COREQUISITE: NETWORKING LAB

CREDIT: 1 UNIT

Students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

8178L NETWORKING LAB

GRADE PLACEMENT: 10-12

PREREQUISITE: RECOMMENDED PRINCIPLES OF INFORMATION

TECHNOLOGY, COMPUTER MAINTENANCE, AND COMPUTER MAINTENANCE LAB

RECOMMENDED COREQUISITE: NETWORKING

CREDIT: 2 UNITS

Students will develop knowledge of the concepts and skills related to telecommunications and data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

CAREER AND TECHNICAL EDUCATION

8406 GAME PROGRAMMING AND DESIGN

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

Game Programming and Design will foster student creativity and innovation by presenting students with 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 gaming problems. Through data analysis, students will include the identification of task requirements, plan search strategies, and use programming concepts to access, analyze, and evaluate information needed to design games. By acquiring programming 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 create a computer game that is presented to an evaluation panel.

8416 WEB GAME DEVELOPMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: WEB TECHNOLOGIES
CREDIT: 1 UNIT

Through the study of web game development, students learn to make higher-level informed decisions and apply the decisions to the field of information technology and gaming. Students implement personal and interpersonal skills to prepare for a rapidly evolving technology environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

8407 MOBILE APPLICATION DEVELOPMENT

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT

Mobile Application Development will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices. Students will collaborate with one another, their instructor, and various electronic communities to solve problems presented throughout the 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.

8179 PRINCIPLES OF CYBERSECURITY

GRADE PLACEMENT: 10-12
PREREQUISITE: RECOMMENDED PRINCIPLES OF INFORMATION TECHNOLOGY, COMPUTER MAINTENANCE, AND NETWORKING
CREDIT: 1 UNIT

Students will develop the knowledge and skills needed to master fundamental concepts of cyber security. Students in the course will develop a basic foundation for continuing their cyber security education and choosing a career in the cyber security field. Students will explore the challenges facing information security professionals related to ethics, system security, network security, and application security. Students will conduct risk assessments and develop and implement security policies to mitigate those risks. Students will examine trends in cyber-attacks, common vulnerabilities, and the emergence of cyber terrorism. Students can pursue a national cyber security certification or other appropriate industry certifications.

8272 TOUCH SYSTEM DATA ENTRY

GRADE PLACEMENT: 9-12
CREDIT: .5 UNIT

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.

CAREER AND TECHNICAL EDUCATION

8408 FOUNDATIONS OF CYBERSECURITY

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

NEW!

In the Foundations of Cybersecurity course, students will develop the knowledge and skills needed to explore fundamental concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will review and explore security policies designed to mitigate risks. The skills obtained in this course prepare students for additional study in cybersecurity.

LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

8149D LAW ENFORCEMENT I

GRADE PLACEMENT: 10
PREREQUISITE: PRINCIPLES OF GOVERNMENT AND PUBLIC ADMINISTRATION
CREDIT: 1 UNIT

Includes the role of constitution law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement.

8154 LAW ENFORCEMENT II

GRADE PLACEMENT: 11-12
PREREQUISITE: LAW ENFORCEMENT I
CREDIT: 1 UNIT

This course builds upon the knowledge and skills of Law Enforcement I with an emphasis on practicing police strategies in simulated settings.

6672 FORENSIC PSYCHOLOGY

GRADE PLACEMENT: 10-12
PREREQUISITE: BIOLOGY AND CHEMISTRY
CREDIT: 1 UNIT

Forensic psychology is the intersection between psychology and the criminal justice system. It involves understanding criminal law in the relevant jurisdictions in order to be able to interact appropriately with judges, attorneys and other legal professionals. An important aspect of forensic psychology is the ability to testify in court, reformulating psychological findings into the legal language of the courtroom, proving information to legal personnel in a way that can be understood.

8141 POLITICAL SCIENCE I

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF GOVERNMENT AND PUBLIC ADMINISTRATION
CREDIT: 1 UNIT

Political Science I explores the philosophical and theoretical underpinnings of various forms of government, both within the United States and throughout the world.

8142 POLITICAL SCIENCE II

GRADE PLACEMENT: 11-12
PREREQUISITE: POLITICAL SCIENCE I
CREDIT: 1 UNIT

Political Science II uses a variety of learning methods and approaches to examine the processes, systems, and political dynamics of the United States and other nations. The dynamic component of this course includes current U.S. and world events.

8153 LEGAL RESEARCH & WRITING

GRADE PLACEMENT: 10-12
PREREQUISITE: ADMISSION INTO THE LAW ACADEMY
CREDIT: 1 UNIT

Identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation. Court Systems and Practices is an overview of the federal and state court systems.

CAREER AND TECHNICAL EDUCATION

GOVERNMENT AND PUBLIC ADMINISTRATION

8140 PRINCIPLES OF GOVERNMENT AND PUBLIC ADMINISTRATION

GRADE PLACEMENT: 9-11
CREDIT: 1 UNIT

Introduces students to the three branches of the U.S. government (legislative, executive, and judicial). Students will examine governmental documents such as the U.S. Constitution with special emphasis on the Bill of Rights. Students will also interpret and apply concepts of governance to assess public administration in society.

MANUFACTURING

8167 INTRODUCTION TO WELDING

GRADE PLACEMENT: 9-12
PREREQUISITE: ALGEBRA I AND AGRICULTURE MECHANICS AND METAL TECHNOLOGY
CREDIT: 1 UNIT

The course develops an understanding to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards.

8168 WELDING I

GRADE PLACEMENT: 10-12
PREREQUISITE: ALGEBRA I
CREDIT: 2 UNITS

The course develops an understanding in welding with an emphasis on math technologies, evaluating the function and application of the tools, equipment, technologies, and materials used in welding, understanding welding joint design, symbols and welds and identify the proper welding types and techniques used. Students will also evaluate different types of metals.

8169 WELDING II

GRADE PLACEMENT: 11-12
PREREQUISITE: ALGEBRA I OR GEOMETRY AND WELDING I
CREDIT: 2 UNIT

Welding II builds on the knowledge and skills developed in Welding I. The student applies academic skills to the requirements of welding. They will also apply the concepts and skills of welding learned in Welding I, to perform tasks and construct projects.

8169L WELDING II LAB

GRADE PLACEMENT: 11-12
PREREQUISITE: WEDLING I
CREDIT: 3 UNITS

Welding II lab provides an instruction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures.

8170 PRACTICUM IN MANUFACTURING

GRADE PLACEMENT: 11-12
PREREQUISITE: 10 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE MANUFACTURING CAREER CLUSTER.
CREDIT: 2 UNITS

The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skill. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. The practicum course is paid or unpaid capstone experience for student's participation in a coherent sequence of career and technical education courses in the Manufacturing Career Cluster. *A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. 10 hours per week at paid job site*

CAREER AND TECHNICAL EDUCATION

8170E EXTENDED PRACTICUM IN MANUFACTURING

GRADE PLACEMENT: 11-12

PREREQUISITE: 15 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE MANUFACTURING CAREERCLUSTER

CREDIT: 3 UNIT

Extended Practicum in Manufacturing 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. The Practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Manufacturing Career Cluster. 15 hours per week at job site

8166 MANUFACTURING ENGINEERING TECHNOLOGY I

GRADE PLACEMENT: 9-12

CREDIT: 1 UNITS

In Manufacturing Engineering Technology I, students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Students will prepare for success in the global economy. The study of manufacturing engineering will allow 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.

MARKETING

8285 FASHION MARKETING

GRADE PLACEMENT: 9-12

CREDIT: 1/2 UNIT

This course is designed to provide students with knowledge of the various business functions specific to the fashion industry. Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities.

8284 ADVERTISING

GRADE PLACEMENT: 10-12

CREDIT: 1/2 UNIT

Advertising and Sales Promotion are key elements to any business that markets a product or service. Students will discover the goals and objectives of various types of advertising and promotion identify and analyze advertisements and promotional campaigns, select media and develop advertisements. Students will learn about the different types of advertising media, measure the effectiveness of that media and determine the costs involved. Students will learn about the promotional mix and well as the importance of public relations.

8286 ENTREPRENEURSHIP

GRADE PLACEMENT: 10-12

PREREQUISITE: NONE

CREDIT: 1 UNIT

In Entrepreneurship, students will gain the knowledge and skills needed to become an entrepreneur. Students will learn 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 business and its products and services. In addition, students will understand the capital required, the return on investment desired, and the potential for profit.

8287 SPORTS AND ENTERTAINMENT MARKETING

GRADE PLACEMENT: 9-12

CREDIT: 1/2 UNIT

Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

CAREER AND TECHNICAL EDUCATION

8288 ADVANCED MARKETING

GRADE PLACEMENT: 11-12

PREREQUISITE: AT LEAST ONE OTHER COURSE IN THE MARKETING CLUSTER

CREDIT: 2 UNITS

In Practicum in Marketing, students will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical courses in marketing.

8289 PRACTICUM IN MARKETING

(1ST TIME TAKEN)

GRADE PLACEMENT: 11-12

PREREQUISITE: 10 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CAREER AND TECHNICAL EDUCATION COURSES IN THE MARKETING CAREER CLUSTER

CREDIT: 2 UNITS

In Practicum in Marketing, students will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical courses in marketing. 10 hours per week at paid job site

8289S PRACTICUM IN MARKETING

(2ND TIME TAKEN)

GRADE PLACEMENT: 12

PREREQUISITE: 10 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CAREER AND TECHNICAL EDUCATION COURSES IN THE MARKETING CAREER CLUSTER

CREDIT: 2 UNITS

In Practicum in Marketing, student will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical courses in marketing. A student may take this course Practicum in Marketing a second time if they are experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills than they experienced in 8289.

8289E EXTENDED PRACTICUM IN MARKETING

GRADE PLACEMENT: 11-12

PREREQUISITE: 15 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE MARKETING CAREER CLUSTER

CREDIT: 3 UNITS

Extended Practicum in Marketing, students will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical courses in marketing. 15 hours per week at job site.

8289E2 EXTENDED PRACTICUM IN MARKETING

(2ND TIME TAKEN)

GRADE PLACEMENT: 12

PREREQUISITE: EXTENDED PRACTICUM IN MARKETING, 15 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE MARKETING CAREER CLUSTER.

CREDIT: 3 UNITS

A student may repeat course 8289E for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. 15 hours per week at job site.

CAREER AND TECHNICAL EDUCATION

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

8250 PRINCIPLES OF BIOSCIENCES

GRADE PLACEMENT: 9
PREREQUISITE: CONCURRENT WITH BIOLOGY
CREDIT: 1 UNIT

This course will provide an overview of biotechnology, bioengineering, and related fields. Topics will include cell structure, proteins, nucleic acids, enzymatic reactions, genetics, immunology, etc. This will be used to understand the role Biotechnology plays in important agriculture, medicine, the environment, bioenergy, and other spheres. Students will be briefly introduced to nanotechnology, as used in medical research. The class will also focus on the economic, ethical and political roles of biological remediation (like in the use of Genetically Modified Organisms, role of genetics in food, etc.); as well as current and future trends

8249 PRINCIPLES OF APPLIED ENGINEERING

GRADE PLACEMENT: 9-10
PREREQUISITE: INTRODUCTION TO CONCEPTS OF ENGINEERING OR ENGINEERING DESIGN
CREDIT: 1 UNIT

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which 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 have an understanding of 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.

8251 COMPUTER INTEGRATED MANUFACTURING (PLTW) (METS A)

GRADE PLACEMENT: 10-12
PREREQUISITE: INTRODUCTION TO ENGINEERING DESIGN (IED) AND PRINCIPLES OF ENGINEERING (POE), OR INSTRUCTOR RECOMMENDATION
CREDIT: 1 UNIT

Students will discover and explore manufacturing processes, product design, robotics and automation. They will then apply what they have learned by designing their own solutions for real-world manufacturing problems and utilizing associated equipment and technology such as a computer numerical control (CNC) machine. This course's curriculum is based on current industry standards, and students will be given the opportunity to pursue an Advanced Manufacturing and Design Certification.

8253 INTRODUCTION TO ENGINEERING DESIGN (PLTW)

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

Uses a problem-solving model to improve existing products and invent new ones. Students learn how to apply this model to solve problems in and out of the classroom. Using sophisticated three-dimensional modeling software, students communicate the details of the products. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

8260 ENGINEERING SCIENCE (PLTW)

GRADE PLACEMENT: 9-12
PREREQUISITE: CONCEPTS OF ENGINEERING OR INTRODUCTION TO ENGINEERING DESIGN
CREDIT: 1 UNIT

Helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

8259 ENGINEERING DESIGN AND PROBLEM SOLVING (FAST TRACK 2)

GRADE PLACEMENT: 10-12
PREREQUISITE: GEOMETRY, ALGEBRA II, CHEMISTRY AND PHYSICS
CREDIT: 1 UNIT

This course 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 design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. This course will count as a science credit.

CAREER AND TECHNICAL EDUCATION

8254 ENGINEERING DESIGN AND PRESENTATION I (FAST TRACK 1)

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF APPLIED ENGINEERING AND ALGEBRA I
CREDIT: 1 UNIT

Engineering Design and Presentation I is a continuation of knowledge and skills learned in Principles of Applied Engineering. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignment 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 these areas.

8255 BIOTECHNOLOGY I

GRADE PLACEMENT: 10-12
PREREQUISITE: ENGINEERING DESIGN AND PRESENTATION
CREDIT: 1 UNIT

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.

8256 BIOTECHNOLOGY II

GRADE PLACEMENT: 11-12
PREREQUISITE: BIOTECHNOLOGY I
CREDIT: 1 UNIT

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 and competitions. Students will build prototypes and use software to test their designs.

8261 DIGITAL ELECTRONICS

GRADE PLACEMENT: 11-12
PREREQUISITE: PRINCIPLES OF ENGINEERING
CREDIT: 1 UNIT

Emphasizes the design process, engineering systems, materials use and testing, as well as the production process and quality control. Students use computer simulation to learn about the logic of electronics as they design, test and construct real circuits and devices to control systems.

8257 SCIENTIFIC RESEARCH AND DESIGN (IGNITE I)

GRADE PLACEMENT: 10-12
PREREQUISITE: COMPLETION OF TWO YEARS OF LABORATORY SCIENCE
CREDIT: 1 UNIT

Provides the accelerated student with the opportunity to conduct an independent research project in the science of their major interest. Instruction in methods of research, advanced instrumentation, and presentation of findings is provided. This course meets one of the Distinguished Achievement Program measures.

8258 SCIENTIFIC RESEARCH AND DESIGN II (IGNITE II)

GRADE PLACEMENT: 11-12
PREREQUISITE: PHYSICS, PREAP PHYSICS OR CONCURRENT ENROLLMENT IN PHYSICS
CREDIT: 1 UNIT

Students will design and develop remotely operated vehicles for research or work application. The curriculum is physics-based and includes technological application of the four main energy systems: mechanical, fluid, electrical and thermal. Through a project/problem-based format, the course is designed to increase critical thinking and analysis skills using unmanned aerial vehicles involving science and engineering knowledge. This course will promote engineering studies and research, develop work force skills, and encourage students to enter academic and career paths that lead to careers in the engineering industries.

CAREER AND TECHNICAL EDUCATION

8248 PRACTICUM IN STEM (SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS)

GRADE PLACEMENT: 12
CREDIT: 2 UNITS

Practicum in STEM is designed to give students supervised, practical application of previously studied knowledge and skills. Students spend one semester engaged in an unpaid, STEM-focused internship, and one semester preparing a capstone project where they utilize the STEM skills they have learned to create a product that can improve their community. This is a year-long, double blocked course to ensure the student is provided with in-class instruction, as well as on-site training in a STEM field. On-site practicum training can occur in a variety of locations appropriate to the students interests and prior level of experience.

8247 ENGINEERING MATHEMATICS

GRADE PLACEMENT: 11-12
PREREQUISITE: ALGEBRA II
CREDIT: 1 UNIT

Engineering Mathematics is a course where students solve and model design problems. Students will use a variety of mathematical method and models to represent and analyze problems that represent a range of real-world engineering applications such as robotics, data acquisitions, spatial applications, electrical measurement, manufacturing process, materials engineering, mechanical drives pneumatics, process control systems, quality control and computer programming.

8252 MANUFACTURING ENGINEERING TECHNOLOGY I

GRADE PLACEMENT:
PREREQUISITE:
CREDIT:

In Manufacturing Engineering Technology I, students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Students will prepare for success in the global economy. The study of manufacturing engineering will allow 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.

TRANSPORTATION, DISTRIBUTION AND LOGISTICS

8156 ENERGY, POWER AND TRANSPORTATION SYSTEMS

GRADE PLACEMENT: 9-10
CREDIT: 1 UNIT

Introduces students to the business and industries of the transportation careers. Student will learn to understand the interaction between various vehicle systems, and the logistics used to move goods and services. Students prepare to meet the expectations of employers in this industry.

8157 AUTOMOTIVE BASICS

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT

This course includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Applicable safety and environmental rules and regulations are also covered.

8159 AUTOMOTIVE TECHNOLOGY I: MAINTENANCE AND LIGHT REPAIR

GRADE PLACEMENT: 10-11
PREREQUISITE: ENERGY, POWER, AND TRANSPORTATION SYSTEMS, OR INSTRUCTOR APPROVAL
CREDIT: 2 UNITS

Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus on this course is to teach the theory of operation of automotive vehicle systems and associated repair practices in a pre-employment laboratory.

CAREER AND TECHNICAL EDUCATION

8160 AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE

GRADE PLACEMENT: 11-12

PREREQUISITE: AUTOMOTIVE TECHNOLOGY I: MAINTENANCE AND LIGHT REPAIR

CREDIT: 2 UNITS

Automotive services include advanced knowledge of the function of the major automotive systems and principles of diagnosing and servicing these systems. In Advanced Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices in a pre-employment laboratory. Students enrolled in this course will pay a fee to cover the required work shirt, safety glasses, etc.

8158 BASIC COLLISION REPAIR AND REFINISHING

GRADE PLACEMENT: 10-12

CREDIT: 2 UNITS

Students will learn the repair process in metal straightening, welding, frame damage measuring and estimate writing. Students will participate in hands on activities throughout the course. Students also will develop proper technique for the application of dent repair and parts replacement.

8161 COLLISION REPAIR

GRADE PLACEMENT: 10-12

CREDIT: 2 UNITS

Students will learn the repair process in metal straightening, welding, frame damage measuring and estimate writing. Students will participate in hands on activities throughout the course. Students also will develop proper technique for the application of dent repair and parts replacement.

8162 PAINT AND REFINISHING

GRADE PLACEMENT: 11-12

PREREQUISITE: COLLISION REPAIR

CREDIT: 2 UNITS

This course gives students the opportunity to continue their exploration in collision repair. Their prior knowledge will allow them to be introduced to refinishing (painting). The refinishing processes will include: Complete paint jobs, collision repair refinishing, blending paint, and custom paint techniques. Students will participate in hands-on activities throughout the course. In the spring semester of this course, students will be afforded the opportunity to work in the industry in a related field. This real world work experience can take the form of either an internship or career preparation training through the coordination of the instructor.

8163 PRACTICUM IN TRANSPORTATION SYSTEMS (AUTO TECH)

GRADE PLACEMENT: 12

PREREQUISITE: AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE

CREDIT: 2 UNITS

Practicum is designed to give students supervised practical application of knowledge and skills. Practicum experience occurs in a work place environment appropriate to the nature and level of experience. Students are required to secure and maintain employment.

8163E EXTENDED PRACTICUM IN TRANSPORTATION SYSTEMS (AUTO TECH)

GRADE PLACEMENT: 12

PREREQUISITE: AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE

CREDIT: 3 UNITS

This course must be taken concurrently with Practicum in Transportation Systems and may not be taken as a stand-alone course.

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