Elgin Independent School District
High School Course Guide
2025 – 2026



Elgin ISD Changes Lives

One Town

One Team

One Family

2

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District Vision Statement
Elgin ISD changes lives

District Mission Statement
Elgin Independent School District ensures a high-quality education that guarantees a life-changing experience for all.

Elgin Independent School District does not discriminate on the basis of race, sex, age, religion, color, national origin, or disability in providing education services, activities or programs. It is the intent and policy of this District to conduct its activities in compliance with all Federal and State laws prohibiting discrimination on the basis of race, sex, age, religion, color, national origin, or disability.

El Distrito Independiente Escolar de Elgin no discrimina a base de raza, sexo, edad, religión, color, origen nacional, o incapacidad en proveer servicios educacionales, actividades, o programas. Es la intención y norma del Distrito de conducir sus actividades de acuerdo con todas las leyes Federales y Estatales prohibiendo discriminación a base de raza, sexo, edad, religión, color, origen nacional o incapacidad.

Elgin Independent School District

- Elgin ISD Changes Lives -

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(512) 281-9731; www.elginisd.net

Dear Parents and Students:

In Elgin Independent School District (Elgin ISD), we believe in careful planning for the academic success and development of each one of our students. We strive to create learning environments that empower and inspire all students to achieve their utmost potential. We believe that our parents and community members are partners with us in this endeavor, and it is to that spirit that we ask you to carefully review the contents of the Elgin ISD Secondary Course Guide.

The guide is designed to provide students, parents, and school staff with a resource for reviewing and selecting career and academic Programs of Studys. It includes course offerings and descriptions for high school students.

The course guide is divided into four major sections:

- Elgin Independent School District Information
- Graduation and Programs of Study
- Phoenix High School Course Offerings
- Elgin High School Offerings

Please note that the course guide is subject to change as needed. Any updates will be posted on the district and campus websites, and the school counseling team will notify students if the changes impact their specific course plan.

Thank you for your partnership and support in planning course selections for the upcoming academic school year. We look forward to working with you to develop your student's program of study!

Sincerely,

Dr. Jana Rueter
Superintendent of Schools

Table of Contents

Elgin Independent School District Information **6**

Awarding of Credits 6

High School Grade Level Classifications *6*

Transfer Grade Policy *6*

Transfers from Home School or Non-Accredited Private School *6*

College Course Grade Conversions *6*

Academic Achievement and Grade Point Average 6

Class Rank *7*

Academic Honors *7*

Chart - Grade Point Average (GPA) Scale *8*

Weighted Courses Grading Policy *8*

Chart – Weighted GPA Courses *9*

Earning College Credit and Special Programs 10

Gifted and Talented Program *10*

Advanced and Advanced Placement Courses *10*

Advanced Placement Exams *11*

Health Sciences Academy with Austin Community College *12*

Apple Swift Coding and Austin Community College *12*

OnRamps with The University of Texas at Austin *12*

Additional Ways to Earn College Credit While in High School *13*

Texas Success Initiative Assessment & Compliance *13*

Chart - State-Approved Scores for TSI Exemption *13*

Chart – Comparison of College Credit Programs Offered at EHS *14*

Alternative High School Credit Opportunities 16

Correspondence Courses *16*

Credit by Exam with Prior Instruction *16*

Credit by Exam without Prior Instruction *16*

Summer School/Semester *16*

Credit Recovery *16*

State of Texas Assessments of Academic Readiness (STAAR) 17

Course Availability and Selection 17

Graduation, Endorsements, and Programs of Study **18**

Elgin ISD Graduation Ceremony Participation and Diploma Requirements 18

Foundation Graduation Program with Endorsements *18*

Distinguished Level of Achievement *19*

Performance Acknowledgements *19*

Texas First Early High School Completion Program *19*

Transcript of Credits *19*

NCAA Guidelines *19*

Chart – Elgin ISD Graduation Requirements Summary *20*

Automatic Admission to a Texas Public University 21

Endorsements and Programs of Study for Graduation 22

Phoenix High School Information **26**

PHS Mission Statement and Purpose 26

Curriculum Philosophy and Framework 26

Elgin High School Curriculum **27**
Curriculum Philosophy and Framework 27
Grading and Evaluation *27*
English Language Arts Courses 28
Elective ELA Courses *30*
Mathematics Courses 32
Additional Math Courses *33*
Science Courses 35
Additional Science Courses *37*
Social Studies Courses 38
Elective Social Studies Courses *41*
Languages Other Than English Courses 42
Physical Education (PE) Courses 45
UIL Athletic Program *45*
Additional PE Courses *46*
Special Programs & Courses 47
Fine Arts Courses 48
Art *48*
Band *50*
Choir *51*
Dance *52*
Floral Design *52*
Music *52*
Theatre *53*
Career, Technology, and Education (CTE) Courses 54
Dual Credit Courses 69
Appendix A: Automatic College Admissions 76

Elgin Independent School District Information

Awarding of Credits

For a two-semester course in which both semesters are completed in the fall and spring of the same school year, each semester's grade stands on its own. Full credit will be awarded if the average of the fall and spring semesters is at least 70. Students transferring in during the spring semester with a failing fall semester grade may receive credit under this policy.

Beginning with the incoming freshman cohort in 2023-2024, students who earn a “P" for passing a course will earn credit for that course. However, it will not be factored into the student's grade point average (GPA).

High School Grade Level Classifications

The classifications below are based on the number of credits completed prior to the first day of school.

Freshman	1st year	0-5.5 earned credit
Sophomore	2nd year (+)	6-11.5 earned credit
Junior	3rd year (+)	12-17.5 earned credit
Senior	4th year (+)	18 earned credit

Transfer Grade Policy

The following numerical values will be used for letter grades transferred to the school:

A+ = 98	B+ = 88	C+ = 79	D+ = 74	F = 65
A = 95	B = 85	C = 77	D = 72	
A - = 90	B- = 80	C- = 75	D- = 70	

Transfers from Home School or Non-Accredited Private School

A student returning to public high school from homeschooling or a non-accredited private school will need to demonstrate mastery of basic skills up to the grade level to which he or she is assigned. Students will be given a Board-approved Credit by Exam assessment. More information about Credit by Exam can be found on the Elgin ISD website.

College Course Grade Conversions

Austin Community College and higher education institutions typically use the following grading system:

Grade	Interpretation	Grade Points per Semester Credit
A	Excellent	4
B	Good	3
C	Satisfactory	2
D	Credit may not be applied toward graduation requirements	1
F	Failing	0
I	Incomplete	Not Computed
W	Withdrawn	Not Computed

Upon course completion, Elgin High School will use the following numerical values for purposes such as calculating GPA and rank in place of the alpha grades assigned by the higher education partnering institution:

A = 95	B = 85	C = 75	D = 70	F = 65

Academic Achievement and Grade Point Average

Class Rank

Class rank is the academic position a student has in relation to other students in the grade level. The position or rank is reported as "number (_) out of (_) students in graduating class."

For example, given 250 students in a grade level, the highest ranking student (number one) would be reported as number 1 out of 250 students; the lowest ranking student would be reported as number 250 out of 250 students. All other students are ranked between the highest (number one) and lowest (last).

A weighted GPA is used to determine class rank. Weighted class ranking encourages students to take more challenging academic courses in preparation for further learning after high school, as students will receive a higher weighted rank point for the more difficult level courses. Courses included in the weighted GPA computation are listed in the *Chart –Weighted GPA Courses* (pg. 9).

The Valedictorian and Salutatorian shall be the eligible students with the highest and second highest ranking, respectively, as determined at the end of the fourth nine weeks (end of the year). To be eligible for such recognition, a student must:

1. Have been continuously enrolled in the District high school for the two full school years immediately preceding graduation;
2. Have completed the Foundation Program with the Distinguished Level of Achievement; and
3. Be graduating after exactly eight semesters of enrollment in high school.

Academic Honors

Honor students' rankings are calculated using grades through the end of the third nine-week grading period of the senior year[1]. The students ranked as numbers one and two shall be selected to give honor addresses for graduation exercises. Senior class ranking for the purpose of determining Valedictorian and Salutatorian is calculated at the end of the final week of the fourth nine-week grading period.

Recognition for academic honors will be given to the following graduating seniors:

- Valedictorian – The highest-ranking fourth-year student
- Salutatorian – The second highest-ranking fourth-year student
- Honor Students – The top ten-ranking students, including the Valedictorian and Salutatorian
- Summa Cum Laude – The top five percent of the class
- Magna Cum Laude – The top ten percent of the class
- Cum Laude – The top fifteen percent of the class

[1] Note dual credit course grades are calculated in students' rankings through the end of the second nine-week grading period of their senior year

Chart - Grade Point Average (GPA) Scale

Two GPAs will be shown on the transcript: a weighted GPA and an unweighted GPA. The weighted GPA is used to determine class rank and is listed as "GPA" on student transcripts. The unweighted GPA is listed as "College 4-Point" on student transcripts. The College 4-Point GPA is the cumulative average of semester grades, including courses that are taken more than once, regardless of credit awarded.

Each semester grade earns points based on the scale shown below:

Weighted GPA	College 4-point GPA
101 – 120	4 points
100 – 90	
89 – 80	3 points
79 – 75	2 points
74 – 70	1 point
69 – 0	0 points
The total points are divided by the total number of applicable semester grades.	

Weighted Courses Grading Policy

Student performance is evaluated on rigorous standards appropriate for the level and content of the course. Eligible courses receive weight when figuring class rank; however, actual grades earned will appear on all report cards and transcripts.

In order to receive weighted points at the semester for an eligible weighted course, the student must be enrolled in the course for the entire second nine weeks of each semester and fulfill all requirements for the course, including taking the corresponding AP exam. If an advanced course is dropped within a semester, the unweighted grade transfers to the new class.

Chart – Weighted GPA Courses

The courses eligible for inclusion in the weighted GPA are semester grades earned for high school credit in the following subjects only: English, mathematics, science, social studies, languages other than English, and speech. The weighted GPA is calculated by multiplying each semester grade by a multiplier, as indicated in the chart below.

Weighted Multiplier	Courses Included Weighted GPA Computation*
Level I 0.9	Eligible courses that have been modified by an ARD committee and determined to justify lower weight based on modified content. Any course used to meet the district speech requirement.
Level 2 1.0	❖ English I-IV, ESOL I-II, College Preparation English ❖ Spanish I-II, *Spanish III-IV* ❖ Algebra I, Geometry, Algebra II, Pre-Calculus, Advanced Quantitative Reasoning, Algebraic Reasoning, College Preparation Math, *Engineering Math, Math in Agriculture*, Math Models, *Robotics 2*, Statistics ❖ Biology, Chemistry, Physics, IPC, Environmental Systems, Earth Systems Science, Advanced Animal Science, Advanced Plant and Soil, Anatomy and Physiology, *Food Science,* Forensic Science, *Medical Microbiology*, *Biotechnology I and II*, *Pathophysiology* ❖ World Geography, World History, US History, Economics, Government
Level 3 1.1	❖ Advanced English I-II ❖ Advanced Spanish I-III, Advanced Spanish for Spanish Speakers I-II (*III*) ❖ *Advanced Algebra I*, Advanced Geometry, Advanced Algebra II ❖ Advanced Biology, Advanced Chemistry, *Advanced Physics* ❖ *Advanced World Geography, Advanced World History*
Level 4 1.2	❖ AP English III-IV, Dual Credit English III-IV, Dual Credit Humanities ❖ AP Spanish IV- V, Dual Credit Spanish I-IV ❖ AP Calculus, Dual Credit College Algebra, Dual Credit College Math, Dual Credit Statistics, OnRamps Precalculus, OnRamps Statistics ❖ AP Biology, AP Chemistry, AP Physics I, Dual Credit Environmental Systems, *Dual Credit Life on Earth* ❖ *AP European History*, AP Government, AP Human Geography, AP Macroeconomics, *AP Microeconomics*, AP Psychology, AP US History, AP World History, Dual Credit Economics, Dual Credit Psychology, Dual Credit Sociology, Dual Credit U.S. Government, Dual Credit US History II, ❖ AP Computer Science Note: Students enrolled in an AP course are required to take the corresponding AP examination in order to fulfill the requirements of the course and earn weighted points. Elgin ISD assumes the cost of all AP exams. Exception: If a dual credit speech course is taken to meet the district speech requirement, the course will be weighted at 0.9. If a student has already met the district speech requirement, then a dual credit speech course will have zero weight.

Note: Italicized courses are not currently offered by EISD.

*Additional courses that are approved by the Texas Education Agency (TEA) in Chapter 74 of the Texas Administrative Code may be included for transfer students in the Elgin ISD weighted GPA and Rank calculations. When a student transfers grades for properly documented and eligible courses, the District shall assign weight to those grades based on the categories and grade weight system used by the District if similar courses are offered to the same class of students in the District. EIC (LOCAL)

Earning College Credit and Special Programs

Gifted and Talented Program

In Elgin ISD, the needs of Gifted and Talented students are met in several ways. In the four core subject areas, Language Arts, Mathematics, Science, and Social Studies, identified gifted students may choose to participate in advanced, Advanced Placement, and dual credit courses with gifted instruction being provided by teachers trained in both Gifted Education and Advanced Placement methodologies. For additional information, refer to the Elgin ISD Gifted and Talented Handbook.

Advanced and Advanced Placement Courses

Advanced courses are designed to challenge motivated students and prepare them for success in college-level coursework in high school and beyond. These courses move at a faster pace, are more academically challenging, require additional outside reading, and require more independent learning than on-level courses.

Advanced Placement (AP) courses are developed by the College Board and are designed to provide college-level studies for high school students using college-level materials and strategies. The amount and depth of material require students to read and develop advanced reasoning and problem-solving skills. These courses are offered for students who wish to pursue college-level studies while in high school.

Are Advanced Courses Right for You?			
Academic Preparation	**Habits of Mind & Study Skills**	**Family & Personal Commitments**	**Future Goals**
● How would teachers/family describe your strengths? ● What are your strong subjects? ● Are your current grades a reflection of your effort/ability? ● Are you satisfied with your current level of challenge? ● How have you performed on STAAR, PSAT, NWEA MAP, and classroom assessments?	● How do you study, take notes, and stay organized? ● When you are confused or absent, do you ask for help and/or access campus resources? ● Do you value hard work and challenging course content over GPA?	● What are your family and extracurricular commitments outside the school day? How do you balance commitments? ● Are you absent six days or less per semester?	● What are your career interests? ● What education is required? ○ 4-year/2-year University ○ Career/ Technology ○ Apprenticeship ○ Military ● Do your selected courses help you reach your goal?

Indicators of Probable Success in Advanced courses

English/Language Arts

- **Met or Masters standard** on previous year STAAR Reading/English EOC
- **Previous** year ELAR final grade average of 85 in an on-level course, or 75 in advanced course

Mathematics

- **Met or Masters standard** on previous year STAAR Math/Algebra I EOC
- **Previous** year Math final grade average of 85 in an on-level course, or 75 in advanced course

Social Studies

- **Met or Masters standard** on previous year STAAR Reading/English EOC
- **Previous** year Social Studies final grade average of 85 in an on-level course, or 75 in advanced course

Science

- **Met or Masters standard** on previous year STAAR **Reading**/English EOC & Math/Algebra I EOC
- **Previous** year ELAR final grade average of 85 in an on-level course, or 75 in advanced course

Advanced and Advanced Placement course expectations include:

- Independent research and projects (individual or group)
- Maintaining a minimum grade of 70 (unweighted)
- Passing advanced/AP class with 70 or above to receive grade weighting
- If a student's course average drops below 75 or a student is missing 2 or more assignments in the grading period, student is required to attend tutorials until their average is above 75 and all missing assignments are complete

A student- or teacher-initiated change from an advanced/AP level course to a regular level course may only take place after the first nine weeks of instruction and must involve the following steps:

- Student attends a minimum of of 3 office hours for tutoring
- Student completes the requirements of an exit form and submits the form for administrative review
- Parent, student, and teacher confer to discuss student achievement
- Administrator reviews exit form and meets with student and parent regarding effects on GPA and graduation plans

A student or teacher-initiated change from a regular level course to an advanced/AP level course must occur within the first nine weeks of each semester to receive weighted credit and may depend on approval from the student's instructor or an administrator.

Note: Schedule changes are subject to course availability. The student's unweighted grade will transfer to the course in which the student enters.

Advanced Placement Exams

In addition to high school credit, students may receive credit or appropriate placement from participating colleges provided they make acceptable scores on AP exams. These exams are administered in May and paid for by the district. Exams may also be taken by students who do not enroll in AP courses in high school. Students should go to www.collegeboard.org or see their counselor for additional information. In order to fulfill the requirements of an AP course, students enrolled in an AP course are required to take the corresponding AP exam to earn weighted points.

Associate Degree Programs with Austin Community College

In Elgin ISD, our goal is to increase the number of students graduating from high school with some form of higher education. To help achieve this goal, Elgin has partnered with Austin Community College (ACC) to offer an Early College High School (ECHS) and a Programs of Studys in Technology Early College High School (P-TECH). The school within a school model utilized by Elgin ISD benefits our student population by allowing students numerous opportunities to earn up to 60 college hours towards the core 42 or an associate's degree at no cost to families. In addition, the P-TECH Academy is aligned to work with welding industry partners to help propel students earn an Associate's degree from Austin Community College and an American Welding Society (AWS) professional certification. Students interested in either ECHS or P-TECH should see their counselors for more information about these programs and the application process. Refer to the chart *Comparison of College Credit Programs Offered at EHS* on page 14 for more information.

Health Sciences Academy with Austin Community College

The Austin Community College Health Sciences Academy provides the most advanced and comprehensive course offerings possible to health sciences students utilizing the most advanced technologies available. Through Elgin High School's Career and Technical Education program, the Health Sciences Academy offers students in their Senior year a variety of courses in allied health specialties for students seeking employment opportunities in phlebotomy.

Dual Credit Courses

Dual Credit courses are college courses taken for high school and college credit. Courses may occur face-to-face or virtually. Dual enrollment credit is accepted by Texas public universities. There are a variety of dual credit courses offered in both the academic and career and technology areas, however, all college-level courses are not dual credit courses. To enroll in a dual credit course, students must meet TSI eligibility criteria. If a student drops a dual credit course, he or she can enroll in a corresponding Elgin High School course. If a student drops a dual credit course after the college census date, the student will be placed in an unweighted (regular level) course with a transfer grade of 65, unless the school receives official grade information from the college. It is the responsibility of the student to obtain official grade information from the dual credit professor. For college purposes, the last day students can drop a dual credit course with a "W" will be in accordance with the corresponding college calendar.

Apple Swift Coding and Austin Community College

A partnership between Austin Community College, Lamar University, Apple, and Elgin ISD creates excitement and learning potential in computer programming and mobile application development. With support from Apple, students experience, learn and develop skills of critical thinking, collaboration, creativity, and communication on iPads, Macbooks, and other connected devices. A series of classes develop workforce competencies in computer programming, user experience, and design. Students study Swift, Python, and other programming languages to prepare them for the skills needed in this growing field. Students develop projects and applications that can be added to a digital portfolio and resume. Elgin ISD provides additional dual credit classes for students to have the opportunity to achieve Swift Level 1 Workforce certification through Austin Community College while attending classes at Elgin High School. Students with this certification will have the understanding to start an entry-level programming job at many of the largest businesses in and outside of the Austin area.

OnRamps with The University of Texas at Austin

OnRamps' innovative dual-enrollment program brings rigorous courses aligned with the high standards and expectations of The University of Texas at Austin to Elgin ISD students. Students are enrolled in a yearlong course taught by their high school teacher for high school credit. During the school year, OnRamps students must complete a series of required assignments designated by an Instructor of Record at The University of Texas at Austin. Students must earn a grade that would be equivalent to UT Austin credit or better on the required assignments to be eligible for dual enrollment in the university and to earn college credit. The university's Instructor of Record will award students the appropriate grade based on their performance in the college course. The high school teacher will separately award credit for the grade earned in the high school course, which may differ from that for the college course.

Additional Ways to Earn College Credit While in High School

Concurrent Enrollment – Concurrent enrollment courses are college courses students can take at the college for college credit while enrolled in high school. These courses will not be posted on the high school transcript nor will the credit count toward state high school graduation credit. Thus, the concurrent course will not be counted in the rank or GPA.

Course Articulation Options – Eligible locally articulated courses provide high school students additional options for college credit from a two-year college by taking high school courses that are part of an Associate of Applied Sciences (AAS) degree plan. Each course has its own locally developed articulation agreement which will determine how and when the college credit will be shown on the two-year college's transcript. It is the student's responsibility to check with his or her intended college as to the steps he or she must take to ensure documentation of any locally articulated courses that the college chooses to accept for credit. This will often require the student to request a college transcript be sent from the 2-year college, for example, Austin Community College (ACC), to their intended college.

Texas Success Initiative Assessment & Compliance

The Texas Success Initiative (TSI) Assessment is designed to help your institution determine if you are ready for college-level coursework in the general areas of reading, writing, and mathematics. If you are an incoming college student in Texas, you are required to take the TSI Assessment, unless you are already exempt (read below). Based on how you perform, when you enroll in a Texas college you may either be enrolled in a college-level course that matches your skill level or placed in the appropriate developmental course or intervention to improve your skills and prepare you for success in college-level courses.

You may be exempt if you:

- Met the minimum college readiness standard on SAT®, ACT, or English III or Algebra II STAAR EOC
- Have successfully completed college-level English and math courses
- Have enrolled in a Level 1 Certificate Program (fewer than 43 semester credit hours)
- Are not seeking a degree
- Have been, or currently are, in the military
- Successfully complete a college preparatory course under Texas Education Code §28.014

If you think you may be exempt, please contact an advisor at your institution. For more information, visit the website at www.thecb.state.tx.us

Chart - State-Approved Scores for TSI Exemption

Assessment	Math Score (valid for 5 years)	English Language Arts Reading (valid for 5 years)
ACT	Math ≥ 19 and Composite ≥ 23	English ≥ 19 and Composite ≥ 23
SAT prior to March 5, 2016	Math ≥ 500 and Combined ≥ 1070	Reading ≥ 500 and Combined ≥ 1070
SAT on/after March 5, 2016	Math ≥ 530	EBRW ≥ 480

Effective January 11, 2021, the following minimum college readiness standards (also known as "cut scores") for English Language Arts Reading (ELAR) and mathematics on the TSI Assessment, Version 2.0 (TSIA2) shall be used by an institution to determine a student's readiness to enroll in entry-level freshman coursework:
(1) Mathematics (for college-level coursework with mathematics-intensive designation by the offering institution):
(A) a College Readiness Classification (CRC) score of at least 950; or
(B) a CRC score below 950 and a Diagnostic level of 6.
(2) ELAR (for college-level coursework with reading, writing, or reading and writing-intensive designation by the offering institution):
(A) a College Readiness Classification (CRC) score of at least 945 and an essay score of at least 5; or
(B) a CRC score below 945 and a Diagnostic level of 5 or 6 and an essay score of at least 5.

Chart – Comparison of College Credit Programs Offered at EHS

Program	Advanced Placement	ECHS	P-TECH	Health Sciences Academy	Dual Credit	Swift Coding	OnRamps
Description	College-level classes that are rigorous and fast-paced; students can test for college credit	Opportunity to earn up to 60 hours of college credit & an Associate Degree from Austin Community College	Opportunity to earn a high school diploma, Associate Degree, industry-recognized certification in welding	Offers students in their Senior year a variety of courses in allied health, specifically in phlebotomy	Earn credit for both high school and college at the same time on a flexible schedule	Achieve Swift Level 1 Workforce certification while attending programming and software development classes at the high school	Courses developed by & aligned with the standards & expectations of UT Austin at both the high school and college level
Certification or Degree Opportunity	Not applicable	Associates of Arts Degree	Associate of Applied Science Degree; Structural Welding Level I cert., Pipe Welding Level I cert, AWS Level I cert.	Phlebotomy	Not applicable	SWIFT Apple Certification	Not applicable
Eligibility	Open to any high school student.	All 8th and 9th grade students through the end of October of their 9th grade year.		Open to any high school student.			
TSI Requirements	No	Yes	Yes	Yes	Yes	No	No
Cost	**All programs are offered at no cost to students or families**						
Teachers/ Instructors	High school teachers with training from the College Board	Austin Community College adjunct professors					High school trained teachers in collaboration with UT professors
Location	High school campus or online	High school campus, college campus, or online					High school campus and online
Enrollment	**All programs are subject to a contract requiring guardian approval.**						
	Student enrolls during high school course registration.	Enrollment is by application only and subject to a weighted lottery system.		Student enrolls during high school course registration.			

Program	Advanced Placement	ECHS	P-TECH	Health Sciences Academy	Dual Credit	Swift Coding	OnRamps
Awarding of Credit	High school credit is awarded when the student passes the course. College credit may be awarded depending on the student's score on the AP exam. Individual colleges and universities determine course credit and placement.	High school and college credits are awarded when the student passes the course. The adjunct college professor determines the grade and criteria by which the student passes the course.					High school credit is awarded when the student passes the course. UT Instructor of Record awards students a college grade based on college standards. Students may accept a passing college grade to earn college credit.
Transcript Implications	Course grade appears on a student's high school transcript only	Course grade appears on a student's high school and college transcript.[1]					Course grade appears on student's high school transcript. A student may accept or decline the college grade [1]
High School GPA and Class Rank	All eligible courses from each program are calculated in a student's weighted GPA using a 1.2 multiplier. A student's weighted GPA is used to determine class rank. See Chart – *Weighted GPA Courses* for a complete list of eligible courses.						

[1]Note under the college's Academic Standards of Progress policy, a student who does not meet a cumulative 2.0 or greater GPA may receive probation or be suspended from the college. This could have lasting impacts on student financial aid and acceptance into other institutions of higher education.

Alternative High School Credit Opportunities

All credits earned through alternative means, as described below, will be used in determining academic honors. All grades earned, including high school courses taken at the middle school, will be used in class rank except for those courses not included in the ranking system. Grades transferred must be from a four-year accredited high school to be accepted. If a student transfers from an unaccredited school, only grades earned through Elgin ISD High School will be used for determining averages for ranking for academic honors.

Correspondence Courses

Students may use distance learning courses, including correspondence courses, as a means of earning credit in a subject or course. In order to receive credit, a student shall obtain approval from the principal or designee prior to enrollment in the course. Only correspondence courses from the University of Texas at Austin, Texas Tech University, Texas Virtual School Network, or a Commissioner of Education-approved public university are acceptable. Seniors should complete their work and submit the grade for recording at least thirty days prior to their graduation date in order to be eligible for graduation at the end of the term.

Credit by Exam with Prior Instruction

A student who has previously taken a course or subject, but did not receive credit is permitted to earn credit by passing an exam on the essential knowledge and skills defined for that course or subject. Prior instruction may include incomplete coursework due to a failed course or excessive absences, homeschooling, or coursework by a student transferring from a non-accredited school. The school counselor or principal will determine if the student can take an exam for this purpose. The student must score at least 80 on the exam to receive credit for the course or subject. Refer to Elgin ISD's website Credit by Exam & Accelerated Testing page for testing dates, registration deadlines, and additional information.

Credit by Exam without Prior Instruction

A student will be permitted to take an exam to earn credit for an academic course or subject area for which the student has had no prior instruction or to accelerate to the next grade level. A student must score at least 80 on the exam (or a score designated by the state for an exam that has alternate scoring standards) to receive credit for the course or subject. A student may take an exam to earn course credit no more than twice. If a student fails to achieve the designated score on the applicable exam, he or she must enroll in and complete the course. If a student plans to take an exam, he or she (or a parent) must register with the principal or designee in accordance with district policy. Refer to Elgin ISD's website Credit by Exam & Accelerated Testing page for testing dates, registration deadlines, and additional information.

Summer School/Semester

Students may attend an out-of-district, accredited summer school provided that approval of the principal or counselor is obtained before enrolling. Summer school can be used for the purpose of making up work that has been failed during the regular term, strengthening areas where a student is weak, giving a student an opportunity to avail himself or herself of courses that cannot be taken during the regular term because of scheduling conflicts, and/or obtaining credits for acceleration purposes. Students may be required to attend in-district summer school to recover credits, prepare for and take an End-of-Course exam, and/or meet HB 4545 requirements.

Credit Recovery

Students may gain credit through computer-assisted instruction for courses previously failed. Not all courses are eligible for recovery. Students should contact their school counselor for information.

State of Texas Assessments of Academic Readiness (STAAR)

The State of Texas Assessments of Academic Readiness (STAAR) is the criterion-referenced assessment program that has been in place since 2011-2012. STAAR includes the five high school end-of-course (EOC) assessments mandated by HB 5 in 2013. The tests are rigorous with an emphasis on alignment to college and career readiness standards.

Note: Students who fail to perform satisfactorily on a state-mandated assessment are required to complete 30 hours of accelerated instruction per failed content area test. Summer school or after-school hours may be required to complete this legal mandate.

Per FMH (LOCAL), to be eligible to participate in commencement activities and ceremonies, a student shall meet all state and local graduation requirements, including all applicable state testing. Students must pass the STAAR EOC exams in the following areas:

- Algebra I
- English I
- English II
- Biology
- US History

If a student passes an EOC exam prior to high school, the student will be required to take both SAT and ACT prior to graduation.

Course Availability and Selection

Students and parents are reminded that course selections are determined by student choice, need, and teacher availability.

Schedule changes can have a significant impact on the calculation of the nine-week average. Schedule changes must be approved by the administrator or administrative designee. State law mandates 90% attendance in each class each semester. Therefore, schedule changes will be considered for the following reasons only:

- The student is a senior not scheduled in a course needed for graduation;
- The student has already earned credit for a course in which he or she is currently scheduled;
- The student does not have the prerequisite(s) for a class listed on his or her schedule;
- The student has previously failed the course under the same teacher;
- The student has been dismissed from a program for which approval must be granted for placement;
- The student does not have a full schedule;
- There is a data entry error (i.e. class listed twice, free period);
- Course-level change; or
- Other as approved by building administrator or designee.

The school cannot take total responsibility for the proper choice of courses for either students' graduation or college entrance. Students should carefully check the local graduation requirements and the catalog of the college of choice before choosing courses. Under no circumstances should students depend on any high school official to choose the correct courses for their future. The counselors, the administration, or other faculty members will be glad to assist students at any time, but students and parents must make the final choice. The parent or guardian and campus administrator must approve changes.

Graduation, Endorsements, and Programs of Study

Elgin ISD Graduation Ceremony Participation and Diploma Requirements

Per FMH (LOCAL), to be eligible to participate in commencement activities and ceremonies, a student shall meet all state and local graduation requirements, including all applicable state testing.

In order to graduate from Elgin High School, students complete:

- The Foundation Graduation Program with an Endorsement
- Pass all required state assessments (STAAR EOC Algebra I, English I, English II, Biology, US History)
- Demonstrate proficiency in verbal and non-verbal communications as well as critical thinking and problem-solving skills
- Required instruction in cardiopulmonary resuscitation (CPR), including the use of an automated external defibrillator (AED) as specified in TEC §74.38
- Required instruction on proper interaction with peace officers as specified in TEC §74.39
- Required completion and submission of a free applications for federal student aid (FAFSA) or a Texas application for state financial aid (TAFSA) as specified in TEC §74.11b

In addition, students have the unique opportunity to:

- Enhance their transcripts by earning the Distinguished Level of Achievement category, providing them with additional financial aid and college selection options
- Include Performance Acknowledgements that demonstrate outstanding achievement in several specific circumstances

It is the responsibility of the student to attend graduation rehearsal and pick up their cap and gown and invitations at the designated times. Students who graduate early and wish to participate in graduation exercises will be required to abide by the same school rules and regulations as other students. Diplomas shall be awarded at the end of the school year.

Foundation Graduation Program with Endorsements

To receive a high school diploma, students must complete the requirements of the Foundation High School Program with Endorsements. Under this program, Elgin ISD students must earn at least 27 credits, including at least four credits from their chosen endorsement. Students can earn one or more endorsements as part of their graduation requirements. Endorsements consist of a related series of courses that are grouped by interest or skill set. They provide students with in-depth knowledge of a subject area. Students must select an endorsement in the ninth grade. Students may change their endorsement at any time before the end of their third year. Districts and charters are not required to offer all endorsements.

A student may earn any of the following endorsements:

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

Additional information regarding endorsements can be found in the *Chart - Elgin ISD Graduation Requirements Summary* (pg. 20) and in the section *Programs of Studys for Graduation* (pgs. 22-24) in the course guide.

Distinguished Level of Achievement

A student may earn a distinguished level of achievement by successfully completing the curriculum requirements for the Foundation High School Program and the curriculum requirements for at least one endorsement, including four credits in science and four credits in mathematics to include Algebra II.

Performance Acknowledgements

Students can earn one or more Performance Acknowledgements, in addition to any graduation program they follow, for any of the areas listed below. Please talk to your school counselor for specific guidelines for each category.

- Dual credit course
- Advanced Placement or International Baccalaureate exam performance
- Bilingualism and bi-literacy
- Earning a nationally or internationally recognized business or industry certification or license
- PSAT, ACT-PLAN, SAT, or ACT score

Texas First Early High School Completion Program

House Bill 8, 88th Texas Legislature, Regular Session, 2023, establishes that a school district is **required**, rather than permitted, to issue a high school diploma under the Texas First Early High School Completion Program if the student demonstrates mastery of and early readiness for college in accordance with Texas Higher Education Coordinating (THECB) board rules. Students graduating early may participate in graduation ceremonies only if all graduation requirements are completed prior to the graduation ceremony. Students may not be ranked higher than 3rd in the senior class rank. Refer to the following flyer for more information about the Texas First Diploma. Reach out to your high school counselor if interested in pursuing early graduation through this program.

Transcript of Credits

Many schools and colleges require students to submit a copy of their high school record before entering. If a student plans to move to another school district, the student should request that the registrar send the transcript to the new school at the time of withdrawal. If a student plans to attend college, the transcript should be requested early enough for receipt by the required college deadline. Transcripts will be sent only by request. Students under the age of 18, who want their test scores sent to a college, must have a parent's signature of approval.

NCAA Guidelines

All high school athletes wishing to compete in college athletics must register with the NCAA Initial Eligibility Center. Eligibility information can be found in the Guide for the College-Bound Student-Athlete. Students who are interested in attending college on athletic scholarships should carefully select high school courses that qualify under the National Collegiate Athletic Association guidelines.

Chart – Elgin ISD Graduation Requirements Summary

	Foundation Graduation Program[1]	Foundation Graduation Program with Endorsements	Distinguished Level of Achievement (DLA)[2]
English Language Arts	4 Credits • English I • English II • English III • English IV	4 Credits • English I • English II • English III • English IV	4 Credits • English I • English II • English III • English IV
Mathematics	3 Credits • Algebra I • Geometry • Advanced math course	4 Credits • Algebra I • Geometry • Two advanced math courses	4 Credits[3] • Algebra I • Geometry • Algebra II • Advanced math course
Science	3 Credits • Biology • Chemistry • Advanced science course	4 Credits • Biology • Chemistry • Physics • advanced science course	4 Credits • Biology • Chemistry • Physics • advanced science course
Social Studies	3 Credits • World Geography or World History • US History • US Government (0.5) and Economics (0.5)	4 Credits[4] • World Geography • World History • US History • US Government (0.5) and Economics (0.5)	4 Credits[4] • World Geography • World History • US History • US Government (0.5) and Economics (0.5)
Languages Other than English (LOTE)	2 credits[5] In the same language or computer programming language	2 credits[5] In the same language or computer programming language	2 credits[5] In the same language or computer programming language
Fine Arts	1 credit	1 credit	1 credit
Physical Education	1 credit	1 credit	1 credit
Electives	5 credits Including Speech (0.5)	7 credits Including Speech (0.5)	7 credits Including Speech (0.5)
Endorsements		Successful completion of courses required for student selected endorsement	Successful completion of courses required for student selected endorsement
Total Credits Required	At least 22	At least 27	At least 27

[1]Foundation Graduation Program is only granted by permission of administration after student's 10th grade year
[2]Distinquished Level of Achievement is EISD's default graduation plan and is required for automatic college admission under the Texas Top 10% provisions
[3]EISD expects students to complete four years of math while in high school, even if students earn high school math credit in middle school
[4]While the state only requires three social studies credits, EISD recommends four social studies credits under these graduation plans
[5]A student who successfully completes a dual language immersion program in accordance with TEC 74.12(b)(5)(F) at an elementary school may satisfy one credit required in LOTE. The second credit of LOTE must be in the same language as the dual language immersion program.

Automatic Admission to a Texas Public University

In accordance with Texas Education Code (TEC), §51.803, a student is eligible for automatic admission to a Texas college or university as an undergraduate student if the applicant earned a grade point average in the top ten percent of the student's high school graduating class (top five percent for admission to the University of Texas at Austin) and the applicant:

1. Earned the Distinguished Level of Achievement (DLA) under the Foundation High School Program; or
2. Satisfied ACT's College Readiness Benchmarks on the ACT assessment or earned the SAT assessment 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 college or university to which the student seeks admission;
2. Meet all curriculum requirements for admission established by the college or university to which the student seeks admission; and
3. Provide a high school transcript or diploma that indicates, not later than the end of the student's junior year, whether the student has satisfied or is on schedule to satisfy the requirements of the DLA under the Foundation High School Program.

Once a student is admitted, a university may review a student's high school records to determine if the student is prepared for college-level coursework. A student who needs additional preparation may be required to take a developmental, enrichment, or orientation course(s) during the semester prior to the first semester of college.

Endorsements and Programs of Study for Graduation

Programs of Study allow students to focus on particular field in depth and help facilitate a seamless transition from secondary to postsecondary opportunities. Endorsements require students to complete a coherent sequence of four or more credits in their chosen endorsement, including three courses in the same career cluster and at least one advanced course. Elgin Independent School District offers the following Programs of Study to assist students and parents in selecting a coherent sequence of courses that meet the curriculum requirements for each endorsement. Students should select a Program of Study to ensure their sequence of courses meets graduation requirements for an endorsement. Please refer to course descriptions and prerequisites to verify selections.

To earn one or more endorsements, students must complete:

- a coherent sequence of four or more credits in their chosen endorsement
- at least three courses within the same program of study
- at least one advanced, Level 3, or Level 4 course

Arts & Humanities – Programs of Study

Course descriptions are listed under Fine Arts, Languages Other Than English (LOTE) and Social Studies sections of the Elgin High School Curriculum.

Arts & Humanities	**9th Grade**	**10th Grade**	**11th Grade**	**12th Grade**
Dance[1]	Dance I	Dance II	Dance III	Dance IV
Instrumental	Band I	Band II	Band III	Band IV
Languages	Spanish I	Spanish II	Adv. Spanish III	AP Spanish IV
Social Studies[2]	World Geography	World History	US History	Government/Econ
Theatre	Theatre Arts I	Theatre Arts II	Theatre Arts III	Theatre Arts IV
Visual Arts	Art I	Art II	Art III	Art IV, AP Art, or AP Art History
Vocal	Choir I	Choir II	Choir III	Choir IV
Notes	[1]Dance 1 is a PE credit; students must complete at least one additional course within the Fine Arts offerings to earn an Arts & Humanities endorsement through the Dance Programs of Study. [2] Students must complete at least five social studies credits to earn an Arts & Humanities endorsement through the social studies Programs of Study.			

Business & Industry – Programs of Study

Course descriptions are listed under English Language Arts, Science, and Career, Technology, and Education sections of the Elgin High School Curriculum. *Italicized* courses are not offered in the 2025-2026 school year but are planned to be offered in subsequent school years as students progess through their selected Program of Study.

Business & Industry	**9th Grade**	**10th Grade**	**11th Grade**	**12th Grade**	**Industry Certification**
Animal Science	Principles of Agriculture, Food, and Natural Resources	Small Animal Management/Equine Science *and* Advanced Animal Science	Livestock Production	Veterinary Medical Application	Veterinary Assistant
				Advanced Animal Science	Elanco Fundamentals of Animal Science
Automotive and Collision Repair	Automotive Basics	Automotive Technology I	Automotive Technology II	Practicum in Transportation	ASE Automotive
Business Management	Principles of Business, Marketing, and Finance	Business Management	Global Business/ Virtual Business	Practicum in Business Management	NOCTI General Management
Culinary Arts	Principles of Hospitality	*Culinary Arts*	*Advanced Culinary Arts*	*Practicum in Culinary Arts*	
Cybersecurity	Principles of Information Technology	*Foundations of Cybersecurity*	*Digital Forensics*	*Cybersecurity Capstone*	
Digital Communications	Principles of Arts, Audio Video Technology, & Communications	Audio Visual Production I/Lab	Audio Visual Production II/Lab	Practicum Audio Visual Production	AdobeAssociate Premiere Pro
Electrical	Principles of Construction	Electrical Technology I	*Electrical Technology II*	*Practicum in Construction Technology*	
Entrepreneurship	Principles of Business, Marketing, and Finance	Entrepreneurship I (Incubator Entrepreneurship)	Entrepreneurship II	Practicum in Entrepreneurship	Entrepreneur-ship and Small Business
Food Science & Technology	Principles of Agriculture	Food Tech / Safety	Food Processing Lab *and* Agricultural Laboratory and Field Experience	Practicum in Agriculture, Food, and Natural Resources	Food Safety & Science Certification
Heating, Ventilation, and Air Conditioning	Principles of Construction	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II	Practicum in Construction Technology	Refrigerant Handling (EPA 608)
Advanced Journalism: Yearbook	Journalism	Advanced Journalism I: Yearbook	Advanced Journalism II: Yearbook	Advanced Journalism III: Yearbook	Not applicable
Manufacturing Technology*	Priciples of Manufacturing	*Metal Fabrication and Machining I*	*Metal Fabrication and Machining II*	*Practicum in Manufacturing*	

Plant Science	Principles of Agriculture Food and Natural Resources	Greenhouse Operation and Production *OR* Floral Design	Horticultural Science *OR* Advanced Floral Design	Advanced Plant and Soil Science	Texas State Floral Association
P-TECH: Welding (ACC)	PCC/EDU 1300 or POFT	College Courses in Welding	College Courses in Welding	College Courses in Welding	AWS D 1.1, AWS D 9.1, AA Degree
Welding	Introduction to Welding	Welding I	Welding II	Practicum in Manufacturing	AWS D1.1, AWS D9.1

*Please note: The addition of the Manufacturing Technology Programs of Study for the 2025-2026 school year will be dependent on the number of students who show interest in the program.

Multidisciplinary – Programs of Study

Course descriptions are listed throughout all sections of the Elgin High School Curriculum.

Multidisciplinary	**9th Grade**	**10th Grade**	**11th Grade**	**12th Grade**	**Industry Certification**
Advanced Placement	Advanced/AP courses	Advanced/AP courses	Advanced/AP courses	AP courses	Not applicable
Early College High School (ACC)	PCC/EDU 1300	College Courses	College Courses	College Courses	AA Degree

Public Services – Programs of Study

Course descriptions are listed under Special Program Courses, Science, and the Career, Technology, and Education sections of the Elgin High School Curriculum.

Public Services	**9th Grade**	**10th Grade**	**11th Grade**	**12th Grade**	**Industry Certification**
Healthcare Diagnostic and Therapeutic Services	Principles of Health Science	Health Science Theory	Medical Terminology	Anatomy & Physiology or Medical Assistant	Medical Assistant or Patient Care Technician
Health Sciences Academy (ACC)	Principles of Health Science	Health Science Theory	Anatomy & Physiology	Pathophysiology, college courses	Phlebotomy
Law Enforcement	Principles of Law, Public Safety, Corrections, and Security	Law Enforcement I	Law Enforcement II	Forensic Science	Level II Security Guard
Military	Navy National Defense Cadet Corps I	Navy National Defense Cadet Corps II	Navy National Defense Cadet Corps III	Navy National Defense Cadet Corps IV	Not applicable
Teaching & Training	Principles of Education	Child Development	Instructional Practices	Practicum in Education & Training	Educational Aide I

STEM – Programs of Study

Course descriptions are listed under the Mathematics, Science, Technology Applications, and Career, Technology, and Education sections of the Elgin High School Curriculum.

STEM	**9th Grade**	**10th Grade**	**11th Grade**	**12th Grade**	**Industry Certification**
Math[1]	Geometry	Algebra II	Precalculus	AP Calculus	Not applicable
Math & Science[2]	Geometry/ Biology	Algebra II/ Chemistry	Precalculus/ Physics	Advanced Math & Advanced Science	Not applicable
Programming & Software Development	Computer Science I	Computer Science II	AP Computer Science Principles	Computer Science III	CodeHS Python
Apple Swift Coding (ACC)	Computer Science I	Computer Science II	college courses	college courses	SWIFT Apple
Science[3]	Biology	Chemistry	Physics	Advanced Science	Not applicable
Notes	[1] Students must also take Chemistry and Physics to earn a STEM endorsement. Students that take Algebra I in 9th grade can still complete a STEM endorsement by taking Algebra I and Geometry in 9th grade. [2]Students must take three additional advanced courses from the math and science offerings [3]Students must also take Algebra II to earn a STEM endorsement.				

Phoenix High School Information

PHS Mission Statement and Purpose

Phoenix High School (PHS) is committed to providing appropriate and quality educational experiences that assist students in developing personal responsibility, successful academic behaviors, and positive relationships. PHS staff embraces the commitment to continuous improvement, collaboration, and accountability that will allow students to graduate prepared for continuing education or the workforce.

Phoenix High School is a competency-based alternative school for at-risk students in Elgin ISD and is registered as a state-accredited alternative campus with the Texas Education Agency (TEA). PHS seeks to prevent students from dropping out of school as well as to recover those who have already left the school system. It is not a disciplinary campus, and students are not placed by any other agency or school. Students graduating from Phoenix High School do so with the state high school diploma, meeting the requirements of the Foundation Graduation Program with Endorsements as set forth by the TEA. Phoenix High School does not offer a GED program. Teachers at PHS utilize a blended model of the district-adopted curriculum and computer-based education. This blended model of instruction allows for high levels of student accountability giving students a level of flexibility to move through requirements for courses.

Curriculum Philosophy and Framework

Phoenix High School differs from a traditional high school in how students attend their school day. Two attendance tracks allow for flexibility in how students schedule their school day. Students work with PHS faculty to develop personal "roadmaps" to graduation. They are expected to work at a pace that will allow them to graduate with their initial cohort while fulfilling state requirements for graduation. Students are expected to earn one-half credit every three weeks or three credits in a semester, even though many are able to complete additional classes. Successful completion of courses is based on students exhibiting competence in the subject areas through the completion of lessons and testing. Students have the ability to relearn and show mastery of all subjects. Students at Phoenix High School are required to take and pass the State of Texas Assessments of Academic Readiness (STAAR) exams and meet state and local course requirements to be eligible for graduation. STAAR End Of Course (EOC) exams will be administered to students based on the state testing calendar.

It is important that all parties in the application process know that Phoenix High School is a second chance for a student to stay in school and receive a full high school diploma. Phoenix High School will follow the policies and procedures set forth by the Elgin Independent School District, as contained in the Parent/Student Handbook and the Student Code of Conduct. If a student is not regularly attending class, is truant, or if the student is not ready for the individual responsibility that is required to perform, the student may be withdrawn from the school. There is a set criterion, and students will withdraw and return to Elgin High School if they receive three strikes. These criteria and strike system are outlined in the Phoenix High School handbook.

Elgin High School Curriculum

Curriculum Philosophy and Framework

Elgin Independent School District provides high school students with a well-balanced, rigorous curriculum that meets the requirements set forth by the Texas Education Agency (TEA).

A key focus of the Elgin ISD high school academic program is to make certain all students are prepared for graduation and post-secondary opportunities by focusing on the attainment of the essential skills in English Language Arts, Mathematics, Science, Social Studies, Career and Technical Education, and Fine Arts programming.

The instructional program delivered at the high school is based on the official curriculum defined by the state, known as the Texas Essential Knowledge and Skills (TEKS), and the College and Career Readiness Standards (CCRS), developed in collaboration between TEA and the Texas Higher Education Coordinating Board (THECB). The district has also adopted the TEKS Resource System as our framework for teaching the state standards. These learning standards are designed to represent a full range of knowledge and skills that students need to succeed in entry-level college courses, as well as in a wide range of majors and careers. By implementing these required standards, our schools will advance the mission of Texas to develop college and career-ready students.

In addition to certain required courses, students will earn at least one of the following endorsements:

- Arts & Humanities
- Business & Industry
- Public Services
- STEM
- Multidisciplinary

Grading and Evaluation

Report cards will be issued every nine weeks throughout the school year. In addition to report cards, the school will mail interim progress reports every three weeks.

English Language Arts Courses

The Foundation High School Program with Endorsements requires four English Language Arts (ELA) credits.

English I (8111)
Credit: 1, Full Year **Grade: 9-10**
Students develop a deeper understanding of foundational language skills, comprehension, response, multiple genres, author's purpose and craft, and inquiry and research. Students engage in activities that emphasize the interconnected nature of listening, speaking, reading, writing, and thinking. Students develop knowledge and skills while reading authentically and writing reflectively with increased complexity and nuance. Students read extensively from multiple literary genres and informational texts. (03220100)

English I for Speakers of Other Languages (ESOL I) (8118)
Credit: 1, Full Year **Grade: 9-12**
This course covers all the TEKS for English I, and uses ESL strategies designed for beginning ESOL students. Students engage in structured conversation for oral language development and in explicit instruction for mastery of the objectives. Strategic use of the student's first language facilitates academic development in English. This course counts as English I credit and student placement is determined by the Language Proficiency Assessment Committee. (03200600)

Advanced English I (8112)
Credit: 1, Full Year **Grade: 9-10**
This course is for students with high academic interest and a strong work ethic in English Language Arts. The advanced class serves as the foundation for the Advanced Placement Program, specifically for AP English III Language and Composition and AP English IV Literature and Composition. Emphasis is placed on developing students' skills in critical, analytical, and creative thinking, close reading, grammar, and composition. Students read extensively in multiple genres from diverse time periods and cultures. **Summer reading is required.** (03220100)

English II (8121)
Credit: 1, Full Year **Grade: 10-11**
Students develop a deeper understanding of foundational language skills, comprehension, response, multiple genres, author's purpose and craft, and inquiry and research. Students engage in activities that emphasize the interconnected nature of listening, speaking, reading, writing, and thinking. Students develop knowledge and skills while reading authentically and writing reflectively with increased complexity and nuance. Students read and write extensively from multiple genres, including literary and informational texts with an emphasis on world literature. (03220200)

English II for Speakers of Other Languages (ESOL II) (8128)
Credit: 1, Full Year **Grade: 10-12**
This course covers all the TEKS for English II and uses ESL strategies designed for beginning and intermediate ESOL students. Students engage in structured conversation for oral language development and explicit instruction for mastery of the objectives. Strategic use of the student's first language facilitate academic development in English. Course counts as English II credit and student placement is determined by the Language Proficiency Assessment Committee. (03200700)

Advanced English II (8122)
Credit: 1, Full Year **Grade: 10-11**
This course is for students with high academic interest and a strong work ethic in English Language Arts. The advanced class serves as the foundation for the Advanced Placement Program, specifically for AP English III Language and Composition and AP English IV Literature and Composition. Emphasis is placed on developing students' skills in critical, analytical, and creative thinking, grammar, and composition. Students read extensively in multiple genres from diverse time periods and cultures. **Summer reading is required.** (03220200)

English III (8131)
Credit: 1, Full Year **Grade: 11-12**
Students develop a deeper understanding of foundational language skills, comprehension, response, multiple genres, author's purpose and craft, and inquiry and research. Students engage in activities that emphasize the interconnected nature of listening, speaking, reading, writing, and thinking. Students develop knowledge and skills while reading authentically and writing reflectively with increased complexity and nuance. Students read extensively from multiple genres with an emphasis on American literature. (03220300)

AP English III Language and Composition (8132)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: None
In this course, critical and creative thinking skills are developed through the reading and critical analysis of literature and language, as well as, required reading, discussion, essays, and exams. Students are required to use rhetorical analysis, critical evaluation, and advanced writing techniques. Students read extensively in multiple genres from diverse time periods and cultures, with an emphasis on American writers. Students are required to take the AP Language and Composition exam at the conclusion of the course which may lead to college credit. **Summer reading is required.** (A3220100)

Dual Credit English III (8191)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
This college-level course is an in-depth writing and literature course which requires extensive essays, discussion, required reading, and exams. Critical and creative thinking skills are developed through reading and critical analysis of literature and language. (03220300)

English IV (8141)
Credit: 1, Full Year **Grade: 11-12**
Students develop a deeper understanding of foundational language skills, comprehension, response, multiple genres, author's purpose and craft, and inquiry and research. Students engage in activities that emphasize the interconnected nature of listening, speaking, reading, writing, and thinking. Students develop knowledge and skills while reading authentically and writing reflectively with increased complexity and nuance. Students read extensively from multiple genres with an emphasis on British literature. (03220400)

AP English IV Literature and Composition (8142)
Credit: 1, Full Year **Grade: 11-12**
This college-level course serves as a cursory survey of British literature. Critical and creative thinking skills are developed through the reading and in-depth analysis of various genres of literature through required readings, discussions, essays, and exams. Students examine literary works and analyze literary elements in relation to the contemporary experience and the times in which they were written. Students spend time writing advanced essays. **Summer reading is required. Students are required to take the AP Literature and Composition exam at the conclusion of the course which may lead to college credit**. (A3220200)

Dual Credit English IV (8196)
Credit: 1, Semester **Grade: 11-12**
Prerequisite: Complete ACC requirements and prerequisites, including TSI compliance, by deadlines
Students engage in activities that build on their prior knowledge and skills in order to strengthen their reading, writing, and oral language skills. In addition, students continue to address earlier standards as needed while they attend to standards for their grade level. Students read extensively from multiple genres with an emphasis on British literature. **Summer reading is required.** (03220400)

Elective ELA Courses

The courses listed below may be used for endorsement credits or elective credits. Students should verify the allocation of credits for the courses listed below with their counselor.

College Preparation ELA Course (8097)
Credit: 1, Semester **Grade: 12**
This course helps students prepare for college-level coursework in reading and writing and for the Texas Success Initiative (TSI) exam, which Texas public colleges and universities use to assess college readiness. Incoming seniors who do not meet college-ready benchmarks for Reading on EOC, PSAT, and/or SAT may be placed in this course. (CP110100)

Creative Writing (8172)
Credit: 1, Full Year **Grade: 10-12**
In this rigorous course, students demonstrate strong writing skills. The course includes student compositions such as fiction, short stories, poetry, and drama. (03221200)

Debate I (8162)
Credit: 1, Full Year **Grade: 9-12**
Controversial issues arise in aspects of personal, social, public, and professional life in modern society. Debate and argumentation are widely used to make decisions and reduce conflict. In this course, students develop skills in argumentation and debate about current issues, develop sound critical thinking, and sharpen communication skills. They acquire life-long skills for intelligently approaching controversial issues. (03240600)

Dual Credit Humanities I and II (8198, 8190)
Credit: 1, Semester **Grade: 9-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
A study of representative samples of literature, art, and music of various periods and cultures. The study of the interrelationships of the arts and their philosophies emphasizes an understanding of human nature and the values of human life. (03221600) (03221610)

Dual Credit Independent Studies in English (8199)
Credit: 1, Semester **Grade: 11-12**
In this course, students focus on a specialized area of study such as the work of a particular author or genre. Students read and write in multiple forms for a variety of audiences and purposes. Students plan, draft, and complete written compositions regularly and carefully examine their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. If this course is being used to satisfy requirements for the Distinguished Achievement Program, a student research/product must be presented before a panel of professionals or approved by the student's mentor. (03221800)

Journalism (8072)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Business & Industry – Advanced Journalism: Yearbook
In this course, students write in a variety of forms for a variety of audiences and purposes. Students plan, draft, and complete written compositions regularly, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students write in a variety of forms for a variety of audiences and purposes. Students become analytical consumers of media and technology to enhance their communication skills. Published work of professional journalists, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing. (03230100)

Advanced Journalism: Yearbook I, II, II (8073, 8074, 8075)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Journalism I
Program of Study: Business & Industry – Advanced Journalism: Yearbook
In this course, students communicate in a variety of forms such as print, digital, or online media for a variety of audiences and purposes. Students plan, draft, and complete written and/or visual communications regularly, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students become analytical consumers of media and technology to enhance their communication skills. In addition, students apply journalistic ethics and standards. Published works of professional journalists, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s) in one or more forms of media. (03230110, 03230120, 03230130)

Practical Writing Skills (8171)
Credit: 1, Full Year **Grade: 10-12**
This course provides additional writing support for students. This course emphasizes skills in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, the reading comprehension of informational text, and the effective use of vocabulary. Students are expected to understand the recursive nature of reading and writing. Students analyze and evaluate their own writing as well as the writing of others. (03221300)

Professional Communications (Speech) (8161)
Credit: 0.5, semester **Grade: 9-12**
This course enhances communication skills by learning and practicing verbal, non-verbal, and listening skills in interpersonal, group, and professional situations. Students prepare for college, job interviews, and work-related dialogues between customers, employers, and fellow employees. **This course satisfies the district speech requirement**. (13009900)

Dual Credit Public Speaking (8163)
Credit: 0.5, Semester **Grade: 9-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadline
In this course, students prepare and present public messages as well as analyze and evaluate the messages of others. Students gain skills in reading, writing, speaking, listening, and thinking while examining areas such as invention, organization, style, memory, and delivery. **This course satisfies the district speech requirement**. (03240900)

Reading I, II, III (8117, 8127, 8137)
Credit: 1, Full Year **Grade: 9-12**
This course is for students with severe reading difficulties identified by formal assessments. Students use a flexible range of metacognitive reading skills in both assigned and independent reading to understand an author's message. Students monitor comprehension, make complex inferences about text, and use textual evidence to support understanding. (03270700) (03270800) (03270900)

Research and Technical Writing (8173)
Credit: 1, Full Year **Grade: 11-12**
In this course, students develop the skills for writing persuasive and informative texts. This rigorous composition course asks students to skillfully research a topic(s) and present that information through a variety of media. (03221100)

Mathematics Courses

The Foundation High School Program with Endorsements requires four mathematics (math) credits.

Algebra I (8211)
Credit: 1, Full Year **Grade: 9-10**
Prerequisite: 8th grade Math or its equivalent
In this course, students expand their understanding of numbers, operations, quantitative reasoning, equations and inequalities, statistical relationships, and algebraic methods. Students learn about linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students connect functions and their associated solutions in both mathematical and real-world situations. Students use technology to collect and explore data and analyze statistical relationships. (03100500)

Algebra II (8231)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Algebra I
Program of Study: STEM – Math, Math and Science
In this course, students extend basic algebraic skills into new situations and broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations as well as connect functions to their inverses and associated equations and solutions. Students extend their knowledge of data analysis and numeric and algebraic methods and apply them to both mathematical and real-world problems. (03100600)

Advanced Algebra II (8232)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Algebra I
Program of Study: STEM – Math, Math and Science
This course is for students with high academic interest and a strong work ethic. In addition to the prescribed curriculum for Algebra II, this course addresses higher-level thinking and problem-solving skills. Also included are proof and theory of algebraic statements and analyzing and solving challenging problems. Graphing calculators are utilized extensively. This course prepares students for upper-level math classes including Statistics, Pre-Calculus, and Calculus. (03100600)

Geometry (8221)
Credit: 1, Full Year **Grade: 9 -12**
Prerequisite: Algebra I
Program of Study: STEM – Math, Math and Science
In this course, students develop deductive reasoning by using terms, postulates, definitions, and theorems. The course provides a mathematical model of the physical world and applies algebraic concepts to geometric situations with a more precise focus on terminology, symbolic representations, and the development of proofs. Students explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. (03100700)

Advanced Geometry (8222)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Algebra I
Program of Study: STEM – Math, Math and Science
This course is for students with high academic interest and a strong work ethic. In addition to the prescribed curriculum for Geometry, this course addresses high-level thinking and problem-solving skills with emphasis placed on formal proofs using deductive and inductive reasoning. This course prepares students for upper-level math courses. (03100700)

Pre-Calculus (8241)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Algebra I, Algebra II, and Geometry
Program of Study: STEM – Math, Math and Science
This course includes topics which traditionally follow algebra and geometry courses including polynomials, exponential, logarithmic, and circular functions, and their combinations. Students use functions, equations, and limits as useful tools for expressing generalizations and as means for analyzing and understanding a broad variety of mathematical relationships. Students also use functions as well as symbolic reasoning to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations. (03101100)

OnRamps Precalculus (Advanced) (8242)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Algebra I, Algebra II, and Geometry
Program of Study: STEM – Math, Math and Science
This course is designed for students with high academic interest and a strong work ethic and covers topics which traditionally follow Algebra and Geometry courses including polynomials, exponential, logarithmic and circular functions, and their combinations. Students use functions, equations, and limits as useful tools for expressing generalizations and as means for analyzing and understanding a broad variety of mathematical relationships. Students also use functions as well as symbolic reasoning to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations. Emphasis will be placed on skills necessary to be successful in AP Calculus. Students may be eligible to dually enroll at The University of Texas and earn college credit in this course. At the end of the course, the university's Instructor of Record awards students the appropriate grade based on their performance for the college course. The high school teacher separately awards credit for the grade earned in the high school course, which may differ from that for the college course. (03101100)

AP Calculus (8243)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Pre-Calculus
Program of Study: STEM – Math, Math and Science
This college-level course prepares students to take the AP Calculus AB Exam for possible college credit. It is equivalent to the first semester of college Calculus and includes practical applications of Calculus. Topics include limits and continuity of functions; derivatives and their applications; definite integrals and their applications; and elementary techniques and applications of anti-differentiation, including differential equations and slope fields. Students who plan to major in science, engineering, or business should consider taking this course. Students are required to take the Advanced Placement Calculus Exam at the conclusion of the course. (A3100101)

Additional Math Courses

In accordance with TAC 74.12 and TAC 74.13, the courses listed below may be used to meet the third and/or fourth credit in mathematics graduation requirement. The courses may also be used for endorsement credits or elective credits. Students should verify the allocation of credits for the courses listed below with their counselor.

Advanced Quantitative Reasoning (8261)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Algebra II and Geometry
In this course, students expand their mathematical understandings through further mathematical experiences including the analysis of information using statistical methods and probability, modeling change and mathematical relationships, and spatial and geometric modeling for mathematical reasoning. Students become critical consumers of real-world quantitative data, knowledgeable problem solvers who use logical reasoning, and mathematical thinkers who can use their quantitative skills to solve authentic problems. (03102510)

Algebraic Reasoning (8266)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Algebra I
In this course, students build on the knowledge and skills for mathematics and Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets. (03102540)

Dual Credit College Algebra (8292)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Algebra II, and complete ACC requirements, including TSI compliance, by deadlines
A course designed for students majoring in business, mathematics, science, engineering, or certain engineering-related technical fields. Content includes the rational, real, and complex number systems; the study of functions including polynomial, rational, exponential, and logarithmic functions and related equations; inequalities; and systems of linear equations and determinants. (IHE11100)

Dual Credit College Math (8293)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: complete ACC requirements, including TSI compliance, by deadlines
A topics-based course, with a variety of possible topics chosen by individual instructors, including sets, logic, number theory, geometry, probability and statistics, and the mathematics of finance and social choice. This course is not algebra-intensive and is designed for non-technical majors. (03102500)

College Preparation Math Course (8098)
Credit: 1, Semester **Grade: 12**
Prerequisite: Algebra I, Geometry, and an advanced math course, seniors not meeting college readiness indicators
This course helps students get ready for college-level coursework in math. Incoming seniors who do not meet college-ready benchmarks for Math on EOC, PSAT, SAT, and/or TSI may be placed in this course. (CP111200)

Mathematical Models with Applications (8251)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Algebra I
In this course, students build on Algebra I and Geometry concepts as they expand their understanding through other mathematical experiences. Students solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Several units focus on personal income, credit, and financial planning. (03102400)

Statistics (8265)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Algebra I
In this course, students build on the knowledge and skills for mathematics and broaden their knowledge of variability and statistical processes. Students study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students connect data and statistical processes to real-world situations and extend their knowledge of data analysis. (03102530)

OnRamps Statistics (Advanced) (8262)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Algebra I
Program of Study: STEM – Math, Math and Science
This college-level course is equivalent to a one-semester introductory college course in statistics. Students should have a solid foundation in algebra prior to enrollment. This course introduces students to four major conceptual themes: observing and exploring data; planning a statistically valid investigation; anticipating patterns and using probability and simulations for predicting outcomes; and confirming or rejecting models through statistical inference. Technology is an integral part of the course. Graphing calculators and computers are the primary tools for data analysis. Students may be eligible to dually enroll at The University of Texas and earn college credit in this course. At the end of the course, the university's Instructor of Record awards students the appropriate grade based on their performance for the college course. The high school teacher separately awards credit for the grade earned in the high school course, which may differ from that for the college course. (A3100200)

Dual Credit Statistics (8295)
Credit: 1, Semester **Grade: 11-12**
Prerequisite: Algebra I, and complete ACC requirements, including TSI compliance, by deadlines.
A first course in statistics for students in business; nursing; allied health; or the social, physical, or behavioral sciences; or for any student requiring knowledge of the fundamental procedures for data organization and analysis. Topics include frequency distributions, graphing, measures of location and variation, and binomial and normal distributions. (03102530)

Science Courses

The Foundation High School Program with Endorsements requires four science credits.

Biology (8311)
Credit: 1, Full Year **Grade: 9-10**
Program of Study: STEM – Science, Math and Science
In this course, students study topics that include structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment. (03010200)

Advanced Biology (8312)
Credit: 1, Full Year **Grade: 9-10**
Program of Study: STEM – Science, Math and Science
In this course, students conduct laboratory and field investigations throughout the year. Many of the concepts are the same as those in Biology, except the presentation is accelerated and more detailed. (03010200)

Integrated Physics and Chemistry (IPC) (8361)
Credit: 1, Full Year **Grade: 10-11**
In this course, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions while using critical thinking and scientific problem-solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter. (03060201)

Chemistry (8321)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Algebra I and one credit of high school science
Program of Study: STEM – Science, Math and Science
In this course, students study characteristics of matter, use the Periodic Table, understand the development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students investigate how chemistry is an integral part of our daily lives. (03040000)

Advanced Chemistry (8322)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Algebra I and one credit of high school science
Program of Study: STEM – Science, Math and Science
In this course, students conduct laboratory and field investigations throughout the year. Many of the concepts are the same as those in Chemistry, except the presentation is accelerated and in more detail. Students should expect a faster class pace, more in-depth classroom instruction, increased amount of reading, and overall greater academic expectations of assignments and time management. (03040000)

Physics (8331)
Credit: 1, Full Year **Grade: 11-12**
Recommended Prerequisite: Algebra I
Program of Study: STEM – Science, Math and Science
In this course, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills. (03050000)

AP Physics I (Algebra-based) (8333)
Credit: 1, Full Year **Grade: 11-12**
Recommended Prerequisite: Algebra I and Geometry
Program of Study: STEM – Science, Math and Science
This course is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory simple circuits. Through inquiry-based learning, students develop scientific critical thinking and reasoning skills. Students are required to take the Advanced Placement Exam at the conclusion of the course. (A3050003)

AP Biology (8341)
Credit: 1, Full Year **Grade: 11-12**
Recommended Prerequisites: Biology and Chemistry
Program of Study: STEM – Science, Math and Science
This college-level course prepares students to take the AP Biology exam for possible college credit. Laboratory techniques are developed to further students' ability to pursue a career in a biologically related field. Students conduct laboratory investigations of chemical reactions that occur in organisms. Concepts of molecular and cellular biology, as well as the biology of organisms and populations, are investigated. Students are required to take the Advanced Placement Biology Exam at the conclusion of the course. (A3010200)

AP Chemistry (8320)
Credit: 1, Full Year **Grade: 11-12**
Recommended Prerequisites: Algebra II, and Chemistry or Advanced Chemistry
Program of Study: STEM – Science, Math and Science
In this course, students develop advanced inquiry and reasoning skills, data collection and analysis, and connecting concepts in and across scientific Domains with an emphasis on scientific practices. Students are required to take the Advanced Placement Exam at the conclusion of the course. (A3040000)

Environmental Systems (8351)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: one credit high school life science and one credit high school physical science
In this course, students conduct field and laboratory investigations, use scientific methods during investigations and make informed decisions using critical thinking and scientific problem-solving. Students study a variety of topics that include biotic and abiotic factors in habitats, ecosystems, and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems; and changes in environments. (03020000)

Dual Credit Environmental Systems (8391)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
An overview of environmental science and current global concerns, exploring scientific, economic, social, and political solutions to environmental problems. Discussion of the history of the environmental movement, environmental regulatory agencies, fundamental principles of resources and their use, population, conservation, and environmental health. A field trip may be required. (03020000)

Earth Systems Science (8372)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Algebra I and two credits high school science
This course is designed to build on students' prior scientific and academic knowledge and skills to develop their understanding of Earth's systems. These systems (the atmosphere, hydrosphere, geosphere, and biosphere) interact through time to produce the Earth's landscapes, climate, and resources. Students explore the geologic history of individual dynamic systems through the flow of energy and matter, their current states, and how these systems affect and are affected by human use. (03060150)

Additional Science Courses
The courses listed below may be used to meet the fourth science credit for graduation requirements. The courses may also possibly be used for endorsement credits or elective credits. Students should verify the allocation of credits for the courses listed below with their counselor.

Advanced Animal Science (8002)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Biology, Chemistry or IPC; Algebra I and Geometry; either Small Animal Management, Equine Science, or Livestock Production
Program of Study: Business & Industry - Animal Science
This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and lab experiences. Students learn about animal health and services with classroom and hands-on experiences, including shadowing at various local businesses. Students travel to MD Anderson Research Center, Elgin Veterinary Hospital, and Elgin Breeding Service, to learn about various techniques in veterinary medicine. (13000700)

Advanced Plant and Soil Science (8003)
Credit: 1, Full Year **Grade: 11-12**
Prerequisites: Biology, IPC, Chemistry, or Physics; a minimum of one credit in the Agriculture, Food, and Natural Resources cluster required
Program of Study: Business & Industry - Plant Science
This course is designed to involve students with horticulture (plant) sciences with an emphasis on hands-on skills while teaching students about career opportunities using plants in horticulture. In addition to caring for and experimenting with plants in the greenhouse, students conduct investigations, laboratory practices, and field exercises to develop an understanding of plant and soil science. (13002100)

Anatomy and Physiology (8342)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Biology and a second science credit
Program of Study: Public Services – Health Science and STEM – Science, Math and Science
In this course, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. (13020600)

Forensic Science (8371)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Biology & Chemistry
Recommended Prerequisite: Principles of Law, Public Safety, Corrections and Security; Law Enforcement I
Program of Study: Public Services – Law Enforcement
This course provides a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminalist behavior. Students learn basic terminology and investigative procedures related to crime scenes, question building, interviewing, criminal behavior characteristics, truth detection methodology, and scientific procedures used to solve crimes. Students have the opportunity to collect and analyze evidence through case studies and mock crime scenes. Lab activities are based on crime scene scenarios and analyzing fingerprints, ballistics, and blood spatter. Students will learn about the history, legal aspects of forensic science, and career options available in the forensic field. (13029500)

Social Studies Courses

The Foundation High School Program with Endorsements requires three social studies credits. Elgin Independent School District strongly recommends students take four social studies credits.

World Geography Studies (8411)
Credit: 1, Full Year **Grade: 9-10**
Program of Study: Arts & Humanities – Social Studies
In this course, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography and describe the influence of geography on events of the past and present with an emphasis on contemporary issues. Students also analyze how location affects economic activities in different economic systems, identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies, compare how components of culture shape the characteristics of regions, and analyze the impact of technology and human modifications on the physical environment, and use problem-solving and decision-making skills to ask and answer geographic questions. (03320100)

AP Human Geography (8461)
Credit: 1, Full Year **Grade: 9-10**
Program of Study: Arts & Humanities – Social Studies
This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine the human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Students are required to take the Advanced Placement Human Geography exam at the conclusion of the course. Note: This couse satisifies the graduation requirment for World Geography. Students may take either World Geography or AP Human Geography. They will not receive credit for both. (A3360100)

World History (8421)
Credit: 1, Full Year **Grade: 10-11**
Program of Study: Arts & Humanities – Social Studies
This course is a survey of the history of humankind. Due to the expanse of world history and the time limitations of the school year, the scope of this course focuses on essential concepts and skills that can be applied to various eras, events, and people. Students examine the impact of geographic factors on major historical events and identify the historical origins of contemporary economic systems. Students analyze the process by which constitutional governments evolved as well as the ideas from historical documents that influenced that process. Students trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. Students analyze the connections between major developments in science and technology and the growth of industrial economies and use the process of historical inquiry to research, interpret, and use multiple sources of evidence. (03340400)

AP World History (8427)
Credit: 1, Full Year **Grade: 10-11**
Program of Study: Arts & Humanities – Social Studies
This course develops students' understanding of significant people, events, and issues from earliest times to present in civilizations around the world, including evolving processes, and human contact and interactions. Recognizing and understanding cause and effect relationships, multiple causation, trends, themes, and interactions, and the importance of both change and continuity in shaping human events is stressed. Students are required to take the Advanced Placement World History Studies exam at the conclusion of the course. This course satisifies the graduation requirement for World History. (A3370100)

U.S. History since Reconstruction (8431)
Credit: 1, Full Year **Grade: 10-12**
Program of Study: Arts & Humanities – Social Studies
This course is based on the founding documents of the U.S. government, which provide a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights. Students examine the impact of geographic factors on major events and eras and analyze their causes and effects. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic process. Students describe the relationship between the arts and popular culture and the times during which they were created. Students analyze the impact of technological innovations on American life. Students use critical thinking skills and a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context. (03340100)

AP U.S. History (8432)
Credit: 1, Full Year **Grade: 10-12**
Program of Study: Arts & Humanities – Social Studies
This college-level course prepares students to take the AP U.S. History exam for possible college credit. The class surveys the period from the first European explorations to the present stressing political institutions, behavior, public policy, social and economic change, diplomacy and international relations, and cultural and intellectual developments. Recognizing and understanding cause and effect relationships, multiple causation, trends, themes, and interactions, and the importance of both change and continuity in shaping human events is stressed. Analytical essays and research papers are required. Students are required to take the Advanced Placement U.S. History exam at the conclusion of the course. This course satisifies the graduation requirement for U.S. History. (A3340100)

Dual Credit U.S. History I (Special Topics in Social Studies) (8498)
Credit: 0.5, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
Program of Study: Arts & Humanities – Social Studies
In this course, students study the history of the United States to 1877. Students are expected to take this course and Dual Credit U.S. History 8491. **This course does not meet the state requirement for U.S. History. Students must take Dual Credit U.S. History II for that requirement.** (03380002)

Dual Credit U.S. History II (8491)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
Program of Study: Arts & Humanities – Social Studies
A study of the history of the United States from 1877 to present. This course replaces U.S. History 8431, which is required for graduation. **This course satisfies the graduation requirement for U.S. History.** (03340100)

U.S. Government (8441)
Credit: 0.5, Semester **Grade: 11-12**
Program of Study: Arts & Humanities – Social Studies
This course focuses on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. This course is the culmination of the civic and governmental content and concepts studied from Kindergarten through required secondary courses. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems. Students identify the role of government in the U.S. free enterprise system and examine the strategic importance of places to the United States. (03330100)

AP U.S. Government and Politics (8442)
Credit: 0.5, Semester **Grade: 11-12**
Program of Study: Arts & Humanities – Social Studies
This course involves the study of democratic ideas, the balance of powers, and tension between the practical and ideal in national policymaking. Students analyze and discuss the importance of various constitutional principles, rights and procedures, institutions, and political processes that impact us as citizens. Students are required to take the Advanced Placement U.S. Government and Politics exam at the conclusion of the course. This course satisifies the graduation requirement for Government.(A3330100)

Dual Credit U.S. Government (8493)
Credit: 0.5, Semester **Grade: 11-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
Program of Study: Arts & Humanities – Social Studies
This course focuses on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. Students learn major political ideas and forms of government in history. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems. Students who qualify for dual credit can earn college credit hours by taking this course. This course satisifies the graduation requirement for Government.(03330100)

Economics (8541)
Credit: 0.5, Semester **Grade: 11-12**
Program of Study: Arts & Humanities – Social Studies
Economics focuses on the Free Enterprise System and its benefits including principles of production, consumption, and distribution of goods and services. Students research the problem of scarcity in the United States and compare it with those in other countries around the world. Students apply critical thinking skills to create economic models and evaluate economic patterns. (03310300)

Personal Financial Literacy and Economics (8547)
Credit: 0.5, Semester **Grade: 12**
This course provides a foundation in both microeconomics and macroeconomics. Students survey the impact of demand, supply, various industry structures, and government policies on the market for goods, services, and wages for workers. This course looks at economic systems with an emphasis on free enterprise markets, goals of full employment, price stability, and growth while examining problems such as unemployment and inflation and the policies enacted to address them. This integrative course applies the same economic way of thinking to make personal choices about how to allocate scarce resources in an economy. Students demonstrate critical thinking by exploring how to invest in themselves with education and skill development, earn income, and budget for spending, saving, investing, and protecting. Students examine their responsibility for managing their finances and understand the impact on their standard of living and long-term financial well-being. Further, students connect how their financial decision-making impacts the greater economy. **This course satisfies the graduation requirement for Economics .** (03380083)

AP Macroeconomics (8549)
Credit: 0.5, Semester **Grade: 11-12**
Program of Study: Arts & Humanities – Social Studies
AP Macroeconomics is an introductory college-level macroeconomics course. Students understand the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies. (A3310200)

Dual Credit Economics (8591)
Credit: 0.5, Semester **Grade: 11-12**
Prerequisite: Complete ACC requirements, including TSI reading and math compliance, by deadlines
Program of Study: Arts & Humanities – Social Studies
Economics focuses on the Free Enterprise System and its benefits including principles of production, consumption, and distribution of goods and services. The student will research the problem of scarcity in the United States and a comparison with those in other countries around the world. Students apply critical thinking skills to create economic models and evaluate economic patterns. (03310300)

Elective Social Studies Courses
The courses listed below may be used for endorsement credits or elective credits. Students should verify the financial location of credits for courses listed below with their counselor.

Personal Financial Literacy (8540)
Credit: 0.5, Semester **Grade: 10-12**
In this course, students apply critical thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and postsecondary education and training. There are many references to conducting a cost-benefit analysis for spending and investing decisions. Students evaluate the necessity of the purchase, the quality or value of the purchase or investment compared to other alternatives, and the total cost of acquisition, particularly in the context of financing options. Students also understand the power of both compound growth on investments and compound interest on debt and how these concepts affect the ability to build wealth over time. (03380082)

AP Psychology (8496)
Credit: 0.5, Semester **Grade: 10-12**
This course explores the ideas, theories, and methods of the scientific study of behavior and mental processes. Students examine the concepts of psychology through reading and discussion and analyze data from psychological research studies. This is a companion course to Special Topics in Social Studies.(A3350100)

Special Topics in Social Studies (8471)
Credit: 0.5, Semester **Grade: 10-12**
In this elective course, students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. Students use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches while recognizing and appreciating diverse human perspectives. This is a companion course to AP Psychology. (03380002)

Dual Credit Psychology (8090)
Credit: 0.5, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
Students survey introductory topics such as learning, memory, sensation and perception, personality, life-span development, the physiological basis of behavior, stress, and health, psychological disorders, social psychology, and research methods. (03350100)

Dual Credit Sociology (8091)
Credit: 0.5, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
This introductory course focuses on social behavior and organization of human society. This course describes the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students also learn the importance and role of culture, social structure, socialization, and social change in today's society. (03370100)

Dual Credit Texas State and Local Government (8499)
Credit: 0.5, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
This course introduces Texas state and local government, including a framework for understanding Texas government and politics and the constitutional basis for the processes, institutions, and the policies of Texas government and politics. (03380022)

Languages Other Than English Courses

The Foundation High School Program with Endorsements requires two Languages Other Than English (LOTE) credits in the same language.

Spanish I (8811)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Arts & Humanities - LOTE
This course helps students acquire novice proficiency in listening, speaking, reading, and writing in the target language. They participate in simple conversations, show an understanding of audios/videos in Spanish, and write and read novice-level paragraphs and articles in the target language. Also, they acquire general language skills and are exposed to the cultural facts of Spanish-speaking countries. (03440100)

Advanced Spanish for Spanish Speakers I (8816)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Heritage Spanish speaker who possesses a wide range of communicative abilities in the language. This is an accelerated course.
Program of Study: Arts & Humanities - LOTE
This course is designed for students for whom Spanish is a native or heritage language. Students expand their existing proficiency and develop their reading and writing skills. Orthography, diacritics, and vocabulary development are stressed. Emphasis is placed on the usage of language appropriate to academic and professional settings. (03440110)

Spanish II (8821)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Successful completion or demonstration of equivalent proficiency of Level I
Program of Study: Arts & Humanities - LOTE
This course improves students' skills in the areas of listening, speaking, reading and writing as well as to help them acquire cultural knowledge of the Spanish speaking world. Students explore grammatical structures so that students can understand and communicate information in the past, present, and future; summarize both oral and written texts verbally and in writing; and express opinions in the target language. Students read, discuss, and write about newspaper and magazine articles, music lyrics, short stories, literary excerpts, and a variety of short videos. (03440200)

Advanced Spanish II (8822)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Successful completion or demonstration of equivalent proficiency of Level I
Program of Study: Arts & Humanities - LOTE
This course is designed for students with high academic interest and a strong work ethic in Spanish. The advanced course serves as the foundation for the Advanced Placement Program. This course improves students' skills in the areas of listening, speaking, reading, and writing as well as helps them acquire cultural knowledge of the Spanish-speaking world. Students explore grammatical structures so that students can understand and communicate information in the past, present, and future; summarize both oral and written texts verbally and in writing; and express opinions in the target language. Students read, discuss, and write about newspaper and magazine articles, music lyrics, short stories, literary excerpts, and a variety of short videos. (03440200)

Advanced Spanish for Spanish Speakers II (8826)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Heritage Spanish speaker who possesses a wide range of communicative abilities in the language. This is an accelerated course. Successful completion or demonstration of equivalent proficiency of Level I
Program of Study: Arts & Humanities - LOTE
This course is designed for students for whom Spanish is a native or heritage language. Students expand their existing proficiency and develop their reading and writing skills. Orthography, diacritics, and vocabulary development are stressed. Emphasis is placed on the usage of language appropriate to academic and professional settings. (03440220)

Advanced Spanish III (8832)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Successful completion or demonstration of equivalent proficiency of Level II
Program of Study: Arts & Humanities - LOTE
In this course, students communicate at a more sophisticated level in the four basic language skills: listening, speaking, reading, and writing. Students explore cultural facts about the Spanish-speaking world. Students review pre-required topics, and then discuss and write about a variety of texts and ideas; respond appropriately to socially complex situations; and explore the cultural differences and similarities between Spanish-speaking countries and the rest of the world. Students read, discuss, and write about newspaper and magazine articles, music lyrics, short stories, fables, legends, poems, literary excerpts, short videos, movies, and their main interests. (03440300)

Dual Credit Spanish I, II, III, IV (8891, 8892, 8893, 8894)
Credit: 1, Semester **Grade: 9-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines.
Program of Study: Arts & Humanities - LOTE
The study of fundamentals of Spanish, including conversation, writing, listening and reading comprehension, vocabulary, grammar, and culture. (03440100, 03440200, 03440300, 03440400)

AP Spanish IV Language and Culture (8842)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Successful completion or demonstration of equivalent proficiency of Spanish Level III
Program of Study: Arts & Humanities - LOTE
This course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. This course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. Students explore culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions, etc.), practices (patterns of social interactions within a culture), and perspectives (values, attitudes, and assumptions). Students are required to take the Advanced Placement Spanish Language and Culture Exam at the end of the course. (A3440100)

AP Spanish V Literature and Culture (8848)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Successful completion or demonstration of equivalent proficiency of Spanish Level IV
Program of Study: Arts & Humanities - LOTE
This course introduces students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism, etc.). (A3440200)

Computer Science I (8571)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite or corequisite: Algebra I
Program of Study: STEM – Programming & Software Development
Note – This course can count as a required LOTE credit for graduation
In this course, students design, implement, and present meaningful programs through a variety of media. Students collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. (03580200)

Computer Science II (8572)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Algebra I, Computer Science I or AP Computer Science Principals
Program of Study: STEM – Programming & Software Development
Note – This course can count as a required LOTE credit for graduation
In this course, students design, implement, and present meaningful programs through a variety of media. Students collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. (03580300)

AP Computer Science Principles (8510)
Credit: 1, Full Year **Grade: 10-12**
Recommended Prerequisite: Algebra I
Program of Study: STEM – Programming & Software Development
Note – This course can count as a required LOTE credit for graduation
This college-level course prepares students to take the AP Computer Science Principles exam for possible college credit. AP Computer Science Principles introduces students to the fundamentals of computing and the creative aspects of programming. This course is designed to help students experience the relevance of computing skills to their post-secondary plans. Students are required to take the Advanced Placement Computer Science Exam at the conclusion of the course. (A3580300)

Physical Education (PE) Courses

The Foundation High School Program with Endorsements requires one physical education credit.

UIL Athletic Program

The Elgin High School UIL Athletic Program is organized to provide students an opportunity to express themselves in the physical activity of interschool competitions. Students are involved in learning the fundamentals of the sport as well as conditioning and weight lifting. Athletics at the high school is highly competitive. When enrolled in athletics, the practice of that sport is every day during the athletic period. When the sport is in its competitive season, the athlete also practices an additional 1 ½ - 2 hours after school. Students MUST have prior approval for the athletic period. Indicate on the choice sheet which sport(s) you plan to compete in.

Students must have a medical physical and drug testing form on file with the athletic department to be enrolled in an athletic class. This is a UIL rule that mandates all incoming 9th and 11th graders or new students to the program have a physical on file that will be good for two school years. In addition, Elgin ISD implements a mandatory random drug-testing program for students in grades 6-12 who are involved in any school-sponsored extracurricular activity and who hold a permit to park a vehicle on campus. Each student and his or her parent or guardian is required to give written permission for student drug testing in order to participate in school-sponsored extracurricular activities or park at the school.

Boys' Athletics: Football, Basketball, Baseball (8701, 8702, 8703, 8704)
Boys' Soccer (8705, 8706, 8707, 8708)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Prior Approval and Physical on File
9th Grade: (PES00000), 10th Grade: (PES00001), 11th Grade: (PES00002), 12th Grade: (PES00003)

Girls' Athletics: Volleyball, Basketball, Softball (8751, 8752, 8753, 8754)
Girls' Soccer (8705, 8706, 8707, 8708)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Prior Approval and Physical on File
9th Grade: (PES00000), 10th Grade: (PES00001), 11th Grade: (PES00002), 12th Grade: (PES00003)

PE Lifetime Fitness and Wellness Pursuits (8771)
Credit: 1, Full Year **Grade: 9-12**
This course offers approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students apply the knowledge and skills to concepts needed to achieve lifetime wellness. Students participate in a variety of physical activities to attain personal fitness and lifetime wellness. (PES00051)

PE Lifetime Recreation and Outdoor Pursuits (8775)
Credit: 1, Full Year **Grade: 9-12**
In this course, students develop competency in five or more lifelong recreational and outdoor pursuits for enjoyment and challenge. Students participate in activities that promote physical literacy, respect for and connection to nature and the environment, and opportunities for enjoyment for a lifetime. Students experience opportunities that enhance self-worth and support community engagement. (PES00053)

PE Skill-Based Lifetime Activities (8776)
Credit: 1, Full Year **Grade: 9-12**
In this course, students demonstrate mastery of basic sports skills, basic sports knowledge, and health and fitness principles. Students experience opportunities that promote physical literacy and lifetime wellness. (PES00056)

Additional PE Courses

Cheerleading I, II (8783, 8784)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Prior Approval and Physical on File
Students are involved in learning the fundamentals of the sport as well as an appreciation for teamwork. Cheerleading I counts as a P.E. equivalent credit (PES00013); II will count as local credit (84200CHR).

Dance I (8790- PE credit), (8786- Fine Arts credit)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Arts & Humanities – Dance
This course introduces students to the fundamental skills of recreational dancing as well as dance history, terminology, choreography, and costuming. Students learn the basics of various dance styles (modern, lyrical, jazz, hip-hop, etc.) and how to evaluate and understand them as a performing art and transmitter of culture. Dance I as a fine arts credit (03830100); Dance I as a PE credit (PES00014)

Dance Team Production I (8795)
Credit: 1, Full Year **Grade: 9-11**
Program of Study: Arts & Humanities – Dance
This course is designed for students who plan to try out for Elgin's Purple Diamonds dance team. The course covers basic techniques of dance and stretching with auditions for Purple Diamonds taking place in the fall semester. Dance Team I as a fine arts credit (03833700); Dance Team I as a PE credit (PES00014)

Marching Band I, II (8912, 8922)
Credit: 0.5, Fall Semester **Grade: 9-12**
The Wildcat Marching Band performs at all Elgin High School Football games, multiple marching contests, parades, and UIL events. A student must take two semesters of Marching Band to equal one physical education credit. Students interested in Colorguard should register for Marching Band. Colorguard incorporates elements of dance combined with spinning/tossing/dancing with apparatus such as flags, rifles, and sabres to interpret the music and add to the visual component of the Wildcat Marching Band. Marching band I and II count as a P.E. equivalent credit (PES00012)

Navy National Defense Cadet Corps (NNDCC) I (8791)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Public Services – Military
This class serves as the foundation of Navy ROTC and introduces students to the NNDCC Program, its background, and mission. The curriculum includes citizenship, American government, naval ships, wellness, fitness, and first aid. Cadets presenting evidence of successful completion of at least 3 years in NNDCC are entitled to advanced promotion to pay grade E-3 upon initial enlistment in an active or reserve component of the Army, Navy, or Air Force, and pay grade E-2 in the Marine Corps. (PES00004)

Special Programs & Courses

The courses below are for elective credit.

Office Aide, Library Aide, Teacher Aide, or Counselor Aide (8087)
Credit: None **Grade: 12**
Prerequisite: up-to-date on all credits, passed all EOC assessments, no outstanding credit recovery, met post-secondary readiness indicators, good attendance, and written approval from a counselor, administrator, & parent
This course is an independent study class and is open only to seniors. Students are expected to be able to fulfill duties and responsibilities common to professional environments such as using skills for effective communication and information management as well as understanding social ramifications related to privacy, values, and ethics. Course does not count towards graduation. (85000OFF) (85000LIB) (85000TEA) (85000CSL)

College Test Preparation English (8671)
Credit: 0.5, Semester **Grade: 11-12**
This course prepares students for college readiness assessments. Specific assessments covered depend on student goals and may include SAT, ACT, and TSI. Emphasis is on the reading and writing components of these exams. Note this course is for local credit only. (85000TSI)

College Test Preparation Mathematics (8672)
Credit: 0.5, Semester **Grade: 11-12**
This course prepares students for college readiness assessments. Specific assessments covered depend on student goals and may include SAT, ACT, and TSI. Emphasis is on the mathematical components of these exams. Note this course is for local credit only. (85000TSI)

Methodology for Academic and Personal Success (MAPS) (8675)
Credit: 1.0, Semester **Grade: 9**
This course focuses on the skills and strategies necessary for students to make a successful transition into high school and an academic career. The course focuses on self-understanding, decision-making, resiliency, attitude, character education, and leadership to help students maximize personal achievement. Students develop strategies necessary to achieve personal and professional goals. The course emphasizes proactive problem-solving, self-determination, and independent thinking and learning skills. As part of goal-setting and leadership activities, students may complete a community service learning experience in addition to class assignments. **This is a required course for all freshmen**. (N1130021)

Navy National Defense Cadet Corps (NNDCC) I (8791)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Public Services – Military
This class serves as the foundation of Navy ROTC and introduces students to the NNDCC Program, its background, and mission. The curriculum includes citizenship, American government, naval ships, wellness, fitness, and first aid. Cadets presenting evidence of successful completion of at least 3 years in NNDCC are entitled to advanced promotion to pay grade E-3 upon initial enlistment in an active or reserve component of the Army, Navy, or Air Force, and pay grade E-2 in the Marine Corps. (PES00004)

Navy National Defense Cadet Corps (NNDCC) II, III, IV (8792, 8793, 8794)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: NNDCC I
Program of Study: Public Services – Military
These courses explore each subject in greater detail with an emphasis on leadership theory, styles, and principal. (03160200) (03160300) (03160400)

Off Campus/Early Release (8082)
Credit: None **Grade: 12**
Prerequisite: up-to-date on all credits, passed all EOC assessments, no outstanding credit recovery, met post-secondary readiness indicators, good attendance, and written approval from a counselor, administrator, & parent
When deciding to choose an off campus period, students must be enrolled in at least five credit courses during a semester to be eligible for participation in UIL activities. A maximum of two off-campus periods may be selected from the three periods that are available. Students in danger of not graduating will not receive approval. This course does not count toward graduation. (85000EAR)

Path to College & Career I (8581)
Credit: 1, Full Year **Grade: 9**
Prerequisite: ECHS student
This course advances intellectual curiosity, conscientiousness, dependability, emotional stability, and perseverance through tasks that foster deeper levels of thinking and reasoning in the four core content areas. Students develop habits and skills that are expected in college and the workforce. (N1290051)

Path to College & Career II, III, IV (8582, 8583, 8584)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: ECHS student
These courses advance intellectual curiosity, conscientiousness, dependability, emotional stability, and perseverance through tasks that foster deeper levels of thinking and reasoning in the four core content areas. Students continue to develop habits and skills that are expected in college and the workforce. (N1290052) (N1290053) (N1290054)

Sports Medicine I (8621)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Instructor Approval, does not count for PE credit
In this course, students apply the components of sports medicine including organization and administration, prevention, recognition, evaluation, immediate care of injuries, rehabilitation and management skills, taping and wrapping, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, anatomy. This course does not grant physical education credit. (N1150040)

Sports Medicine II, III (8622, 8623)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Sports Medicine I and Instructor Approval, does not count for PE credit
This course provides an in-depth study of sports medicine careers, organization, and administration. Certifications include Heart Saver, CPR/AED, First Aid, and Basic Life Support. Students participate in outside-of-class homework working with athletes and athletic teams. This course does not grant physical education credit. (N1150041) (N1150044)

Fine Arts Courses

The Foundation High School Program with Endorsements requires one fine arts credit.

Art

Art I (8911)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Arts & Humanities – Visual Arts
This introductory art course integrates art production with the study of basic design and drawing principles, art history, art criticism, and exploration. Students learn new vocabulary in each unit and express ideas through original artworks using a variety of media such as pencil, charcoal, pastel, colored pencil, collage, scratchboard, watercolor, tempera paint, wire, and clay. Students gain an understanding and appreciation of art. Art fees may be charged. (03500100)

Art I - Art Appreciation (8900)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Arts & Humanities – Visual Arts
A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students critically interpret and evaluate works of art within formal, cultural, and historical contexts. Limited creation of art pieces is involved in this course. **Students who want to take this course need to choose between on-level or Dual Credit (see below)**. (03500110)

Dual Credit Art Appreciation (8955)
Credit: 1, Semester **Grade: 9-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students critically interpret and evaluate works of art within formal, cultural, and historical contexts. **Students who want to take this course need to choose between on-level or Dual Credit (see above).** (03500110)

Art II - Drawing, Art III - Drawing, Art IV - Drawing (8901, 8902, 8903)
Credit: 1, Full Year **Grade: 9-12**
Prerequisites: for Art II-Drawing: Art I; for Art III-Drawing: Art II-Drawing; for Art IV-Drawing: Art III-Drawing
Program of Study: Arts & Humanities – Visual Arts
Building on the foundation of previous Art classes, students create original works using various media including pencil, charcoal, pastels, ink, and brush. In addition to performance evaluations, students investigate historical periods and styles. (03500500, 03501300, 03502300)

Art II - Painting, Art III - Painting, Art IV - Painting (8904, 8905, 8906)
Credit: 1, Full Year **Grade: 9-12**
Prerequisites: for Art II-Painting: Art I; for Art III-Painting: Art II-Painting; for Art IV-Painting: Art III-Painting
Program of Study: Arts & Humanities – Visual Arts
Building on the foundation of previous Art classes, students create original works using various paint media. In addition to performance evaluations, students investigate historical periods and styles. (03500600, 03501400, 03502400)

Art II - Sculpture, Art III - Sculpture, Art IV - Sculpture (8907, 8908, 8909)
Credit: 1, Full Year **Grade: 9-12**
Prerequisites: for Art II-Sculpture: Art I; for Art III-Sculpture: Art II-Sculpture; for Art IV-Sculpture: Art III-Sculpture
Program of Study: Arts & Humanities – Visual Arts
Building on the foundation of previous Art classes, students create original works using a variety of 3-D media. In addition to performance evaluations, students investigate historical periods and styles.(03501000, 03501900, 03502800)

AP Studio Art Two-Dimensional Design (8950)
Credit: 1, Full Year **Grade: 11-12**
Recommended Prerequisite: Art II or higher
Prerequisite: Art Portfolio
Program of Study: Arts & Humanities – Visual Arts
In this course, students continue to master their skills and education in art beyond high school. Students are required to submit a portfolio of artwork digitally and through the mail. The portfolio consists of four sections – Breadth, Concentration, Quality, and a small written essay. The course is open to drawing, painting, mixed media, and digital art as long as it is a 2-dimensional work based on the Elements of Art and Principles of Design. Students must be able to work individually in class, dedicate time at home for work on assignments and projects, and complete assignments during the summer prior to enrollment in the course. Students are required to submit an AP Portfolio of 24 college-level pieces at the conclusion of the course. Art fees may be charged. (A3500400)

AP Studio Art: Drawing (8951)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Art II or higher, Art Portfolio
Program of Study: Arts & Humanities – Visual Arts
In this course, students produce works of art that reflect issues related to drawing. These works may include traditional and experimental approaches to drawing while exploring a variety of drawing media such as graphite, charcoal, pastel, oil pastel, colored pencil, paint and mixed media. Students are required to submit a portfolio of artwork digitally and through the mail. The portfolio consists of four sections – Breadth, Concentration, Quality, and a small written essay. Students must be able to work individually in class, dedicate time at home for work on assignments and projects, and complete assignments during the summer prior to enrollment in the course. Students are required to submit an AP Portfolio of 24 college-level pieces at the conclusion of the course. Art fees may be charged. (A3500300)

AP Art History (8953)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: None
The study of Art History invites the students to discover the diversity and connections among forms of artistic expression throughout history and the world. Students learn how people communicated their experiences through art making by exploring art in its cultural and historical context. By the end of the course, students understand and apply their knowledge by taking the AP art history exam. (A3500100)

Band

Non-Varsity Band I, II, III, IV (8917, 8927, 8937, 8947); **Varsity Band I, II, III, IV** (8971, 8972, 8973, 8974)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: by Audition, must participate in the Wildcat Marching Band
Program of Study: Arts & Humanities – Band
Varsity (Wind Ensemble) and Non-Varsity (Symphonic and Honor Bands) placement are by audition only. These organizations perform in multiple concerts throughout the school year and participate in competitions during the spring semester. The opportunity to participate in TMEA auditions as well as UIL Solo and Ensemble competitions at the Regional and State levels are available to all band students who meet eligibility requirements. Opportunities to participate in Jazz Ensemble are also available through membership in the Elgin High School Concert bands. (03150100) (03150200) (03150300) (03150400)

Marching Band I, II, III, IV (8912, 8922, 8932, 8942)
Credit: 0.5, Fall Semester **Grade: 9-12**
Corequisite: Must also be enrolled in Band
The Wildcat Marching Band performs at all Elgin High School Football games, multiple marching contests, parades, and UIL events. A student must take two semesters of Marching Band to equal one physical education credit. Marching Band I and II count as a P.E. equivalent credit (PES00012); III and IV count as local credit. (84200MCH)

Jazz Ensemble (8961)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Instructor approval required through audition/interview.
Corequisite: Must be enrolled in band or choir (with the exception of piano, bass, guitar, or drumset).
Program of Study: Arts & Humanities – Band
This course is designed as an enrichment opportunity for students to apply instrumental music skills to the jazz medium. Students study jazz history, learn to improvise, and perform jazz literature of all styles. Sound music fundamentals are a prerequisite for success in this course. Students will perform extensively in public venues. Enrollment in this course constitutes agreement to fulfill all curricular, co-curricular, and extra-curricular requirements. (03151300)

Mariachi Ensemble (8965)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Instructor approval required through audition/interview.
Corequisite: Trumpet players must also be enrolled in band; other instruments (violin, guitar, guitarron and vihuela) are not required to be enrolled in band, but previous enrollment in a mariachi or string program is required.
Program of Study: Arts & Humanities – Band
Mariachi provides the student with the opportunity to play music in the mariachi / latin music genre. All groups are ability based ensembles and will have performances for the public year around. This course includes rehearsals and performances outside the school day. (03153800)

Color Guard I, II, III, IV (8985, 8986, 8987, 8988)
Credit: 1, Full Year **Grade: 9-12**
Colorguard is the integration of dance, movement, and the spinning/tossing/manipulation of equipment such as flags, rifles, and sabres. There is no prerequisite, and the colorguard is part of the Wildcat Band. Participation in the summer marching rehearsals is required for participation, and color guard members perform at all parades, football games, and pep rallies with the band during the fall semester. After the Fall Marching Season, color guard members transition to Winterguard season which involves performances/competitions on gymnasium floors to recorded music rather than the football field. (03832100, 03832200, 03832300, 03832400)

Choir

Beginning Treble Chorus I –, II, III, IV (8913, 8923, 8933, 8943)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Arts & Humanities – Choir
This course is open to all interested female students of varied vocal talents and abilities. Everyone learns how to sing well and improve. Students must be willing to sing actively each day and are expected to learn music chosen by the director, as well as do assigned music-related tasks. In addition, students prepare for public performances and assemblies. It is important to note that one does not have to be a "good singer" to enroll in this course. The men's chorus is a non-auditioned mixed group. Students are provided instruction in creating, performing, conducting, listening to, and analyzing music. (03150900, 03151000, 03151100, 03151200)

Men's Chorus I, II, III, IV (8919, 8929, 8939, 8949)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Arts & Humanities – Choir
This course is open to all interested male students of varied vocal talents and abilities. Everyone learns how to sing well and improve. Students must be willing to sing actively each day and are expected to learn music chosen by the director, as well as do assigned music-related tasks. In addition, students prepare for public performances and assemblies. It is important to note that one does not have to be a "good singer" to enroll in this course. The men's chorus is a non-auditioned mixed group. Students are provided instruction in creating, performing, conducting, listening to, and analyzing music. (03150900, 03151000, 03151100, 03151200)

Varsity Chorus I, II, III, IV (8910, 8920, 8930, 8940)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: by Audition
Program of Study: Arts & Humanities – Choir
The varsity treble Chorus is an elite mixed group of 30 singers. Members of this advanced chorus are enrolled by audition only and must be willing to put in the time and effort it takes to rehearse and perform difficult music. Students participate in at least one competition where they will represent our school as they sing to compete against other choirs from across the country. This course includes sight-singing, reading music notation, listening skills, healthy vocal technique, self-evaluation, and concert performances. Students must be willing to sing actively each day. An end-of-semester performance will be scheduled, and additional performances and field trips will be added subject to member availability. A small amount of time, outside of the school day may be scheduled for dress rehearsals and performances. (03150900, 03151000, 03151100, 03151200)

Dance

Dance I (8790- PE credit), (8786- Fine Arts credit)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Arts & Humanities – Dance
This course introduces students to the fundamental skills of recreational dancing as well as dance history, terminology, choreography, and costuming. Students learn the basics of various dance styles (modern, lyrical, jazz, hip-hop, etc.) and how to evaluate and understand them as a performing art and transmitter of culture. Dance I as a fine arts credit (03830100); Dance I as a PE credit (PES00014)

Dance II, III, IV (8787, 8788, 8789)
Credit: 1, Full Year **Grade: 10-12**
Program of Study: Arts & Humanities – Dance
Four basic strands–perception, creative expression and performance, historical and cultural heritage, and critical evaluation–provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire. Dance students develop perceptual thinking and moving abilities in daily life that promote understanding of themselves and others and allow them to interact effectively in the community. By mastering movement principles and skills, students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with controlled energy. (03830200) (03830300) (03830400)

Dance Team Production I (PE credit), (Fine Arts credit) (8795)
Credit: 1, Full Year **Grade: 9-11**
Program of Study: Arts & Humanities – Dance
This course is for students who plan to try out for Elgin's Purple Diamonds dance team. The course covers basic techniques of dance and stretching with auditions for Purple Diamonds taking place in the fall semester. Dance Team as a fine arts credit (03833700); Dance Team as a PE credit (PES00014)

Dance Team Production II, III, IV (8796, 8797, 8798)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: by Audition
Program of Study: Arts & Humanities – Dance
Students utilize a variety of dance forms in a highly visible and competitive organization as members of Elgin's Purple Diamonds dance team. The curriculum meets and exceeds the requirements under the Dance TEKS. This course involves extensive rehearsals and performances outside the school day. (03833800) (03833900) (03834000)

Floral Design

Floral Design (8011)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Arts & Humanities – Visual Arts
This course develops skills in the design and arrangement of flowers, foliage, and related plant materials for interior locations. Students learn the history of floral design, how to identify flowers and plants, and how to use them artistically. Students create floral arrangements in relation to contemporary designs, business practices, and specialty items such as weddings, creativity, and careers in the floral industry. Fees may be charged. (13001800)

Music

Dual Credit Music Appreciation (8998)
Credit: 1, Semester **Grade: 9-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
Program of Study: Arts & Humanities - Music
MUSI 1310 American Music. General survey of various styles of music in America. Topics may include jazz, ragtime, folk, rock, and contemporary art music. (03155600)

Theatre

Musical Theatre I (8918)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Arts & Humanities - Theatre
This course exposes students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. Students receive comprehensive and rigorous instruction so that they may make informed choices about their craft, college, and professional careers. The course enhances and cultivates the creative gifts of each student while encouraging a sense of self-confidence. Students study and perform varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and other aspects of a musical production. (03251900)

Musical Theatre II, III, IV (8928, 8938, 8948)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Musical Theatre I
Program of Study: Arts & Humanities - Theatre
This course includes a study of four basic strands: music literacy; creative expression; historical and cultural relevance; and critical evaluation and response and provides broad, unifying structures for organizing the knowledge and skills students are expected to acquire. The foundation of music literacy is fostered through reading, writing, reproducing, and creating music, thus developing a student's intellect. Through creative expression, students apply their music literacy and the critical-thinking skills of music to sing, play, read, write, and/or move. By experiencing musical periods and styles, students understand the relevance of music to history, culture, and the world, including the relationship of music to other academic disciplines and vocational possibilities. Through critical listening, students analyze, evaluate, and respond to music, developing criteria for making critical judgments and informed choices. (03252000)(03252100)(03252200)

Technical Theatre I (8916)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Arts & Humanities - Theatre
This course includes sound, lights, make-up, set design, props, and costuming. Students complete several art projects related to color and design. Most projects are built around themes for theatrical productions. Students can be beginners or advanced at sketching and drawing. Students also study art history, culture, and the effects of events in the world on art and theater. Students are required to make presentations and while acting is not the focus of the class, acting-related exercises are included to give the technician experience in all theatrical activities. (03250500)

Technical Theatre II, III, IV (8926, 8936, 8946)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Technical Theater I
Program of Study: Arts & Humanities - Theatre
This course includes a study of stage design, publicity, lighting, sound, and other aspects of theatrical production in conjunction with actual stage production. Theatre history and careers in theatre will also be discussed. (03250600) (03251100) (03251200)

Theatre Arts I (8914)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Arts & Humanities - Theatre
This course is an introduction to theater. Through a variety of experiences, students communicate in dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Through perceptual studies, students increase their understanding of self and others. This class involves studying theatrical terms, theater history, and acting. After learning some basics, this is a performance-dominated class. This class also includes many art projects and students are expected to be responsible for cleaning up while working on projects. (03250100)

Theatre Arts II, III, IV (8924, 8934, 8944)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: Theater Arts I
Program of Study: Arts & Humanities - Theatre
Advanced Theater classes are available to those students who have enjoyed and successfully completed either Theater Arts I or Technical Theater. The advanced classes are mostly performance-based. Students construct scenery, study traditional literary genres, perform advanced scene work, and write monologues, scenes, and finally plays. Students must participate in numerous performance activities. Classwork focuses on the extra-curricular performances during tech, dress, and performance weeks. (03250200) (03250300) (03250400)

Varsity Theatre Production I (8915)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite: by Audition
Program of Study: Arts & Humanities - Theatre
This course is for those who truly enjoy the work involved in putting together a production. This is a performance class for serious and dedicated students. This is a varsity-level class where students are expected to know and enjoy the work involved with putting on a production. Students are expected to be a part of the extra-curricular theater productions. Students concentrate on acting, directing, writing, design, and stagecraft. Students are required to participate in after-school rehearsals and competitions. Class time is dedicated to extra-curricular performances. (03250700)

Varsity Theatre Production II, III, IV (8925, 8935, 8945)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Theater Production I, by Audition
Program of Study: Arts & Humanities - Theatre
All aspects of production from a technical standpoint are explored – set design, lights, and sound and theatre history. Special emphasis is given to character development, voice, diction, and body control. This course requires after-school rehearsals and performance times, focusing on fall and spring show productions. Students must participate both as actors and crewmembers. (03250800) (03250900) (03251000)

Career, Technology, and Education (CTE) Courses

CTE courses are listed in alphabetical order. Review the *Program of Study for Graduation* section of the Course Guide to identify and select a coherent sequence of courses (Programs of Study) that will meet CTE endorsement requirements for graduation. Endorsements indicated within course descriptions align with the Programs of Studys presented in this course guide and do not reflect all possible endorsements associated with a course.

Advanced Animal Science (8002)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Biology and Chemistry or IPC; Algebra I and Geometry; either Small Animal Management, Equine Science, or Livestock Production
Recommended Prerequisite: Veterinary Medical Applications
Program of Study: Business & Industry - Animal Science
This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and lab experiences. Students learn about animal health and services with classroom and hands-on experiences, including shadowing at various local businesses. Students travel to MD Anderson Research Center, Elgin Veterinary Hospital, and Elgin Breeding Service, to learn about various techniques in veterinary medicine. Upon completion of this course and outside internship hours, students have the opportunity to take the Texas Veterinary Medical Association Certified Veterinary Assistant Exam. (13000700)

Advanced Plant and Soil Science (8003)
Credit: 1, Full Year **Grade: 11-12**
Recommended Prerequisites: Biology;Chemistry or IPC; Algebra I; Geometry, either Horticultural Science, Greenhouse Operation and Production, or Floral Design
Program of Study: Business & Industry - Plant Science
This course is designed to involve students with horticulture (plant) sciences with an emphasis on hands-on skills while teaching students about career opportunities using plants in horticulture. In addition to caring for and experimenting with plants in the greenhouse, students conduct investigations, laboratory practices, and field exercises to develop an understanding of plant and soil science. (13002100)

Anatomy and Physiology (8342)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Biology and one credit in Chemistry, IPC, or Physics
Program of Study: Public Services – Health Science and STEM – Science, Math and Science
In this course, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. (13020600)

Audio Video Production I/Audio Video Production I Lab (8514)
Credit: 2, Full Year **Grade: 9-12**
Recommended Prerequisite: Principles of Arts, Audio Video Technology, and Communications
Program of Study: Business & Industry – Digital Communications
This course expands students' field of experience in all aspects of the audio/video industry with an emphasis on underlying principles of video technology. Students are expected to work collaboratively as a production group. Each grading term the production group is required to produce three projects: develop a device or idea that may be used in pre-production, production, or post-production; create a lesson to be presented to first-year students; and complete an audio/video project. Two of six audio/video projects focus on a theme of television production encompassing elements of studio programming. After each term, the production group reflects on successes and shortfalls. (13008510)

Audio Video Production II/Audio Video Production II Lab (8516)
Credit: 2, Full Year **Grade: 10-12**
Prerequisite: Audio Video Production I
Program of Study: Business & Industry – Digital Communications
Students prepare for careers in audio and video technology and film production that span all aspects of the audio/video communications industry. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students are expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production. Students have opportunities to earn Adobe certification. (13008610)

Automotive Basics (8500)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Business & Industry - Transportation
This course teaches knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course teaches safety and environmental rules and regulations. Students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. Students 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 safety, tool identification, proper tool use, and employability. (13039550)

Automotive Technology I: Maintenance and Light Repair (8501)
Credit: 2, Full Year **Grade: 9-12**
Prerequisite: by Application
Recommended Prerequisite: Automotive Basics
Program of Study: Business & Industry - Transportation
This course teaches knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course focuses on applicable safety and environmental rules and regulations. Students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. Students 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 safety, tool identification, proper tool use, and employability. (13039600)

Automotive Technology II: Automotive Service(8502)
Credit: 2, Full Year **Grade: 11-12**
Prerequisite: Automotive Technology I
Program of Study: Business & Industry - Transportation
This course develops knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course focuses on applicable safety and environmental rules and regulations. Students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. Students 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 safety, tool identification, proper tool use, and employability. (13039700)

Business Management (8028)
Credit: 1, Full **Year Grade: 10-12**
Prerequisite: None
Program of Study: Business & Industry – Business Management
This course introduces basic management concepts and leadership styles and explores managerial functions, economic and social components of productivity, international business, and human relations. Students develop an understanding of the changing nature of the business environment and concepts of business integrity. Students develop and implement a business plan to demonstrate an actual management project (in or out of the classroom environment). This course requires a commitment to public speaking and presentations. (13012100)

Career Preparation General (8635)
Credit: 2, Full Year **Grade: 12**
Prerequisite: At least 1 credit in a CTE course
This course provides opportunities for students to participate in a work-based learning environment that incorporates continuous collaborative feedback between the employer, teacher, and student. This course combines classroom instruction with business and industry employment experiences that may be outside the student's current program of study. The goal is for students to obtain entry-level employment developing a variety of skills for obtaining and maintaining employment. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. (12701111)

Career Preparation for Programs of Study (8636)
Credit: 2, Full Year **Grade: 12**
Prerequisite: At least 1 Level 2 or higher CTE course
This course provides additional opportunities for students to develop business and industry employment experiences, which must be related to the student's current program of study alongside advanced classroom instruction. The goal is to prepare students with a variety of skills to transition from job- to career-mindedness. This course provides a continuing focus on collaborative feedback between the employer, teacher, and student. Career Preparation for Programs of Study expands on Career Preparation General by increasing rigor, supporting student attainment of academic standards, and effectively preparing students for college and career success. (12701121)

Child Development (8054)
Credit: 1, Full Year **Grade: 10-12**
Program of Study: Public Services – Teaching & Training
This course focuses on the many areas of development of children from conception through childhood. Instruction addresses the principles and procedures for promoting the physical, emotional, social, and intellectual development of young children, including those with special needs. Other topics include child nutrition, the impact of technology on child development and health, public policies affecting children, characteristics of quality child care, career options related to the care and education of children, and the management of multiple family, community, and family roles. (13024700)

Computer Science I (8571)
Credit: 1, Full Year **Grade: 9-12**
Prerequisite or corequisite: Algebra I
Program of Study: STEM – Programming & Software Development and Apple Swift Coding
Note – This course can count as a required LOTE credit for graduation
This course presents opportunities to design, implement, and present meaningful programs through a variety of media. Students collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. (03580200)

Computer Science II (8572)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Algebra I, Computer Science I or or AP Computer Science Principals
Program of Study: STEM – Programming & Software Development and Apple Swift Coding
Note – This course can count as a required LOTE credit for graduation
This course presents opportunities to design, implement, and present meaningful programs through a variety of media. Students work with one another, their instructor, and various electronic communities to solve problems. Through data analysis, students identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. (03580300)

Computer Science III (8574)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Computer Science II or AP Computer Science A
Program of Study: STEM – Programming & Software Development
In this course, students design, implement, and present meaningful programs through a variety of media. Students collaborate with one another, their instructors, and various electronic communities to solve problems. Through data analysis, students identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students gain an understanding of advanced computer science data structures through the study of technology operations, systems, and concepts. (03580350)

AP Computer Science Principles (8510)
Credit: 1, Full Year **Grade: 10-12**
Recommended Prerequisite: Algebra I
Program of Study: STEM – Programming & Software Development
This college-level course prepares students to take the AP Computer Science Principles exam for possible college credit. This course introduces students to the fundamentals of computing and the creative aspects of programming. This course helps students experience the relevance of computing skills to their post-secondary plans. Students are required to take the Advanced Placement Computer Science Exam at the conclusion of the course. (A3580300)

Electrical Technology I (8647)
Credit: 1, Full Year **Grade: 10-12**
Recommended Prerequisite: Principles of Construction
Program of Study: Business & Industry - Electrical
In this course, students gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications. (13005600)

Entrepreneurship I (8640)
Credit: 1, Full Year **Grade: 9-10**
Recommended Prerequisite: Principles of Business
Program of Study: Business & Industry - Entrepreneurship
In this course, students gain the knowledge and skills needed to become an entrepreneur. Students 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 the feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students understand the capital required, the return on investment desired, and the potential for profit. (13034400)

Entrepreneurship II (8639)
Credit: 1, Full Year **Grade: 10-11**
Prerequisite: Entrepreneurship
Program of Study: Business & Industry - Entrepreneurship
In this course, students gain the knowledge and skills needed to become successful entrepreneurs within an innovative marketplace. The goal and outcome of the course are for students to have a business launched by the end of the course or have the tools necessary to launch and operate a business. Students learn and initiate the process of taking a business plan from idea to implementation. Students are encouraged to work in close cooperation with local industry leaders and community members to develop ideas and objectives, complete a business planning tool, pitch for funding, and register with governmental agencies. (N1303423)

Equine Science (8077)
Credit: 0.5, Semester **Grade: 10-12**
Recommended Prerequisite: Principles of Agriculture, Food, and Natural Resources
Program of Study: Business & Industry - Animal Science
In this course, students acquire knowledge and skills related to equine systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. The care and management of horses has developed into Equine Science, a multi-million dollar industry. This course helps the novice and the student who is already active in the horse industry to learn selection, nutrition, reproduction health, judging, and management of horses, donkeys, or mules. Judging trips and tours is an integral and common part of the course. (13000500)

Floral Design (8011)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Principles of Agriculture, Food, and Natural Resources
Program of Study: Business & Industry - Plant Science
This course meets the fine arts graduation requirement. This course develops skills in the design and arrangement of flowers, foliage, and related plant materials for interior locations. Students learn the history of floral design, how to identify flowers and plants, and how to use them artistically. Students create floral arrangements in relation to contemporary designs, business practices, and specialty items such as weddings, creativity, and careers in the floral industry. Fees may be charged. (13001800)

Advanced Floral Design (8507)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Floral Design
Program of Study: Business & Industry - Plant Science
In this course, students build on the knowledge from the Floral Design course and are introduced to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning. This course focuses on building skills in advanced floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event. Through the analysis and evaluation of various occasion and event types, students explore the design needs and expectations of clients and propose and evaluate appropriate creations. From conception to evaluation, students are challenged to create and design appropriate specialty floral designs that meet the needs of the client. Furthermore, an emphasis on budgetary adherence and entrepreneurship equips students with many of the necessary skills needed for success in floral enterprises. (N1300270)

Food Processing/Lab (8071)
Credit: 1, Full Year **Grade: 10-12**
Required Corequisite: Agricultural Labratory and Field Experience
Recommended Prerequisite: Food Technology and Safety / Lab
Program of Study: Business & Industry - Agriculture, Food, and Natural Resources
This course focuses on the food processing industry with special emphasis on the handling, processing, and marketing of food products. Students attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Students learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course must be taken with Agricultural Labroatry and Field Experience (13001400)

Agricultural Labratory and Field Experience (8508)
Credit: 1, Full Year **Grade: 10-12**
Recommended Prerequisite: Principles of Agriculture, Food, and Natural Resources
Program of Study: Business & Industry - Agriculture, Food, and Natural Resources
Agricultural Laboratory and Field Experience is designed to provide students a laboratory and/or field experience opportunity. To prepare for careers in agriculture, food, and natural resources, students must acquire knowledge and skills that meet entry requirements and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer academic knowledge and technical skills in a variety of settings. This course must be taken with Food Processing/Lab (13001410)

Food Technology and Safety / Lab (8006)
Credit: 1, Full Year **Grade: 10-12**
Program of Study: Business & Industry - Agriculture, Food, and Natural Resources
This course examines the food technology industry as it relates to food production, handling, and safety. Students attain academic skills and knowledge, acquire technical knowledge and skills related to value-added and food processing and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Students learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings. (13001300)

Forensic Science (8371)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Biology and one credit in Chemistry, IPC, or Physics
Program of Study: Public Services – Law Enforcement
This course provides a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminalist behavior. Students learn basic terminology and investigative procedures related to crime scenes, question building, interviewing, criminal behavior characteristics, truth detection methodology, and scientific procedures used to solve crimes. Students have the opportunity to collect and analyze evidence through case studies and mock crime scenes. Lab activities are based on crime scene scenarios and analyzing fingerprints, ballistics, and blood spatter. Students will learn about the history, legal aspects of forensic science, and career options available in the forensic field. (13029500)

Global Business (8030)
Credit: 0.5, Semester **Grade: 10-12**
Program of Study: Business & Industry – Business Management
In this course, students analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management. (13011800)

Greenhouse Operation and Production (8561)
Credit: 1, Full Year **Grade: 10-12**
Program of Study: Business & Industry - Plant Science
In this course, students attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Students learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings. This course develops an understanding of greenhouse production techniques and practices. (13002050)

Health Science Theory (8575)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: Biology, one credit in a course from the Health Science Career Cluster
Program of Study: Public Services – Healthcare Diagnostics and Therapuetic Services and Health Science Academy
This course develops advanced knowledge and skills related to a wide variety of health careers. Students employ hands-on experiences for continued knowledge and skill development. To pursue a career in the health science industry, students learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students recognize that quality health care depends on the ability to work well with others. The health science industry comprises diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care. Students identify the employment opportunities, technology, and safety requirements of each system. Students apply the knowledge and skills necessary to pursue a health science career through further education and employment. Students employ their ethical and legal responsibilities, recognize limitations, and understand the implications of their actions. (13020400)

Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I (8555)
Credit: 1, Full Year **Grade: 9-10**
Recommended Prerequisite: Principles of Construction
Program of Study: Business & Industry - Heating, Ventilation, and Air Conditioning (HVAC)
In this course, students gain the knowledge and skills needed to enter the industry as technicians in the HVAC and refrigeration industry or building maintenance industry, prepare for a postsecondary degree in a specified field of construction management, or pursue an approved apprenticeship program. Students acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment. (13005800)

Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II (8556)
Credit: 2, Full Year **Grade: 11-12**
Prerequisite: Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I
Program of Study: Business & Industry - Heating, Ventilation, and Air Conditioning (HVAC)
In Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II, students will gain advanced knowledge and skills needed to enter the industry as HVAC and refrigeration technicians or building maintenance technicians or supervisors, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, use of tools, codes, installation of commercial HVAC equipment, heat pumps, troubleshooting techniques, various duct systems, and maintenance practices.(13005900)

Horticultural Science (8008)
Credit: 1, Full Year **Grade: 10-12**
Prerequisite: None
Program of Study: Business & Industry - Plant Science
This exploratory course is designed as an introduction to horticultural sciences with emphasis on technical skills and career opportunities, and certifications. Students gain hands-on experience working with plants. Students produce and grow greenhouse and nursery plants. (13002000)

Instructional Practices (8059)
Credit: 2, Full Year **Grade: 11-12**
Prerequisite: At least one credit in a course from the Education and Training Career Cluster; Teacher Approval
Recommended Prerequisite: Principles of Education and Training or Child Development
Program of Study: Public Services – Teaching & Training
This course prepares students with skills to become a classroom teacher in the field of early childhood education and school-age education. Students work under the supervision of a career education instructor and classroom teacher preparing instructional materials and group activities. Students learn to plan and direct educational environments, assist with record keeping, and complete other responsibilities of education personnel. (13014400)

Law Enforcement I (8050)
Credit: 1, Full Year **Grade: 10-12**
Recommended Prerequisite: Principles of Law, Public Safety, Corrections, and Security
Program of Study: Public Services – Law Enforcement
This course provides a general overview of current law enforcement procedures, communication skills, criminal law, law enforcement terminology, traffic stops, basic field notes, and police incident report writing; and basic crime scene procedures. The course also includes an overview of the history, organization, and functions of local, state, and federal law enforcement. (13029300)

Law Enforcement II (8051)
Credit: 1, Full Year **Grade: 10-12**
Recommended Prerequisites: Law Enforcement I
Program of Study: Public Services – Law Enforcement
This course provides the knowledge and skills necessary to prepare for a career in law enforcement. The study of common police procedures telecommunications, advanced field note taking and report writing; use of force; arrest procedures; search and pat down procedures; crowd control; accident investigations felony traffic stops; courtroom testimony. The course also includes the ethical and legal responsibilities of law enforcement officers. (13029400)

Livestock Production (8010)
Credit: 1, Full Year **Grade: 10-12**
Program of Study: Business & Industry - Animal Science
In this course, students acquire technical knowledge and skills related to animal systems and the workplace and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Students learn, reinforce, apply, and transfer their knowledge, skills, and technologies in a variety of settings. Animal species to be addressed in this course may include but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry. (13000300)

Medical Assistant (8646)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite or corequisite: Anatomy and Physiology
Recommended prerequisite: Medical Terminology
Program of Study: Public Services - Healthcare Therapeutics
This course provides students with the knowledge and skills to pursue a career as a medical assistant and to improve college and career readiness. Students obtain communication skills, clinical ethics knowledge, safety awareness, and information related to medical assisting career opportunities. (13021015)

Medical Terminology (8641)
Credit: 1, Full Year **Grade: 10-12**
Program of Study: Public Services - Healthcare Diagnostic and Therapeutic Services
This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. (13020300)

Practicum in Agriculture, Food, and Natural Resources (8013)
Credit: 2, Full Year **Grade: 11-12**
Prerequisites: Principles of Agriculture, Food, and Natural Resources; Food Technology and Safety; Food Processing
Program of Study: Business & Industry - Agriculture, Food, and Natural Resources
This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. Students attain academic skills and knowledge, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Students learn, reinforce, apply, and transfer their knowledge, skills, and technologies in a variety of settings. (13002500)

Practicum in Audio Video Production (8515)
Credit: 2, Full Year **Grade: 11-12**
Prerequisite: Audio Video Production II and Audio Video Production II lab
Program of Study: Business & Industry – Digital Communications
Students learn the use of analog and digital video cameras, editing software, and other related video and audio hardware and software to create video productions. Students understand copyright laws and the ethical acquisition of digital and video information. This course includes basic camera techniques, story/script writing, production, scheduling, lighting, and audio recording techniques, post-production, and broadcasting. Projects may consist of the following: One-shot, Stop-Motion, Public Service Announcements, and Documentaries. (13008700)

Practicum in Business Management (8065)
Credit: 2, Full Year **Grade: 11-12**
Recommended Prerequisite: Business Management
Program of Study: Business & Industry – Business, Marketing, and Finance
Elgin ISD's Practicum in Business Management course is affiliated with the national INCubator entrepreneurship program. As part of the INCubator program, students work in teams to create a working business and minimum viable product. Students identify market opportunities, create and evaluate business ideas, and explore opportunities to start their own businesses by developing a basic business plan. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions. Students must prepare an actual business development project. Students work with community and industry leaders to create a pitch for their business as a culminating project. (13012200)

Practicum in Construction Technology (8649)
Credit: 2, Full Year **Grade: 12**
Prerequisite: Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II
Program of Study: Business & Industry – Heating, Ventilation, and Air Conditioning (HVAC)
In Practicum in Construction Technology, students will be challenged with the application of knowledge and skills gained in previous construction-related coursework. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class. (13005250)

Practicum in Education and Training (8061)
Credit: 2, Full Year **Grade: 12**
Prerequisite: Instructional Practices
Recommended Prerequisites: Principles in Education and Training and Child Developement
Program of Study: Public Services – Teaching & Training
This course is a field-based internship that provides background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel. (13014500)

Dual Credit EDUC 1301 (8588)
Credit: 2, Semester **Grade: 12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
Program of Study: Public Services – Teaching & Training
An integrated pre-service course and content experience for those interested in a teaching career. Activities focus on developing systematic observation skills and provide an overview of the dimensions of teaching. Students participate in a minimum of 16 contact hours in P-12 classrooms with varied and diverse student populations. The field observations take place in four settings: early childhood, elementary, middle, and high schools. The field observations are used to support the connection of theory to actual practice. Students in EDUC 1301 must pass a criminal history background check and complete 16 hours of field observations in public schools. Field observations are scheduled during public school hours Monday-Thursday. Background checks and placements are addressed during the first week of class. (12701300)

Dual Credit EDUC 2301 (8589)
Credit: 2, Semester **Grade: 12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
Program of Study: Public Services – Teaching & Training
An enriched, integrated, pre-service and content experience that provides an overview of schooling and classrooms from the perspectives of language, gender, socioeconomic status, ethnic/ethnicity, sexual orientation, and academic diversity, and equity with an emphasis on factors that facilitate learning. Students participate in a minimum of 16 contact hours in P-12 classrooms with varied and diverse student populations. Service learning is used to support the connection of theory to the actual practice of developing meaningful learning experiences for diverse students. Students in EDUC 2301 must pass a criminal history background check and complete 16 hours of service learning in public schools. Service Learning is scheduled during public school hours Monday-Thursday. Background checks and placements will be addressed during the first week of class. (12701400)

Practicum in Health Science (8644)
Credit: 1, Full Year **Grade: 12**
Prerequisite: Biology, Health Science Theory
Program of Study: Public Services – Healthcare Diagnostics and Therapuetic Services
This course is designed to give students 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.

Practicum in Law, Public Safety, Corrections, and Security (8529)
Credit: 2, Full Year **Grade: 12**
Program of Study: Public Services – Law Enforcement
This course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Law, Public Safety, Corrections, and Security Career Cluster. This course is designed to give students supervised practical application of knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience (13030100)

Practicum in Manufacturing (8650)
Credit: 2, Full Year **Grade: 12**
Program of Study: Business & Industry - Welding
This course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. (13033000)

Practicum in Transportation Systems (8509)
Credit: 2, Full Year **Grade: 11-12**
Program of Study: Business & Industry - Transportation
This is a capstone course for the Automotive Technology Programs of Study. Students have the opportunity to gain an industry-recognized certification. This course teaches the knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Students learn applicable safety and environmental rules and regulations. Students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. Students 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 safety, tool identification, proper tool use, and employability. (13040450)

Principles of Agriculture, Food, and Natural Resources (8012)
Credit: 1, Full Year **Grade: 9-12**
Program of Study: Business & Industry – Welding, Animal, Plant
To be prepared for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. Students learn the history of FFA, Parliamentary Procedure, History of Agriculture, breeds of livestock, Plant and Soil Science, and basic mechanics. Opportunities are made available to introduce students to FFA. (13000200)

Principles of Arts, Audio Video Technology, and Communications (8063)
Credit: 1, Full Year **Grade: 9**
Program of Study: Business & Industry – Digital Communications
Students learn the use of analog and digital video cameras, editing software, and other related video and audio hardware and software to create video productions. Students gain an understanding of copyright laws and the ethical acquisition of digital and video information. This course includes basic camera techniques, story/script writing, production, scheduling, lighting and audio recording techniques, post-production, and broadcasting. Projects consist of the following genres: One-shot, Stop-Motion, Public Service Announcements, and Documentaries. (13008200)

Principles of Business, Marketing, and Finance (8032)
Credit: 1, Full Year **Grade: 9-11**
Program of Study: Business & Industry – Business Management
In this course, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. Students reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance. (13011200)

Principles of Construction (8648)
Credit: 1, Full Year **Grade: 9-10**
Program of Study: Business & Industry – Heating, Ventilation, and Air Conditioning
This course is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. (13004220)

Principles of Education and Training (8060)
Credit: 1, Full Year **Grade: 9-10**
Program of Study: Public Services – Teaching & Training
This course introduces students 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. Students gain an understanding of the basic knowledge and skills essential to careers with this cluster. Students develop a graduation plan that leads to a specific career choice in the student's interest area. (13014200)

Principles of Health Science (8070)
Credit: 1, Full Year **Grades: 9-10**
Program of Study: Public Services – Healthcare Diagnostics and Health Science Academy
This course provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. Students learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students recognize that quality health care depends on the ability to work well with others. Professional integrity in the health science industry is dependent on the acceptance of ethical and legal responsibilities. Students employ their ethical and legal responsibilities, recognize limitations, and understand the implications of their actions. (13020200)

Principles of Hospitality and Tourism (8031)
Credit: 1, Full Year **Grades: 9-10**
Program of Study: Hospitality and Tourism – Culinary Arts
This course 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. Students explore the history of the hospitality and tourism industry and examine characteristics needed for success in that industry. (13022200)

Principles of Informational Technology (8052)
Credit: 1, Full Year **Grade: 9-10**
Program of Study: Informational Technology – Cybersecurity
In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment. (13027200)

Principles of Law, Public Safety, Corrections, and Security (8053)
Credits: 1, Full Year **Grade: 9-12**
Program of Study: Public Services – Law Enforcement
This course introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections. (13029200)

Principles of Manufacturing (8024)
Credit: 1, Full Year **Grade: 9-10**
Program of Study: Manufacturing – Manufacturing Technology
In this course, students are introduced to knowledge and skills used in the proper application of principles of manufacturing. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students gain an understanding of what employers require to gain and maintain employment in manufacturing careers. (13032200)

Professional Communications (Speech) (8161)
Credit: 0.5, Semester **Grade: 9-12**
This course enhances communication skills by learning and practicing verbal, non-verbal, and listening skills in interpersonal, group, and professional situations. Students prepare for college, job interviews, and work-related dialogues between customers, employers, and employees. **This course satisfies the district speech requirement**. (13009900)

Small Animal Management (8014)
Credit: 0.5, Semester **Grade: 10-12**
Program of Study: Business & Industry - Animal Science
This course prepares students for careers in the field of animal science. Students need to acquire knowledge and skills related to animal systems and the workplace and develop knowledge and skills regarding career opportunities and industry expectations. Suggested small animals that may be studied in this course include, but are not limited to, small mammals, amphibians, reptiles, avians, dogs, and cats. (13000400)

Veterinary Medical Applications (8017)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Equine Science, Small Animal Management, or Livestock Production
Program of Study: Business & Industry - Animal Science
This course introduces students to a career in veterinary science as the basic concepts and skills of the veterinary industry. Such skills include safety and sanitation, terminology, hospital management, and proper handling and restraining techniques. During this course, students obtain the knowledge and skills that are essential in any veterinary setting. Students have the opportunity to become certified veterinary assistants. (13000600)

Virtual Business (8576)
Credit: 0.5, Semester **Grades 10-12**
Program of Study: Business & Industry – Business Management
In this course, students start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating project-management skills. Students demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business. (13012000)

Introduction to Welding (8530)
Credit: 1, Full Year **Grades: 9-10**
Program of Study: Business & Industry - Manufacturing
This course introduces welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students learn 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 options, and introduction to welding codes and standards. Students gain the knowledge, skills, and technologies required for employment in the welding industry. Students develop knowledge and skills related to welding and apply them to personal career development. This course supports the integration of academic and technical knowledge and skills. Students reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. (13032250)

Welding I (8015)
Credit: 2, Full Year **Grade: 10-12**
Prerequisite: by Application
Recommended Prerequisite: Algebra I, Principles of Manufacturing, or Introduction to WeldingProgram of Study: Business & Industry - Manufacturing
This welding course provides the knowledge, skills, and technologies required for employment in metal technology systems. Students develop knowledge and skills related to this system and apply them to personal career development. Welding provides the knowledge, skills, and technologies required for employment opportunities in metal technology systems. Various types of welding techniques are explored. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for success. (13032300)

Welding II (8016)
Credit: 2, Full Year **Grade: 11-12**
Prerequisite: Welding I
Recommended Prerequisite: Algebra I or Geometry
Program of Study: Business & Industry - Manufacturing
This course builds on the knowledge and skills developed in Welding I. Students develop advanced welding concepts and skills related to personal and career development. Students develop skills in the use of gas metal arc welding, gas tungsten welding, flux cored arc welding, and other advanced welding techniques. Students reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. (13032400)

Dual Credit Welding 1413 (8662)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A study of the principles of Gas Metal Arc Welding and Flux Cored Arc Welding, setup and use of Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) equipment, and safe use of tools/equipment. Instruction in various joint designs. (N1303684)

Dual Credit Welding 1417 (8656)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirement by deadlines
Program of Study: Business & Industry - PTECH
A fundamental course in layout and fabrication related to the welding industry. Major emphasis on structural shapes used in construction. (13002300)

Dual Credit Welding 1428 (8651)
Credit: 2, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
An introduction to the shielded metal arc welding process. Emphasis is placed on power sources, electrode selection, and various joint designs. (13032700)

Dual Credit Welding 1430 (8652)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A study of the principles of Gas Metal Arc Welding and Flux Cored Arc Welding, setup and use of Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) equipment, and safe use of tools/equipment. Instruction in various joint designs. (13032250)

Dual Credit Welding 1434 (8653)
Credit: 2, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
An introduction to the principles of gas tungsten arc welding (GTAW), setup/use of GTAW equipment, and safe use of tools and equipment. Welding instruction in various positions and joint designs. (13032300)

Dual Credit Welding 1435 (8655)
Credit: 2, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
An introduction to welding of pipe using the shielded metal arc welding process (SMAW), including electrode selection, equipment setup, and safe shop practices. Emphasis on various welding positions and electrodes. (13033000)

Dual Credit Welding 1457 (8654)
Credit: 2, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A study of the production of various fillets and groove welds. Preparation of specimens for testing in various positions. (13032800)

Dual Credit Welding 2179 (8659)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A study of the principles of Gas Metal Arc Welding and Flux Cored Arc Welding, setup and use of Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) equipment, and safe use of tools/equipment. Instruction in various joint designs. (13002350)

Dual Credit Welding 2435 (8661)
Credit: 2, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A study of the principles of Gas Metal Arc Welding and Flux Cored Arc Welding, setup and use of Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) equipment, and safe use of tools/equipment. Instruction in various joint designs. (13032500)

Dual Credit Welding 2451 (8657)
Credit: 2, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
Advanced topics in GTAW welding, including welding in various positions and directions on sheet metal, pipe, tube, and exotic materials. (13032400)

Dual Credit Welding 2488 (8663)
Credit: 2, Semester **Grade: 12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. A learning plan is developed by the college and the employer. (13002500)

Dual Credit Courses

Dual Credit English III (8191)
Credit: 1, Full Year **Grade: 11-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
This college-level course is an in-depth writing and literature course which requires extensive essays, discussion, required reading, and exams. Critical and creative thinking skills are developed through reading and critical analysis of literature and language. (03220300)

Dual Credit English IV (8196)
Credit: 1, Semester **Grade: 11-12**
Prerequisite: Complete ACC requirements and prerequisites, including TSI compliance, by deadlines
Students engage in activities that build on their prior knowledge and skills in order to strengthen their reading, writing, and oral language skills. In addition, students continue to address earlier standards as needed while they attend to standards for their grade level. Students read extensively from multiple genres with an emphasis on British literature. **Summer reading is required.** (03220400)

Dual Credit Humanities I and II (8198, 8190)
Credit: 1, Semester **Grade: 9-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
A study of representative samples of literature, art, and music of various periods and cultures. The study of the interrelationships of the arts and their philosophies emphasizes an understanding of human nature and the values of human life. (03221600) (03221610)

Dual Credit Independent Studies in English (8199)
Credit: 1, Semester **Grade: 11-12**
Prerequisite: None
Students focus on a specialized area of study such as the work of a particular author or genre. Students read and write in multiple forms for a variety of audiences and purposes. Students plan, draft, and complete written compositions regularly and examine their papers for clarity, engaging language, and the correct use of conventions and mechanics in written English. If this course is being used to satisfy requirements for the Distinguished Achievement Program, a student research/product must be presented before a panel of professionals or approved by the student's mentor. (03221800)

Dual Credit Public Speaking (8197)
Credit: 0.5, Semester **Grade: 9-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadline
In this course, students learn the concepts and skills related to preparing and presenting public messages and analyzing and evaluating the messages of others. Students gain skills in reading, writing, speaking, listening, and thinking and examine areas such as invention, organization, style, memory, and delivery. **This course satisfies the district speech requirement.** (03240900)

Dual Credit College Algebra (8292)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Algebra II, and complete ACC requirements, including TSI compliance, by deadlines
A course designed for students majoring in business, mathematics, science, engineering, or certain engineering-related technical fields. Content includes the rational, real, and complex number systems; the study of functions including polynomial, rational, exponential, and logarithmic functions and related equations; inequalities; and systems of linear equations and determinants. (IHE11100)

Dual Credit College Math (8293)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: complete ACC requirements, including TSI compliance, by deadlines
A topics-based course, with a variety of possible topics chosen by individual instructors, including sets, logic, number theory, geometry, probability and statistics, and the mathematics of finance and social choice. This course is not algebra-intensive and is designed for non-technical majors. (03102500)

Dual Credit Statistics (8295)
Credit: 1, Semester **Grade: 11-12**
Prerequisite: Algebra I, and complete ACC requirements, including TSI compliance, by deadlines.
A first course in statistics for students in business; nursing; allied health; or the social, physical, or behavioral sciences; or for any student requiring knowledge of the fundamental procedures for data organization and analysis. Topics include frequency distributions, graphing, measures of location and variation, and binomial and normal distributions. (03102530)

Dual Credit Environmental Systems (8391)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
An overview of environmental science and current global concerns, exploring scientific, economic, social, and political solutions to environmental problems. Discussion of the history of the environmental movement, environmental regulatory agencies, fundamental principles of resources and their use, population, conservation, and environmental health. A field trip may be required. (03020000)

Dual Credit U.S. History I (8498)
Credit: 0.5, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
Program of Study: Arts & Humanities – Social Studies
In this course, students study the history of the United States to 1877. Students are expected to take this course and Dual Credit U.S. History 8491. (03380002)

Dual Credit U.S. History II (8491)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines; may be used as a substitute for U.S. History since Reconstruction
Program of Study: Arts & Humanities – Social Studies
A study of the history of the United States from 1877 to present. This course replaces U.S. History 8431, which is required for graduation. (03340100)

Dual Credit U.S. Government (8493)
Credit: 0.5, Semester **Grade: 11-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
Program of Study: Arts & Humanities – Social Studies
This course focuses on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. Students learn major political ideas and forms of government in history. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems. Students who qualify for dual credit can earn college credit hours by taking this course. (03330100)

Dual Credit Economics (8591)
Credit: 0.5, Semester **Grade: 11-12**
Prerequisite: Complete ACC requirements, including TSI reading and math compliance, by deadlines
Program of Study: Arts & Humanities – Social Studies
Economics focuses on the Free Enterprise System and its benefits including principles of production, consumption, and distribution of goods and services. Students research the problem of scarcity in the U.S. and make comparisons to other countries around the world. Students apply critical thinking skills to create economic models and evaluate economic patterns. (03310300)

Dual Credit Psychology (8090)
Credit: 0.5, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
Students survey introductory topics such as learning, memory, sensation and perception, personality, life-span development, the physiological basis of behavior, stress, health, psychological disorders, social psychology, and research methods. (03350100)

Dual Credit Sociology (8091)
Credit: 0.5, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
This introductory course focuses on social behavior and organization of human society. This course describes the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students also learn the importance and role of culture, social structure, socialization, and social change in today's society. (03370100)

Dual Credit Texas State and Local Government (8499)
Credit: 0.5, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
This course introduces Texas state/local government, including an understanding of Texas government and politics and the constitutional basis for the processes, institutions, and policies of Texas government and politics. (03380022)

Dual Credit Spanish I, II, III, IV (8891, 8892, 8893, 8894)
Credit: 1, Semester **Grade: 9-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines.
Program of Study: Arts & Humanities - LOTE
The study of fundamentals of Spanish; conversation, writing, listening and reading comprehension, vocabulary, grammar, and culture. (03440100, 03440200, 03440300, 03440400)

Dual Credit ISTE 1370 Intro to Application Development Environment: Swift (8593)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Proficiency in knowledge and skills relating to Technology Applications, Grades 6-8 and Algebra I
Program of Study: STEM – Programming & Software Development and Apple Swift Coding
This course prepares students for the Mobile Application Programming Environment using Swift/Apple platform. (03580390)

Dual Credit COSC 1336 Programming Fundamentals I (8594)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: None
Program of Study: STEM – Programming & Software Development
This course introduces the fundamental concepts of structured programming. Topics include software development methodology, data types, control structures, functions, arrays, and the mechanics of running, testing, and debugging. This course assumes computer literacy. Students should either have taken or be currently enrolled in College Algebra or a course that requires College Algebra. (03580900)

Dual Credit COSC 1436 Programming Fundamentals I: Apple Swift I (8595)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: None
Program of Study: STEM – Programming & Software Development and Apple Swift Coding
This course introduces the fundamental concepts of structured programming and provides a comprehensive introduction to programming for computer science and technology majors. Topics include software development methodology, data types, control structures, functions, arrays, and the mechanics of running, testing, and debugging. This course assumes computer literacy. This course is included in the Field of Study Curriculum for Computer Science. (03580380)

Dual Credit COSC 1437 Programming Fundamentals II: Apple Swift II (8596)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: None
Program of Study: STEM – Programming & Software Development and Apple Swift Coding
This course focuses on the object-oriented programming paradigm, emphasizing the definition and use of classes along with fundamentals of object-oriented design. The course includes a basic analysis of algorithms, searching and sorting techniques, and an introduction to software engineering processes. Students will apply techniques for testing and debugging software. Apple/Swift will be the platform used for software development. (03580300)

Dual Credit ITSE 2370 Advanced Application Development: Swift (8597)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: One or more courses in Technology Applications
Program of Study: STEM – Programming & Software Development and Apple Swift Coding
Capstone course in advanced application development using Swift. Students create a portfolio. (03581500)

Dual Credit Art Appreciation (8955)
Credit: 1, Semester **Grade: 9-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students critically interpret and evaluate works of art within formal, cultural, and historical contexts. (03500110)

Dual Credit Music Appreciation (8998)
Credit: 1, Semester **Grade: 9-12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
Program of Study: Arts & Humanities - Music
This course is a general survey of various styles of music in America. Topics may include jazz, ragtime, folk, rock, and contemporary art music. (03155600)

Dual Credit EDUC 1301 (8588)
Credit: 2.0, Semester **Grade: 12**
Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines
Program of Study: Public Services – Teaching & Training
An integrated pre-service course and content experience for those interested in a teaching career. Activities focus on developing systematic observation skills and provide an overview of the dimensions of teaching. Students participate in a minimum of 16 contact hours in P-12 classrooms with varied and diverse student populations. The field observations take place in four settings: early childhood, elementary, middle, and high schools. The field observations are used to support the connection of theory to actual practice. Students must pass a criminal history background check and complete 16 hours of field observations in public schools. Field observations are scheduled during public school hours Monday-Thursday. Background checks and placements are addressed during the first week of class. (12701300)

Dual Credit EDUC 2301 (8589)
Credit: 2.0, Semester **Grade: 12**
Prerequisite: EDUC 1301, Complete ACC requirements, including TSI compliance, by deadlines
Program of Study: Public Services – Teaching & Training
An enriched, integrated, pre-service and content experience that provides an overview of schooling and classrooms from the perspectives of language, gender, socioeconomic status, ethnic/ethnicity, sexual orientation, academic diversity, and equity with an emphasis on factors that facilitate learning. Students participate in a minimum of 16 contact hours in P-12 classrooms with varied and diverse student populations. Service learning is used to support the connection of theory to the actual practice of developing meaningful learning experiences for diverse students. Students must pass a criminal history background check and complete 16 hours of service learning in public schools. Service Learning is scheduled during public school hours Monday-Thursday. Background checks and placements are addressed during the first week of class. (12701400)

Dual Credit Medical Terminology HPRS 1206 (8641)
Credit: 1, Semester **Grade: 12**
Prerequisite: Complete ACC requirements, including TSI compliance (ELAR), by deadlines; must submit an application and be accepted into the program prior to enrolling in the course
Program of Study: Health Sciences Academy
A study of word origin and structure through the introduction of prefixes, suffixes, root words, plurals, abbreviations and symbols, surgical procedures, medical specialties, and diagnostic procedures. (13020300)

Dual Credit Student Success for Health Professionals HPRS 1171 (8642)
Credit: 0.5, Semester **Grade: 12**
Prerequisite: Complete ACC requirements, including TSI compliance (ELAR), by deadlines; must submit an application and be accepted into the program prior to enrolling in the course
Program of Study: Health Sciences Academy
Austin Community College (ACC) requires all new students with fewer than 12 successful college credit hours on their transcript to take a Student Success course. This requirement will ensure that you learn more about setting and pursuing your academic and career goals, managing your college course load, mastering effective study skills, and creating a realistic college plan. Every associate degree plan at ACC includes a Student Success course in the first semester of the degree's Program Map. (N1290053)

Dual Credit Phlebotomy PLAB 1323 (8643)
Credit: 1, Semester **Grade: 12**
Prerequisite: Complete ACC requirements, including TSI compliance (ELAR), by deadlines; must submit an application and be accepted into the program prior to enrolling in the course; Biology and Chemistry
Program of Study: Health Sciences Academy
This course focuses on the developing skills in the performance of a variety of blood collection methods using proper techniques and standard precautions. This includes vacuum collection devices, syringes, capillary skin puncture, butterfly needles and blood culture, and specimen collection on adults, children, and infants. Emphasis is placed on infection prevention, patient identification, specimen labeling, quality assurance, specimen handling, processing, accessioning, professionalism, ethics, and medical terminology. (13020800)

Practicum for Phlebotomy PLAB 1166 (N/A)
Credit: N/A (taken the summer after graduation) **Grade: N/A**
Prerequisite: Complete ACC requirements, including TSI compliance (ELAR), by deadlines; must submit an application and be accepted into the program prior to enrolling in the course; must be 18 years of age
Program of Study: Health Sciences Academy
This course provides students practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. A health practicum may be a paid or unpaid learning experience.

Dual Credit Welding 1413 (8662)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A study of the principles of Gas Metal Arc Welding and Flux Cored Arc Welding, setup and use of Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) equipment, and safe use of tools/equipment. Instruction in various joint designs. (N1303684)

Dual Credit Welding 1417 (8656)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A fundamental course in layout and fabrication related to the welding industry. Major emphasis on structural shapes used in construction. (13002300)

Dual Credit Welding 1428 (8651)
Credit: 2, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
This course provides an introduction to the shielded metal arc welding process. Emphasis is placed on power sources, electrode selection, and various joint designs. (13032700)

Dual Credit Welding 1430 (8652)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A study of the principles of Gas Metal Arc Welding and Flux Cored Arc Welding, setup and use of Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) equipment, and safe use of tools/equipment. Instruction in various joint designs. (13032250)

Dual Credit Welding 1434 (8653)
Credit: 2, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
An introduction to the principles of gas tungsten arc welding (GTAW), setup/use of GTAW equipment, and safe use of tools and equipment. Welding instruction in various positions and joint designs. (13032300)

Dual Credit Welding 1435 (8655)
Credit: 2, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
An introduction to welding of pipe using the shielded metal arc welding process (SMAW), including electrode selection, equipment setup, and safe shop practices. Emphasis on various welding positions and electrodes. (13033000)

Dual Credit Welding 1457 (8654)
Credit: 2, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A study of the production of various fillets and groove welds. Preparation of specimens for testing in various positions. (13032800)

Dual Credit Welding 2179 (8659)
Credit: 1, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A study of the principles of Gas Metal Arc Welding and Flux Cored Arc Welding, setup and use of Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) equipment, and safe use of tools/equipment. Instruction in various joint designs. (13002350)

Dual Credit Welding 2435 (8661)
Credit: 2, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A study of the principles of Gas Metal Arc Welding and Flux Cored Arc Welding, setup and use of Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) equipment, and safe use of tools/equipment. Instruction in various joint designs. (13032500)

Dual Credit Welding 2451 (8657)
Credit: 2, Semester **Grade: 10-12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
This course covers advanced topics in GTAW welding, including welding in various positions and directions on sheet metal, pipe, tube, and exotic materials. (13032400)

Dual Credit Welding 2488 (8663)
Credit: 2, Semester **Grade: 12**
Prerequisite: Complete ACC requirements by deadlines
Program of Study: Business & Industry - PTECH
A work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. A learning plan is developed by the college and the employer. (13002500)

Appendix A: Automatic College Admissions

EXPLANATION OF AUTOMATIC COLLEGE ADMISSION AND CURRICULUM REQUIREMENTS FOR FINANCIAL AID FOR HIGH SCHOOL STUDENTS

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.

High school rank for students seeking automatic admission to a general academic teaching institution is determined and reported as follows.

(1) Class rank must be based on the student's rank at the end of the 11th grade, middle of the 12th grade, or at high school graduation, whichever is most recent at the application deadline.
(2) The top 10 percent of a high school class cannot contain more than 10 percent of the total class size.
(3) The student's rank must be reported by the student's high school or school district as a specific number out of a specific number total class size.
(4) Class rank shall be determined by the school or school district from which the student graduated or is expected to graduate.

A student is considered to have satisfied the course requirements of the RHSP, DAP, or the distinguished level of achievement under the Foundation High School Program if the student completed the portion of those programs that was available to the student but which the student was unable to complete because the courses were unavailable as a result of circumstances not within the student's control.

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.

Texas colleges and universities are required to admit an applicant for admission as an undergraduate student if the applicant is the child of a public servant who was killed or sustained a fatal injury in the line of duty and meets the minimum requirements, if any, established by the governing board of the college or university for high school or prior college-level grade point average and performance on standardized tests.

* The University of Texas at Austin (UT) is not required to automatically admit applicants in excess of 75% of its enrollment capacity for first-time resident undergraduate students. Should the number of applicants who qualify for automatic admission exceed 75% of enrollment capacity, UT must provide notice of the percentage of qualified applicants that are anticipated to be offered admission.

State Financial Aid Programs with Curriculum Requirements
Under TEC, Title 3, there are several state financial aid programs available for Texas public high school students. The following state financial aid programs include certain curriculum requirements to 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 financial aid webpage at http://www.collegeforalltexans.com/apps/financialaid/tofa2.cfm?ID=458.

Individuals interested in the following financial aid opportunities are strongly encouraged to check the status of each grant program for the anticipated year(s) of enrollment in an institution of higher education at http://www.collegeforalltexans.com/apps/financialaid/tofa2.cfm?ID=458.

Texas B-On-Time (BOT):
Applicants must meet one of the following academic requirements:

a. Graduated in the 2002–2003 academic year or later under the RHSP or DAP, or its equivalent
b. Earned an associate's degree from an eligible institution no earlier than May 1, 2005

Top Ten Percent Scholarship
To receive an initial award through the Top 10 Percent Scholarship Program, a student must have graduated while ranked in the top 10 percent of his or her graduating class and completed the RHSP or DAP curriculum or earned the distinguished level of achievement on the Foundation High School Program (or the equivalent) at an accredited public high school in Texas, or the equivalent at an accredited private high school in Texas.

TEXAS Grant

Basic Initial Year (IY) Student Eligibility Curriculum Requirements
A student must complete the Foundation High School Program, RHSP, or DAP (or the equivalent).

Priority Model Initial Year (IY) Student Curriculum Eligibility Requirements
In addition to the basic initial year (IY) student eligibility requirements, to receive priority consideration for an IY award through the TEXAS Grant Program, a student must meet at least one requirement in at least two of the four following areas:

AREA	REQUIREMENT(S)
Advanced Academic Program	Earn 12 hours of college credit (dual credit or AP courses), complete the Distinguished Achievement Program (DAP), or complete the International Baccalaureate (IB) Program
TSI Readiness	Meet the Texas Success Initiatives (TSI) assessment thresholds or qualify for an exemption
Class Standing	Graduate in the top one/third of the HS graduating class or have a B average
Advanced Math	Complete at least one math course beyond Algebra II as determined by the Texas Education Agency (TEA) or complete at least one advanced career and technical course, as determined by TEA

A full list of TEXAS Grant eligibility requirements is provided at http://www.collegeforalltexans.com/apps/financialaid/tofa2.cfm?ID=458.

My signature below constitutes my acknowledgment that I have been provided with a copy of the explanation of automatic college admission and curriculum requirements for the financial aid form.

_____ Date _____
Date Signature of Student

_____ Date _____
Signature of Parent or Guardian

_____ Date_____
Signature of School Counselor