

# **Elgin Independent School District High School Course Guide 2026 – 2027**



***Elgin ISD Changes Lives***

**One Town  
One Team  
One Family**

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Cristanne Plummer, *Associate Principal*  
Bonnie Bosarge, *Lead Counselor*

### **District Vision Statement**

Elgin ISD changes lives

### **Compelling Purpose**

In Elgin ISD, we believe that every student deserves access to engaging, innovative learning experiences so that they are provided choice and opportunity for their future.

*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 educativos, 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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Elgin, TX 78621

(512) 281-9731; [www.elginisd.net](http://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 Study. 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
- Early College High School

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

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# Elgin Independent School District Information

## Awarding of Credits

For a two-semester course, each semester's grade stands on its own. Full credit will be awarded if the average of the fall and spring semesters, regardless of the year taken, is at least 70. This includes grades earned through credit recovery (with a 70 or better). Students transferring in during the spring semester with a failing fall semester grade may receive credit.

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. Students are reclassified at the end of each semester. Fourth year students are reclassified at the end of each grading period, if needed.

|           |              |                       |
|-----------|--------------|-----------------------|
| 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: <https://www.elginisd.net/departments/teaching-learning/assessment-accountability/assessments>

## 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<sup>1</sup>. The students ranked as numbers one and two shall be selected to give honor addresses for graduation exercises.

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

---

<sup>1</sup> 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.

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. 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 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Level 1<br>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<br>1.0      | ❖ Core Subjects & LOTE (Language Other Than English)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Level 3<br>1.1      | ❖ Advanced Core Subjects & LOTE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Level 4<br>1.2      | ❖ Core Subjects & LOTE: Advanced Placement (AP), Dual Credit, & OnRamps<br><br>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.<br><br>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. |

**\*Core subjects:** English, math, social studies, science, and LOTE as defined in the Texas Education Agency (TEA) in Chapter 74 of the Texas Administrative Code

\*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)

### Requesting to Take Courses as Pass/Fail

A **senior** may choose to take a course on a pass/fail (P/F) basis, if the course is beyond state and district graduation requirements in that subject area and won't be used to satisfy the elective credit requirement for the graduation plan the student has declared. The request form must be filed with the counselor by the 10th day of enrollment in the course. The request may **not** be revoked at any time. Students enrolled in a pass/fail course must still meet UIL eligibility requirements. Numerical grades shall be issued each six weeks for UIL purposes. The numerical grade shall not be figured into GPA calculations for class rank purposes.

**\*\*The GPA chart is subject to change based on the comptroller's ruling from SB 1191 and/or board policy.**

## Early Graduation

A student may choose to graduate from high school in fewer than four years. To pursue early graduation, a student, and their parent/guardian, must meet with the counselor to review the graduation plan and submit the Elgin ISD Request To Graduate Early Form, which can be obtained from your school counselor. To ensure the student is scheduled to meet all graduation requirements, the following is required:

- The student is required to graduate on the Foundation High School Program.
- Distinguished Level of Achievement is encouraged.
- The student is required to meet a College, Career, and Military Readiness (CCMR) indicator to be considered for early graduation. No exceptions.
- The student must meet STAAR EOC requirements.
- All other graduation requirements per TAC §74 (FAFSA, Community Safety, Speech proficiency, CPR).

### Timeline:

- Students must have an application on file with his/her counselor no later than October 1 of the current school year.

### Other considerations:

- Only two .5 credits of Original Credit in Edgenuity (ex: Eng 4 B, Gov/Eco) may be taken in summer school and used to meet early graduation requirements.
- If correspondence courses are used to meet graduation requirements, students are responsible for the associated cost.

### December Graduates ( 3 1/2 year grads):

- Final transcripts will be available during summer after graduation (see counselor and/or registrar for questions).
- December graduates are eligible to participate in the May graduation ceremony.
- December graduates are eligible to participate in all senior activities, but are expected to follow the Elgin ISD Student Code of Conduct.
- Final GPA and class rank will be calculated using the grades from his/her final semester of enrollment. If a student meets graduation requirements in December, the final GPA and class rank will be calculated on the last semester that the student was enrolled in high school. The student will not be re-ranked with the final ranking to determine honor graduates. The student will be seated by alpha order.
- TX First Early High School  
<https://tea.texas.gov/academics/graduation-information/state-graduation-requirements/texas-first-early-high-school-completion-program>

### May Graduates (3 year grads):

- Students' final rank will be with the graduating class.
- Three year graduates are eligible to participate in the May graduation ceremony.
- Early Graduates will not be ranked higher than 3rd in the senior class rank.
- Final GPA and class rank will be calculated using the grades from his/her final semester of enrollment.

An early graduate's final GPA and class rank will be calculated using the grades from his/her final semester of enrollment. If a student meets graduation requirements in December, the final GPA and class rank will be calculated based on the last semester that the student was enrolled in high school. The student will **not** be re-ranked with the 5th six weeks final ranking to determine honor graduates. Therefore, the student will sit alphabetically with classmates at graduation ceremonies regardless of the final ranking he/she received.

Early graduates are permitted to participate in all senior activities in the Spring prior to graduation. Students may not take original credit(s) on any electronic platform to meet requirements for early graduation without approval from the Chief Academic Officer or designee. See Policy EIC Local.

### *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 3<sup>rd</sup> 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.

## 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                                                                                                                                                                                                                                                                                                                                       |
| <ul style="list-style-type: none"> <li>• How would teachers/family describe your strengths?</li> <li>• What are your strong subjects?</li> <li>• Are your current grades a reflection of your effort/ability?</li> <li>• Are you satisfied with your current level of challenge?</li> <li>• How have you performed on STAAR, PSAT, NWEA MAP, and classroom assessments?</li> </ul> | <ul style="list-style-type: none"> <li>• How do you study, take notes, and stay organized?</li> <li>• When you are confused or absent, do you ask for help and/or access campus resources?</li> <li>• Do you value hard work and challenging course content over GPA?</li> </ul> | <ul style="list-style-type: none"> <li>• What are your family and extracurricular commitments outside the school day? How do you balance commitments?</li> <li>• Are you absent six days or less per semester?</li> </ul> | <ul style="list-style-type: none"> <li>• What are your career interests?</li> <li>• What education is required? <ul style="list-style-type: none"> <li>○ 4-year/2-year University</li> <li>○ Career/ Technology</li> <li>○ Apprenticeship</li> <li>○ Military</li> </ul> </li> <li>• Do your selected courses help you reach your goal?</li> </ul> |

### 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

#### 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

#### 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

#### 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 has an allowable drop period from the first day of school until the end of 1st-3 weeks. After that point, a request to exit an AP or Advanced course at the end of the 1<sup>st</sup> nine weeks or the end of the 1<sup>st</sup> semester may occur after the following steps are complete:

- Student attends a minimum 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](http://www.collegeboard.org) or see their counselor for additional information.

### *Associate Degree Programs with Austin Community College*

Elgin ISD is committed to helping students graduate high school with college credit or industry-recognized certifications. In partnership with Austin Community College (ACC), the district offers two programs: Early College High School (ECHS) and Pathways in Technology Early College High School (P-TECH). These programs operate as a school-within-a-school and allow students to earn up to 60 college credit hours toward the Texas Core Curriculum or an associate degree at no cost to families.

The ECHS program offers two Associate of Arts degree pathways through ACC. The P-TECH Academy partners with local welding industry partners and allows students to earn an Associate of Applied Science in Welding Technology, along with an American Welding Society (AWS) certification. Most college credits earned are transferable to Texas colleges and universities; however, transfer policies may vary by institution. Students interested in ECHS or P-TECH should contact the ECHS Dual Credit Coordinator or their school counselor for program details and application information.

Associate and Core plans for both programs can be found on pages 14-17. Refer to the chart *Comparison of College Credit Programs Offered at EHS* on page 18 for more information.

# Early College High School Crosswalk: Plan A

Degree or Certification: Associate of Art Degree

| Austin Community College Courses: <u>ECHS Plan A</u> |                                                                                                                                                                                                                                                                                                                                                                                   | Elgin High School Graduation Requirements                                                                                                                                                                                                      |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-Req                                              | TSI Requirement or Exemption                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                |
| 9th                                                  | EDUC 1300: Learning Framework: Effective Strategies for College Success                                                                                                                                                                                                                                                                                                           | English Language Arts - 4 Credits <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III (*ENGL 1301 &amp; *ENGL 1302)</li> <li>English IV (*ENGL 2322)</li> </ul>                                          |
| 10th                                                 | ARTS 1301: Art Appreciation<br>SPCH 1315: Public Speaking<br>SPAN 1411: Spanish I<br>SPAN 1412: Spanish II                                                                                                                                                                                                                                                                        | Mathematics - 4 Credits <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>Algebra II</li> <li>Advanced Math (*MATH 1314 or *MATH 1332)</li> </ul>                                                                    |
| 11th                                                 | ENGL 1301: English Composition I<br>ENGL 1302: English Composition II<br>HIST 1301: United States History I<br>HIST 1302: United States History II<br>SOCI 1301: Introduction to Sociology<br>HUMA 1302: Humanities: Renaissance to Present<br>PSYC 2301: Introduction to Psychology                                                                                              | Science - 4 Credits <ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry</li> <li>Physics</li> <li>Advanced Science (*ENVR 1301 or *BIO 1309)</li> </ul>                                                                          |
| 12th                                                 | MATH 1314: College Algebra or<br>MATH 1332: Contemporary Mathematics or<br>MATH 1332: Statistics<br><br>ECON 2301: Principles of Macroeconomics<br>ENGL 2322: British Literature I<br>ENGL 2323: British Literature II<br>ENVR 1301: Introduction to Environmental Science<br>BIOL 1309: Life on Earth<br>GOVT 2305: U.S. Government<br>GOVT 2306: Texas State & Local Government | Social Studies - 4 Credits <ul style="list-style-type: none"> <li>World Geography or AP Human Geography</li> <li>World History</li> <li>US History (*HIST 1302)</li> <li>US Government (*GOVT 2305)</li> <li>Economics (*ECON 2301)</li> </ul> |
|                                                      |                                                                                                                                                                                                                                                                                                                                                                                   | Language Other than English - 2 Credits <ul style="list-style-type: none"> <li>Foreign Language (*SPAN 1411 &amp; *SPAN 1412)</li> <li>Computer Programming Language</li> </ul>                                                                |
|                                                      |                                                                                                                                                                                                                                                                                                                                                                                   | Fine Arts Course - 1 Credit <ul style="list-style-type: none"> <li>See Course Guide (ARTS 1301)</li> </ul>                                                                                                                                     |
|                                                      |                                                                                                                                                                                                                                                                                                                                                                                   | Physical Education - 1 Credit <ul style="list-style-type: none"> <li>Physical Education, Athletics, or PE substitution</li> </ul>                                                                                                              |
|                                                      |                                                                                                                                                                                                                                                                                                                                                                                   | Elective Courses - 7 Credits <ul style="list-style-type: none"> <li>Speech (*SPCH 1315)</li> <li>See course guide (EDUC 1300, SOCI 1301, HUMA 1302, PSYC 2301, HIST 1301, ENGL 2323, GOVT 2306)</li> </ul>                                     |
| Credits                                              | 62 College Credits                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                |
| Note                                                 | Summer school is a requirement for any student that failed a course and did not receive credit.                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                |

^course is included in student's weighted GPA (used to determine class rank)

\*course is included in student's weighted GPA at level 4 (with a multiplier of 1.2)

# Early College High School Crosswalk: Plan B

Degree or Certification: Associate of Art Degree

| Austin Community College Courses: <u>ECHS Plan B</u> |                                                                                                                                                                                                                                                                                                                                                                                   | Elgin High School Graduation Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-Req                                              | TSI Requirement or Exemption                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 9th                                                  | EDUC 1300: Learning Framework: Effective Strategies for College Success                                                                                                                                                                                                                                                                                                           | English Language Arts - 4 Credits <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III (*ENGL 1301 &amp; *ENGL 1302)</li> <li>English IV (*ENGL 2322)</li> </ul> Mathematics - 4 Credits <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>Algebra II</li> <li>Advanced Math (*MATH 1314 or *MATH 1332)</li> </ul> Science - 4 Credits <ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry</li> <li>Physics</li> <li>Advanced Science (*ENVR 1301 or *BIO 1309)</li> </ul> Social Studies - 4 Credits <ul style="list-style-type: none"> <li>World Geography or AP Human Geography</li> <li>World History</li> <li>US History (*HIST 1302)</li> <li>US Government (*GOVT 2305)</li> <li>Economics (*ECON 2301)</li> </ul> Language Other than English - 2 Credits <ul style="list-style-type: none"> <li>Foreign Language</li> <li>Computer Programming Language</li> </ul> Fine Arts Course - 1 Credit <ul style="list-style-type: none"> <li>See Course Guide (ARTS 1301)</li> </ul> Physical Education - 1 Credit <ul style="list-style-type: none"> <li>Physical Education, Athletics, or PE substitution</li> </ul> Elective Courses - 7 Credits <ul style="list-style-type: none"> <li>Speech (*SPCH 1315)</li> <li>See course guide (EDUC 1300, SOCI 1301, HUMA 1301, HUMA 1302, PSYC 2301, MUSI 1310, HIST 1301, ENGL 2323, GOVT 2306)</li> </ul> |
| 10th                                                 | ARTS 1301: Art Appreciation<br>SPCH 1315: Public Speaking<br>HUMA 1301: Humanities: Prehistory to Renaissance<br>HUMA 1302: Humanities: Renaissance to Present                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 11th                                                 | ENGL 1301: English Composition I<br>ENGL 1302: English Composition II<br>HIST 1301: United States History I<br>HIST 1302: United States History II<br>SOCI 1301: Introduction to Sociology<br>MUSI 1310: American Music / Music Appreciation<br>PSYC 2301: Introduction to Psychology                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 12th                                                 | MATH 1314: College Algebra or<br>MATH 1332: Contemporary Mathematics or<br>MATH 1332: Statistics<br><br>ECON 2301: Principles of Macroeconomics<br>ENGL 2322: British Literature I<br>ENGL 2323: British Literature II<br>ENVR 1301: Introduction to Environmental Science<br>BIOL 1309: Life on Earth<br>GOVT 2305: U.S. Government<br>GOVT 2306: Texas State & Local Government |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Credits                                              | 60 College Credits                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Note                                                 | Summer school is a requirement for any student that failed a course and did not receive credit.                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

\*course is included in student's weighted GPA (used to determine class rank)

\*course is included in student's weighted GPA at level 4 (with a multiplier of 1.2)

# Early College High School Crosswalk: Core Curriculum

Degree or Certification: Non-Degree Plan

| Austin Community College Courses: <u>ECBS Core Curriculum</u> |                                                                                                                                                                                                                                                                                                                                                         | Elgin High School<br>Graduation Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Pre-Req</b>                                                | <b>TSI Requirement or Exemption</b>                                                                                                                                                                                                                                                                                                                     | <p>English Language Arts - 4 Credits</p> <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III <b>(*ENGL 1301 &amp; *ENGL 1302)</b></li> <li>English IV</li> </ul> <p>Mathematics - 4 Credits</p> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>Algebra II</li> <li>Advanced Math <b>*(MATH 1314 or *MATH 1332)</b></li> </ul> <p>Science - 4 Credits</p> <ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry</li> <li>Physics</li> <li>Advanced Science <b>(*ENVR 1301 &amp; *BIO 1309)</b></li> </ul> <p>Social Studies - 4 Credits</p> <ul style="list-style-type: none"> <li>World Geography or AP Human Geography</li> <li>World History</li> <li>US History <b>(*HIST 1302)</b></li> <li>US Government <b>(*GOVT 2305)</b></li> <li>Economics <b>(*ECON 2301)</b></li> </ul> <p>Language Other than English - 2 Credits</p> <ul style="list-style-type: none"> <li>Foreign Language</li> <li>Computer Programming Language</li> </ul> <p>Fine Arts Course - 1 Credit</p> <ul style="list-style-type: none"> <li>See Course Guide <b>(ARTS 1301)</b></li> </ul> <p>Physical Education - 1 Credit</p> <ul style="list-style-type: none"> <li>Physical Education, Athletics, or PE substitution</li> </ul> <p>Elective Courses - 7 Credits</p> <ul style="list-style-type: none"> <li>Speech <b>(*SPCH 1315)</b></li> <li>See course guide <b>(EDUC 1300, SOCI 1301, PSYC 2301, GOVT 2306, HIST 1301)</b></li> </ul> |
| 9th                                                           | EDUC 1300: Learning Framework: Effective Strategies for College Success                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 10th                                                          | ARTS 1301: Art Appreciation<br>SPCH 1315: Public Speaking<br>SOCI 1301: Introduction to Sociology<br>PSYC 2301: Introduction to Psychology                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 11th                                                          | ENGL 1301: English Composition I<br>ENGL 1302: English Composition II<br>HIST 1301: United States History I<br>HIST 1302: United States History II                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 12th                                                          | MATH 1314: College Algebra <b>or</b><br>MATH 1332: Contemporary Mathematics <b>or</b><br>MATH 1332: Statistics<br>ECON 2301: Principles of Macroeconomics<br>ENGL 2322: British Literature I<br>ENVR 1301: Introduction to Environmental Science<br>BIOL 1309: Life on Earth<br>GOVT 2305: U.S. Government<br>GOVT 2306: Texas State & Local Government |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Credits                                                       | 48 College Credits                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Note                                                          | Summer school is a requirement for any student that failed a course and did not receive credit.                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

# Pathways in Technology Crosswalk: Welding

Degree or Certification: Associate of Applied Science Degree, Structural Welding Level I Certificate, OSA

| Austin Community College Courses: <b><u>P-TECH Welding</u></b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Elgin High School<br>Graduation Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-Req                                                        | TSI Requirement or Exemption (Non-Welding Classes)                                                                                                                                                                                                                                                                                                                                                                                                                         | English Language Arts - 4 Credits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 9th                                                            | EDUC 1300: Learning Framework: Effective Strategies for College Success                                                                                                                                                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III (*ENGL 1301 &amp; *ENGL 1302)</li> <li>English IV</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 10th                                                           | WLDG 1428: Intro to Shielded Metal Arc<br>WLDG 1430: Intro to Gas Metal Arc Welding and Welding Flux Cored Arc Welding<br>POFT 1171: College to Career Success<br>WLDG 1434: Intro to Gas Tungsten Arc Welding<br>WLDG 1457: Intermediate Shielded Metal Arc Welding (Prerequisite: WLDG 1428)                                                                                                                                                                             | Mathematics - 4 Credits <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>Algebra II</li> <li>Advanced Math (*MATH 1314 or* MATH 1332)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 11th                                                           | <sup>2</sup> WLDG 1413: Intro to Blueprint Reading for Welders<br><sup>3</sup> WLDG 1417: Intro to Layout and Fabrication (Prerequisite: WLDG 1430 & 1434)<br>ENGL 1301: English Composition I<br>HIST 1301: United States History I<br>WLDG 2431: Adv. Blueprint Interpretation & Cost Analysis (Prerequisite: WLDG 1413)<br>WLDG 2435: Adv. Layout and Fabrication (Prerequisite: WLDG 1417)<br>ENGL 1302: English Composition II<br>HIST 1302: United States History II | Science - 4 Credits <ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry</li> <li>Physics</li> <li>Advanced Science</li> </ul> Social Studies - 4 Credits <ul style="list-style-type: none"> <li>World Geography or AP Human Geography</li> <li>World History</li> <li>US History (*HIST 1302)</li> <li>US Government</li> <li>Economics</li> </ul>                                                                                                                                                                                                                                                                                                                      |
| 12th                                                           | MATH 1314: College Algebra <u>or</u><br>MATH 1332: Contemporary Mathematics<br>WLDG 2451: Adv. Gas Tungsten Arc Welding (Prerequisite: WLDG 1434)<br>WLDG 1435: Intro to Pipe Welding (Prerequisite: WLDG 1457)<br>WLDG 2488: Internship - Welding Technology/Welder (Prerequisite: WLDG 1457)<br><sup>4</sup> WLDG 2179: Welder Qualification (Prerequisite: WLDG 1457)<br>HUMA 1302: Humanities: Renaissance to Present                                                  | Language Other than English - 2 Credits <ul style="list-style-type: none"> <li>Foreign Language</li> <li>Computer Programming Language</li> </ul> Fine Arts Course - 1 Credit <ul style="list-style-type: none"> <li>See Course Guide</li> </ul> Physical Education - 1 Credit <ul style="list-style-type: none"> <li>Physical Education, Athletics, or PE substitution</li> </ul> Elective Courses - 7 Credits <ul style="list-style-type: none"> <li>Speech (*SPCH 1315)</li> <li>See course guide (EDUC 1300, POFT 1171, WLDG 1428, WLDG 1430, WLDG 1434, WLDG 1457, WLDG 1413, WLDG 1417, WLDG 2431, WLDG 2435, WLDG 2451, WLDG 1435, WLDG 2488, WLDG 2179, HUMA 1302)</li> </ul> |
| Credits                                                        | 65 College Credits                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Note                                                           | Summer school is a requirement for any student that failed a course and did not receive credit.                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

<sup>2</sup> Multiple Process Welding - Occupational Skills Award (OSA) 1428, 1430, 1413

<sup>3</sup> Level I Certification Award 1428, 1430, 1434, 1413, 1417, 2431

<sup>4</sup> AWS Certification

| COLLEGE COURSE                                      | COLLEGE COURSE NUMBER | HIGH SCHOOL COURSE NAME                         | PEIMS NUMBER | NUMBER OF CREDITS |
|-----------------------------------------------------|-----------------------|-------------------------------------------------|--------------|-------------------|
| *Introduction to Visual Arts                        | ARTS 1301             | Art I, Art Appreciation                         | 3500110      | 1                 |
| *Life on Earth                                      | BIOL 1309             | Env Systems                                     | 3020000      | 1                 |
| Introduction to Theater                             | DRAM 1310             | Theater I, Theater Arts                         | 3250100      | 1                 |
| *Principles of Macroeconomics                       | ECON 2301             | Economics                                       | 3310300      | 0.5               |
| *Effective Learning: Strategies for College Success | EDUC 1300             | PATHCC1                                         | 3270100      | 0.5               |
| *English Comp I                                     | ENGL 1301             | English 3A (Juniors)                            | 3220300      | 0.5               |
| *English Comp II                                    | ENGL1302              | English 3B (Juniors)                            | 3220300      | 0.5               |
| *English Comp I                                     | ENGL 1301             | English 4A (Seniors- first time DC)             | 3220400      | 0.5               |
| *English Comp II                                    | ENGL 1302             | English 4B (Seniors - first time taken)         | 3220400      | 0.5               |
| *British Literature: Anglo Saxon                    | ENGL 2322             | English 4A & English 4B                         | 3220400      | 1                 |
| *British Literature II                              | ENGL 2323             | Independent Study in English (First Time Taken) | 3221800      | 0.5               |
| *US Government                                      | GOVT 2305             | US Government                                   | 3330100      | 0.5               |
| *Texas Government                                   | GOVT 2306             | Special Topics SS 2 (Second time taken)         | 3380022      | 0.5               |
| *US History I                                       | HIST 1301             | Special Topics SS 1 (First time Taken)          | 3380002      | 0.5               |
| *US History II                                      | HIST1302              | US History A & US History B                     | 3340100      | 1                 |
| *Humanities: Prehistory to Renaissance              | HUMA 1301             | Humanities I (First Time Taken)                 | 3221600      | 0.5               |
| *Humanities: Renaissance to Present                 | HUMA 1302             | Humanities II (Second Time Taken)               | 3221610      | 0.5               |
| *College Algebra                                    | MATH 1314             | Independent Study in Math (First Time Taken)    | 3102500      | 1                 |
| Elementary Statistics                               | MATH 1342             | Statistics                                      | 3102530      | 1                 |
| *Introduction to Psychology                         | PSYC 2301             | Psychology                                      | 3350100      | 0.5               |
| *Introduction to Sociology                          | SOCI 1301             | Sociology                                       | 3370100      | 0.5               |
| *Spanish I                                          | SPAN 1411             | Spanish 4                                       | 3440300      | 1                 |
| *Spanish II                                         | SPAN 1412             | Spanish 5                                       | 3440400      | 1                 |
| Public Speaking                                     | SPCH 1315             | Public Speaking I                               | 3240900      | 0.5               |

\* Dual Credit courses offered at ECHS and EHS

## *Career Academies with Austin Community College*

The Austin Community College Career Academies provide the most advanced and comprehensive course offerings possible to students utilizing the most advanced technologies available. Through Elgin High School's Career and Technical Education program, these academies offer students a variety of dual-credit courses in specialized workforce programs with the ability to earn Level I workforce certificates.

## *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 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.

## *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.

## *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:

- a combined score of 40 on the ACT English and Reading (E+R) tests shall exempt both reading and writing or ELAR sections of the TSI Assessment.
- a score of 22 on the ACT Mathematics test shall exempt the mathematics section of the TSI assessment with no composite score required.
- scores from both the ACT administered after February 15, 2023, are allowed to be used, as long as the benchmarks set forth in the first two bullets of this list are met.
- a minimum score of 530 on the SAT Mathematics test shall exempt the Math section of the TSIA.
- a minimum score of 480 on the SAT Evidence-Based Reading and Writing test earns an exemption for the reading and writing sections of the TSIA.
- served on active duty for at least 3 years preceding college enrollment, is a veteran, or a student who is or has served as a member of a reserve component of the U.S. armed services.
- transferred from another institution having satisfactorily completed college-level coursework; or

- enrolled in a certificate program of one year or less (Level One certificates) at a public institution. Student Access to TSIA Scores

If you think you may be exempt, please contact an advisor at your institution. For more information, visit the website at [www.theccb.state.tx.us](http://www.theccb.state.tx.us)

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.

| Exempt for TSI Math |                                                                                                                                                                                                                                                                                                                                     | Exempt for TSI ELAR                                                                                                                                        |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SAT                 | Math 530                                                                                                                                                                                                                                                                                                                            | Reading & Writing (EBRW) 480                                                                                                                               |
| ACT                 | Administered after February 15, 2023: Math Sub Score of 22                                                                                                                                                                                                                                                                          | Administered after February 15, 2023: Combined Score of 40 on the English and Reading (E+R) tests                                                          |
| TSIA Scores         | Mathematics: 950 OR 910-949 + diagnostic score of 6                                                                                                                                                                                                                                                                                 | Essay score of 4 and multiple choice of 340 or higher; OR multiple choice of less than 340, an ABE diagnostic level of at least 4, and essay of at least 5 |
| Non-Degree Seeking  | Students who are admitted and considered non-degree seeking                                                                                                                                                                                                                                                                         |                                                                                                                                                            |
| Military            | Active duty military members of the armed forces of the United States, the Texas National Guard, or a member of a reserve component of armed forces of the U.S. will be exempted (letter from commanding officer required). This temporary exemption will be valid for only one semester; orders must be resubmitted each semester. |                                                                                                                                                            |

*Chart – Comparison of College Credit Programs*

| Program                             | Advanced Placement                                                                           | ECHS                                                                                                     | P-TECH                                                                                                              | ACC Career Academies                                                                                  | Dual Credit                                                                          | 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 Junior & Senior year a variety of dual credit courses in workforce programs. | Earn credit for both high school and college at the same time on a flexible schedule | 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; Core 42                                                                       | Associate of Applied Science Degree; Structural Welding Level I cert., Pipe Welding Level I cert, AWS Level I cert. | Level I Workforce Certificates (varies); Occupational Skills Award                                    | Not applicable                                                                       | 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                                                                                                                      |
| 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 | ACC Career Academies | Dual Credit | 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.<br><br>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. <sup>1</sup>                                                                                                           |        |                      |             | Course grade appears on student's high school transcript. A student may accept or decline the college grade <sup>1</sup>                                                                                                  |
| 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 – <i>Weighted GPA Courses</i> for a complete list of eligible courses. |                                                                                                                                                                                                |        |                      |             |                                                                                                                                                                                                                           |

<sup>1</sup>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.

### *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.

### Other Graduation Requirements

#### *Speech Requirement*

Demonstrated proficiency, in Grade 8 or higher, as determined by the district in which the student is enrolled, in delivering clear verbal messages; choosing effective nonverbal behaviors; listening for desired results; applying valid critical-thinking and problem-solving processes; and identifying, analyzing, developing, and evaluating communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations.

#### *Financial Aid Requirement*

In accordance with Texas Education Code (TEC), §28.0256, each student must do one of the following in order to graduate:

- Complete and submit a Free Application for Federal Student Aid (FAFSA);
- Complete and submit a Texas Application for State Financial Aid (TASFA); or
- Submit a signed opt-out form.

#### *Requirements for Instruction in Cardiopulmonary Resuscitation (CPR).*

(a) A school district or an open-enrollment charter school shall provide instruction to students in Grades 7-12 in cardiopulmonary resuscitation (CPR).

The instruction:

- (1) may be provided as a part of any course; and
- (2) must be provided to each student at least once before graduation from high school.

*In 2023, the 88th Texas Legislature, Regular Session, passed HB 4375, which further amended TEC, §28.0023, to add instruction in the use of an AED to the requirements for instruction in CPR. Additionally, the legislation added the requirement that CPR instruction must include training in CPR techniques and the use of AEDs. The adopted amendment requires the instruction in the use of an AED beginning with students who enter Grade 7 in the 2024-2025 school year (Cohort 2030) .*

## *Requirements for Instruction on Proper Interaction with Peace Officers*

A school district or open-enrollment charter school shall provide instruction in one or more courses to students in Grades 9-12 on proper interaction with peace officers during traffic stops and other in-person encounters.

For more information on graduation plans and requirements, access the [Texas Education Agency Graduation Toolkit](#).

## MyTexas Future

[Senate Bill 2314](#), passed by the 89th Texas Legislature requires school districts annually notify students

1. of the option to create or update annually a profile and account in MyTexas Future
2. that a student or their parent is permitted to update or revise their own profile in MyTexas Future
3. that a student or parent of a student who creates a profile and account under this section, may opt out of one or more programs offered and
4. of the graduation requirement for a student or parent to indicate whether the student wishes to opt in to allowing the board to share the student's data and educational records with institutions of higher education for the purpose of participating in the direct admissions program

SB 2314 is effective with the school year 2026-2027, however TEA and the Texas Higher Education Coordinating Board have not released their approved opt out forms at the time this publication was printed. When this information is available, the online version of the Elgin ISD Course Catalog will be updated.

## 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 2 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 Study 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

### *Required Notification Regarding Algebra II as a High School Graduation Requirement*

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

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

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

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

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

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

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

*Chart – Elgin ISD Graduation Requirements Summary*

|                                     | Foundation Graduation Program <sup>1</sup>                                                                                                                                                                  | Foundation Graduation Program with Endorsements                                                                                                                                                                                | Distinguished Level of Achievement (DLA) <sup>2</sup>                                                                                                                                                                          |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| English Language Arts               | 4 Credits <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV</li> </ul>                                                                          | 4 Credits <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV</li> </ul>                                                                                             | 4 Credits <ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV</li> </ul>                                                                                             |
| Mathematics                         | 3 Credits <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>Advanced math course</li> </ul>                                                                                       | 4 Credits <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>Two advanced math courses</li> </ul>                                                                                                     | 4 Credits <sup>3</sup> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>Algebra II</li> <li>Advanced math course</li> </ul>                                                                         |
| Science                             | 3 Credits <ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry or Physics</li> <li>Advanced science course</li> </ul>                                                                          | 4 Credits <ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry or Physics</li> <li>Two advanced science courses</li> </ul>                                                                                        | 4 Credits <ul style="list-style-type: none"> <li>Biology</li> <li>Chemistry or Physics</li> <li>Two advanced science courses</li> </ul>                                                                                        |
| Social Studies                      | 3 Credits <ul style="list-style-type: none"> <li>World Geography or World History</li> <li>US History</li> <li>US Government (0.5) and Economics (0.5)/Personal Financial Literacy (cohort 2030)</li> </ul> | 4 Credits <sup>4</sup> <ul style="list-style-type: none"> <li>World Geography</li> <li>World History</li> <li>US History</li> <li>US Government (0.5) and Economics (0.5)/Personal Financial Literacy (cohort 2030)</li> </ul> | 4 Credits <sup>4</sup> <ul style="list-style-type: none"> <li>World Geography</li> <li>World History</li> <li>US History</li> <li>US Government (0.5) and Economics (0.5)/Personal Financial Literacy (cohort 2030)</li> </ul> |
| Languages Other than English (LOTE) | 2 credits <sup>5</sup><br>In the same language or computer programming language                                                                                                                             | 2 credits <sup>5</sup><br>In the same language or computer programming language                                                                                                                                                | 2 credits <sup>5</sup><br>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<br>Including Speech (0.5)                                                                                                                                                                         | 6 credits<br>Including Speech (0.5)                                                                                                                                                                                            | 6 credits<br>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 26                                                                                                                                                                                                                    | At least 26                                                                                                                                                                                                                    |

<sup>1</sup>Foundation Graduation Program is only granted by permission of administration after a student's 10<sup>th</sup> grade year. Distinguished Level of Achievement is EISD's default graduation plan and is required for automatic college admission under the Texas Top 10% provisions.

<sup>3</sup>EISD highly recommends students to complete four years of math while in high school, even if students earn high school math credit in middle school.

<sup>4</sup>While the state only requires three social studies credits, EISD recommends four social studies credits under these graduation plans.

<sup>5</sup>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 fields 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.

### Arts & Humanities Endorsement Programs

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

| <b>Arts &amp; Humanities</b>      | <b>9<sup>th</sup> Grade</b>                                                                                                                                                                                                                                                                                                                                                | <b>10<sup>th</sup> Grade</b>            | <b>11<sup>th</sup> Grade</b>             | <b>12<sup>th</sup> Grade</b>                                         |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------|----------------------------------------------------------------------|
| <b>Dance<sup>1</sup></b>          | Dance I                                                                                                                                                                                                                                                                                                                                                                    | Dance II                                | Dance III                                | Dance IV                                                             |
| <b>Instrumental</b>               | Band I/Mariachi/Jazz                                                                                                                                                                                                                                                                                                                                                       | Band II/Mariachi/Jazz                   | Band III/Mariachi/Jazz                   | Band IV/Mariachi/Jazz                                                |
| <b>Languages</b>                  | Spanish I                                                                                                                                                                                                                                                                                                                                                                  | Spanish II                              | Adv. Spanish III                         | AP Spanish IV                                                        |
| <b>Social Studies<sup>2</sup></b> | World Geography                                                                                                                                                                                                                                                                                                                                                            | World History                           | US History                               | Government/Econ                                                      |
| <b>Theatre</b>                    | Theatre Arts I/Tech Theatre I                                                                                                                                                                                                                                                                                                                                              | Theatre Arts II/Tech Theatre II         | Theatre Arts III/Tech Theatre III        | Theatre Arts IV/TEch Theatre IV                                      |
| <b>Visual Arts</b>                | Art I                                                                                                                                                                                                                                                                                                                                                                      | Art II<br>(Drawing/Sculpture /Painting) | Art III<br>(Drawing/Sculpture /Painting) | Art IV<br>(Drawing/Sculpture /Painting)<br>AP Art, or AP Art History |
| <b>Vocal</b>                      | Choir I                                                                                                                                                                                                                                                                                                                                                                    | Choir II                                | Choir III                                | Choir IV                                                             |
| <b>Notes</b>                      | <sup>1</sup> 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.<br><sup>2</sup> Students must complete at least five social studies credits to earn an Arts & Humanities endorsement through the social studies Programs of Study. |                                         |                                          |                                                                      |

## Business & Industry Endorsement Programs

Course descriptions are listed under English Language Arts, Science, and Career and Technical Education sections of the Elgin High School Curriculum.

| Business & Industry Endorsement - CTE Programs of Study |                                               |                                                         |                                                                        |                                                                           |                                                                                                  |
|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Career Cluster                                          | Program of Study                              | Course Sequence                                         |                                                                        |                                                                           |                                                                                                  |
|                                                         |                                               | Year 1                                                  | Year 2                                                                 | Year 3                                                                    | Year 4                                                                                           |
| Agriculture, Food & Natural Resources                   | <b>Animal Science</b>                         | Principles of Agriculture, Food & Natural Resources (1) | Small Animal Management (.5) <i>and</i> Equine Science (.5)            | Livestock Production (1) <i>OR</i> Veterinary Medical Application (1)     | Advanced Animal Science (1) <i>and/or</i> Practicum in Agriculture, Food & Natural Resources (2) |
|                                                         | <b>Food Science &amp; Technology</b>          |                                                         | Food Technology & Safety (1)                                           | Food Processing & Lab (2)                                                 | Practicum in Agriculture, Food & Natural Resources (2)                                           |
|                                                         | <b>Plant Science</b>                          |                                                         | Greenhouse Operations & Production (1) <i>and/or</i> Floral Design (1) | Horticulture Science (1) <i>and/or</i> Advanced Floral Design (1)         | Advanced Plant and Soil Science (1)                                                              |
| Architecture & Construction                             | <b>Electrical</b>                             | Principles of Construction (1)                          | Electrical Technology I (1)                                            | Electrical Technology II (2)                                              | Practicum in Construction Technology (2)*                                                        |
|                                                         | <b>HVAC</b>                                   |                                                         | HVAC Tech I (1)                                                        | HVAC Tech II (2)                                                          |                                                                                                  |
| Arts, A/V Technology & Communication                    | <b>Digital Communications</b>                 | Principles of Arts, A/V Technology & Communications (1) | A/V Production I & Lab (2)                                             | A/V Production II & Lab (2)                                               | Practicum in A/V Production (2)                                                                  |
|                                                         | <b>Graphic Design &amp; Interactive Media</b> |                                                         | Graphic Design I (1)                                                   | Graphic Design II & Lab (2)*                                              | Practicum in Graphic Design (2)*                                                                 |
|                                                         | <b>Graphic Design - Yearbook</b>              | Yearbook I (1)                                          | Yearbook II (1)                                                        | Yearbook III (1)                                                          | Yearbook IV (1)                                                                                  |
| Business, Marketing & Finance                           | <b>Marketing &amp; Sales</b>                  | Principles of Business, Marketing & Finance (1)         | Entrepreneurship I (1)                                                 | Sport Entertainment Marketing (.5) <i>and</i> Social Media Marketing (.5) | Advanced Marketing (2) <i>OR</i> Practicum in Entrepreneurship                                   |
| Hospitality & Tourism                                   | <b>Culinary Arts</b>                          | Introduction to Culinary Arts (1)                       | Culinary Arts (2)                                                      | Advanced Culinary Arts (2)*                                               | Practicum in Culinary Arts (2)*                                                                  |
| Information Technology                                  | <b>ACC Cyber Academy</b>                      | Principles of Information Technology (1)                | Foundations of Cybersecurity (1) + ACC                                 | Digital Forensics (1) + ACC*                                              | Cybersecurity Capstone (1) + ACC*                                                                |
| Manufacturing                                           | <b>Welding</b>                                | Introduction to Welding (1)                             | Welding I (2)                                                          | Welding II (2)                                                            | Practicum in Manufacturing (2)                                                                   |
|                                                         | <b>PTECH Welding</b>                          |                                                         | ACC                                                                    | ACC                                                                       | ACC                                                                                              |
|                                                         | <b>Robotics &amp;</b>                         | Principles of                                           | Manufacturing                                                          | Manufacturing                                                             | Practicum in Manufacturing                                                                       |

|                                          |                                          |                         |                                                         |                                                           |                                         |
|------------------------------------------|------------------------------------------|-------------------------|---------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------|
|                                          | <b>Automation Technology</b>             | Applied Engineering (1) | Engineering Technology I (1)* <i>or</i> Robotics I (1)* | Engineering Technology II (1)* <i>or</i> Robotics II (1)* | (2)                                     |
| Transportation, Distribution & Logistics | <b>Automotive &amp; Collision Repair</b> | Automotive Basics (1)   | Automotive Technology I (2)                             | Automotive Technology II (2)                              | Practicum in Transportation Systems (2) |

\*Denotes courses available in subsequent years as a program of study rollout.

### *Multidisciplinary Endorsement Programs*

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

### *Public Services Endorsement Programs*

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

| <b>Public Services Endorsement - CTE Programs of Study</b> |                                                                       |                                                            |                         |                                                               |                                                                     |
|------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|-------------------------|---------------------------------------------------------------|---------------------------------------------------------------------|
| Career Cluster                                             | Program of Study                                                      | Course Sequence                                            |                         |                                                               |                                                                     |
|                                                            |                                                                       | Year 1                                                     | Year 2                  | Year 3                                                        | Year 4                                                              |
| Education & Training                                       | <b>Teaching &amp; Training</b>                                        | Principles in Education & Training (1)                     | Child Development (1)   | Instructional Practices (2)                                   | Practicum in Education (2)                                          |
| Health Science                                             | <b>ACC Healthcare Academy</b>                                         | Principles in Health Science (1)                           | Medical Terminology (1) | Health Science Theory (1) + ACC                               | Practicum in Health Science (2) + ACC                               |
|                                                            | <b>Diagnostic &amp; Therapeutic Services</b>                          |                                                            |                         | Health Science Theory (1) <i>and</i> Anatomy & Physiology (1) | Practicum in Health Science (2) <i>and/or</i> Pathophysiology (1)   |
|                                                            | <b>Exercise Science, Wellness &amp; Restoration - Sports Medicine</b> |                                                            | Kinesiology I (1)       | Kinesiology II (1)                                            | Practicum in Health Science - Sport Med (2)                         |
| Law & Public Services                                      | <b>Law Enforcement</b>                                                | Principles of Law, Public Safety, Corrections & Safety (1) | Law Enforcement I (1)   | Law Enforcement II (1)                                        | Practicum in Law Enforcement (2) <i>and/or</i> Forensic Science (1) |
|                                                            | <b>Junior Reserve Officers' Training Corps (JROTC)</b>                | JROTC I (1)                                                | JROTC II (1)            | JROTC III (1)                                                 | JROTC IV (1)                                                        |

\*Denotes courses available in subsequent years as a program of study rollout.

## STEM Endorsement Programs

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

| Science, Technology, Engineering & Math (STEM) - CTE Programs of Study |                                               |                                          |                                        |                              |                                   |
|------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|----------------------------------------|------------------------------|-----------------------------------|
| Career Cluster                                                         | Program of Study                              | Course Sequence                          |                                        |                              |                                   |
|                                                                        |                                               | Year 1                                   | Year 2                                 | Year 3                       | Year 4                            |
| Information Technology                                                 | <b>Programming &amp; Software Development</b> | Fundamentals of Computer Science (1)     | Computer Science I (1)                 | Computer Science II (1)      | Computer Science III (1)          |
|                                                                        | <b>ACC Cyber Academy</b>                      | Principles of Information Technology (1) | Foundations of Cybersecurity (1) + ACC | Digital Forensics (1)* + ACC | Cybersecurity Capstone (1)* + ACC |

\*Denotes courses available in subsequent years as a program of study rollout.

| <b>STEM</b>               | <b>9<sup>th</sup> Grade</b>                                                                                                                                                                                                                                             | <b>10<sup>th</sup> Grade</b> | <b>11<sup>th</sup> Grade</b> | <b>12<sup>th</sup> Grade</b>        | <b>Industry Certification</b> |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|-------------------------------------|-------------------------------|
| <b>Math</b>               | Geometry                                                                                                                                                                                                                                                                | Algebra II                   | Precalculus                  | AP Calculus                         | Not Applicable                |
| <b>Math &amp; Science</b> | Geometry/<br>Biology                                                                                                                                                                                                                                                    | Algebra II/<br>Chemistry     | Precalculus/<br>Physics      | Advanced Math &<br>Advanced Science | Not Applicable                |
| <b>Science</b>            | Biology                                                                                                                                                                                                                                                                 | Chemistry                    | Physics                      | Advanced Science                    | Not Applicable                |
| <b>Notes</b>              | Math: Students must also take Chemistry and Physics to earn a STEM Endorsement<br>Math & Science: Students must also take Algebra II to earn a STEM Endorsement<br>Science: Students must take three additional advanced courses from the math and/or science offerings |                              |                              |                                     |                               |

# 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 or is truant, they may be withdrawn from the school.

# 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)**

**GPA 1.0**

**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)**

**GPA 1.0**

**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)**

**GPA 1.1**

**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)**

**GPA 1.0**

**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)**

**GPA 1.0**

**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 facilitates 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)**

**GPA 1.1**

**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)****GPA 1.0****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)****GPA 1.2****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)****GPA 1.2****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)****GPA 1.0****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)****GPA 1.2****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 (8193)****GPA 1.2****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)

**Business English (13011600)****GPA 1.0****Credit: 1, Semester****Grade: 12****Prerequisite:** English III**Recommended Prerequisite:** Touch Systems Data Entry

In Business English, students enhance communication and research skills by applying them to the business environment. In addition to exchanging information and producing properly formatted business documents using emerging technology.

**Note: This course satisfies the high school advanced English graduation requirement.** (13011600)

***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. Students will receive a grade of 'P' once completed. (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: .5, 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)

The .5 credit for humanities will go into effect with the cohort class of 2029.

**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)

**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)

**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)****GPA 1.0****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)****GPA 1.0****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)****GPA 1.1****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)****GPA 1.0****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)****GPA 1.1****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)****GPA 1.0****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 (Dual Enrollment) (8242)****GPA 1.2****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 at Austin 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)****GPA 1.2****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)****GPA 1.0****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)****GPA 1.0****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)

**OnRamps College Algebra (Dual Enrollment) (8291)****GPA 1.2****Credit: 1, Semester****Grade: 11-12****Prerequisite: Algebra, Geometry, and an advanced math course**

In this course, students will experience a high-quality curriculum designed by the faculty at The University of Texas at Austin. The pedagogy of the course, Inquiry-Based Learning, will encourage students to take an active role in the construction of their learning. Students will deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic. Students analyze data algebraically and with technology while developing their knowledge of properties of functions, matrices and systems of equations, and complex numbers. This learning will be accomplished by abstraction, generalization, and problem-solving. (03102500)

**Dual Credit College Algebra (8292)****GPA 1.2****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 Contemporary Math (8293)****GPA 1.2****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. Students will receive a grade of 'P' once completed. (CP111200)

**Statistics (8265)****GPA 1.0****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 (Dual Enrollment) (8262)****GPA 1.2****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)****GPA 1.2****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)

## *Elective Math Course*

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.

## Science Courses

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

### **Biology (8311)**

**GPA 1.0**

**Credit: 1, Full Year**

**Grade: 9-10**

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)**

**GPA 1.1**

**Credit: 1, Full Year**

**Grade: 9-10**

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)

### **OnRamps Biology I + Lab (Dual Enrollment) (8315)**

**GPA 1.2**

**Credit: 1, Full Year**

**Grade: 11-12**

**Recommended Prerequisites: Algebra II, and Chemistry or Advanced Chemistry**

This year-long course explores three big ideas of biology: the structure and function of biomolecules, the flow of energy through living systems via photosynthesis and cellular respiration, and how genetic information is expressed and transmitted both within and between cells. Students can earn four hours (three for lecture, one for lab) of UT Austin credit with feedback and assessment provided by UT Austin course staff. (03060300)

### **Chemistry (8321)**

**GPA 1.0**

**Credit: 1, Full Year**

**Grade: 10-12**

**Prerequisite: Algebra I and Biology**

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)**

**GPA 1.1**

**Credit: 1, Full Year**

**Grade: 10-12**

**Prerequisite: Algebra I and Biology**

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)

### **OnRamps Chemistry I + Lab (Dual Enrollment) (8325)**

**GPA 1.2**

**Credit: 1, Full Year**

**Grade: 11-12**

**Recommended Prerequisites: Algebra II, and Chemistry or Advanced Chemistry**

The Principles of Chemistry I course addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. Students will learn about descriptive chemistry of matter in the natural world, as well as compositional and reaction stoichiometry of chemical compounds. Students can earn four hours (three for lecture, one for lab) of UT Austin credit with feedback and assessment provided by UT Austin course staff. A weighted grade will be applied to the high school semester average. (03040000)

**Physics (8331)****GPA 1.0****Credit: 1, Full Year****Grade: 11-12****Recommended Prerequisite: Algebra I**

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)

**Advanced Physics (8332)****GPA 1.1****Credit : 1, Full Year****Grade 10-11****Recommended Prerequisite: Biology and Algebra II/Chemistry (recommended)**

students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum, forces, characteristics and behavior of waves, and electricity and magnetism. Students will apply conceptual knowledge and collaborative skills to experimental design, implementation, and interpretation. This course is taught from a conceptual and mathematical point of view and contains problem solving and laboratory work. (03050000)

**OnRamps Physics I: Mechanics, Heat, & Sound (8335)****GPA 1.2****Credit: 1, Full Year****Grade: 11-12****Recommended Prerequisite: Algebra I, Geometry, Algebra II or Pre-Calculus (recommended)**

Mechanics, Heat, and Sound introduces big ideas in physics, such as Newtonian mechanics (including motion, force, energy, and rotation), as well as solid and fluid mechanics, oscillations, waves, sound, and heat. Students can earn four hours (three for lecture, one for lab) of UT Austin credit with feedback and assessment provided by UT Austin course staff. A weighted grade will be applied to the high school semester average. (03050000)

**Environmental Systems (8351)****GPA 1.0****Credit: 1, Full Year****Grade: 10-12****Prerequisite: Biology; Chemistry or Physics**

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)

**AP Environmental Science (8359)****GPA 1.2****Credit: 1, Full Year****Grade: 11-12****Prerequisites: Algebra I; Biology; Chemistry or Physics**

Students enrolled in this course are encouraged to take the Advanced Placement Exam in May for possible college credit. The AP Environmental Science course is designed to be the equivalent of a one-semester introductory college course in environmental science. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. There are several unifying themes that cut across topics.

The following are the six course themes for this course: Science is a process, Energy conversions underlie all ecological processes, The Earth itself is one interconnected systems, Humans alter natural systems, Environmental problems have a cultural and social context. Human survival depends on developing practices that will achieve sustainable systems.

There will be a heavy emphasis on laboratory investigation as well as conceptual problem solving. Out of class time will be necessary for success in course work.

**Dual Credit Environmental Systems (8391)****GPA 1.2****Credit: 1, Semester****Grade: 11-12****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)****GPA 1.0****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)****GPA 1.0****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)****GPA 1.0****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)****GPA 1.0****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)****GPA 1.0****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)****GPA 1.0****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)****GPA 1.2****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 course satisfies the graduation requirement for World Geography. Students may take either World Geography or AP Human Geography. They will not receive credit for both. (A3360100)

**World History (8421)****GPA 1.0****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)****GPA 1.2****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 satisfies the graduation requirement for World History. (A3370100)

**U.S. History since Reconstruction (8431)****GPA 1.0****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)****GPA 1.2****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 satisfies the graduation requirement for U.S. History. (A3340100)

**Dual Credit U.S. History I (Special Topics in Social Studies) (8498)****GPA 1.2****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)****GPA 1.2****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)****GPA 1.0****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)****GPA 1.2****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 satisfies the graduation requirement for Government.(A3330100)

**Dual Credit U.S. Government (8493)****GPA 1.2****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 satisfies the graduation requirement for Government.(03330100)

**Economics (8541)****GPA 1.0****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 (8547)****GPA 1.0****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 beginning with the 2030 cohort .** (03380083)

**AP Macroeconomics (8549)****GPA 1.2****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)****GPA 1.2****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.

**AP Psychology (8496)/Special Topics in Social Studies (8471)****GPA 1.2****Credit: 0.5, Semester/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. 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. These are companion courses that run year long. (A3350100) (03380002)

**GPA 1.2****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. This is a companion course to AP Psychology.

**Dual Credit Psychology (8090)****GPA 1.2****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)****GPA 1.2****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)****GPA 0****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. This course does not receive weighted credit. (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)****GPA 1.0****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 I (88161)****GPA 1.1****Credit: 1, Fall Semester****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)****GPA 1.0****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)****GPA 1.1****Credit: 1, Spring Semester****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)****GPA 1.1****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 (8891, 8892)****GPA 1.2****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. (03440400, 03440500)

**AP Spanish IV Language and Culture (8842)****GPA 1.2****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)****GPA 1.2****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)****GPA 1.0****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)****GPA 1.0****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)****GPA 1.2****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. 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, Golf, Powerlifting, Tennis, Cross Country, Track, (4711, 4731, 4771, 4782, 4785, 4791, 4704, 4705)**

**Boys' Soccer (4751)****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, Golf, Powerlifting, Tennis, Cross Country, Track (4716, 4722, 4761, 4782, 4785, 4791, 4704, 4705)**

**Girls' Soccer (4741)****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)

## Special Programs & Courses

The courses below are for elective credit.

### **Office Aide, Library Aide, Teacher Aide, or Counselor Aide**

**Credit: 1**

**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 designed to involve students in realistic and meaningful community-based activities through direct service or service-learning experiences. 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. This is only open to seniors.

(13024900)9

### **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 is designed to prepare freshmen for success on the Texas Success Initiative (TSI) English exam while building strong foundational skills for college-level coursework. Students will strengthen reading comprehension, academic writing, grammar, and critical thinking skills through targeted instruction and practice aligned to TSI English standards. Emphasis is placed on effective test-taking strategies, time management, and confidence-building techniques to support exam readiness. Beyond TSI preparation, the skills developed in this course are essential for success in Early College High School (ECHS) and future college classes, helping students transition smoothly into the rigor and expectations of college-level academics. (N1290051)

## 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, does not take up a class period; earns PE credit****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; earns PE credit****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)

## *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 Study presented in this course guide and do not reflect all possible endorsements associated with a course.

### **Advanced Animal Science (8002)**

**Program of Study:** Animal Science

**Endorsement:** Business & Industry

**Course Abbreviation:** ADVANSCI

**Credit:** 1

**Level:** 4

**Service ID:** 13000700

**Prerequisite:** Biology and Chemistry or IPC; Algebra I and Geometry; and either Small Animal Management, Equine Science or Livestock Production

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of animal production, including canine, feline, bovine, equine, caprine, porcine, ovine, poultry, and lagomorpha production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. Students must meet the 40% laboratory and fieldwork requirement.

**Note:** *This course satisfies a high school science graduation requirement.*

### **Advanced Floral Design (8507)**

**Program of Study:** Plant Science

**Endorsement:** Business & Industry

**Course Abbreviation:** ADVFLOR

**Credit:** 1

**Level:** 4

**Service ID:** 13001850

**Prerequisite:** Floral Design

**Recommended Prerequisite:** Principles of Agriculture, Food & Natural Resources

In Advanced Floral Design, students gain advanced knowledge and skills specifically needed to enter the workforce as floral designers or as freelance floral event designers, with an emphasis on specialty designs and occasion-specific designs and planning. Students are also prepared to enter postsecondary certification or degree programs in floral design or special event design. Students build on the knowledge base from Floral Design and are introduced to more advanced floral design concepts. In addition, students gain knowledge of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of an occasion or event.

### **Advanced Marketing (13034700)**

**Program of Study:** Marketing & Sales

**Endorsement:** Business & Industry

**Course Abbreviation:** ADVMKTG

**Credit:** 2

**Level:** 4

**Service ID:** 13034700

**Prerequisite:** One credit from the courses in the Business, Marketing and Finance Career Cluster

In Advanced Marketing, students will gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. Students will illustrate appropriate management and research skills to solve problems related to marketing. This course covers technology, communication, and customer-services skills.

### **Advanced Plant and Soil Science (8003)**

**Program of Study:** Plant Science

**Endorsement:** Business & Industry

**Course Abbreviation:** ADVPSSCI

**Credit:** 1

**Level:** 4

**Service ID:** 13002100

**Prerequisite:** Biology; either Chemistry or IPC; Algebra I; Geometry; and either Horticulture Science, Greenhouse Operations and Production or Floral Design

**Recommended Prerequisite:** Principles of Agriculture, Food and Natural Resources

Advanced Plant and Soil Science provides a way of learning about the natural world. In this course, students learn how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. To prepare for careers in plant and soil science, students must attain academic knowledge and skills, acquire technical knowledge and skills related to plant and soil science and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Students must meet the 40% laboratory and fieldwork requirements.

**Note:** *This course satisfies a high school science graduation requirement.*

### **Anatomy & Physiology (8342)**

**Program of Study:** Diagnostic and Therapeutic Services; Exercise Science, Wellness & Restoration

**Endorsement:** Public Service

**Course Abbreviation:** ANATPHYS

**Credit:** 1

**Level:** 3

**Service ID:** 13020600

**Prerequisite:** One credit in Biology and one credit in Chemistry, IPC or Physics

**Recommended Prerequisite:** One class from the Health Science Career Cluster

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

**Note:** *This course satisfies a high school science graduation requirement.*

### **Audio/Video Production I + Lab (8514)**

**Program of Study:** Digital Communications

**Endorsement:** Business & Industry

**Course Abbreviation:** AVPLAB1

**Credit:** 2

**Level:** 2

**Service ID:** 13008510

**Recommended Prerequisite:** Principles of Arts, Audio/Video Technology, and Communications

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products.

### **Audio/Video Production II + Lab (8516)**

**Program of Study:** Digital Communications

**Endorsement:** Business & Industry

**Course Abbreviation:** AVPLAB2

**Credit:** 2

**Level:** 3

**Service ID:** 13008610

**Prerequisite:** Audio/Video Production I

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Building upon the concepts taught in Audio/Video Production I, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. This course may be implemented in an audio format or a formation with both audio and video.

### **Automotive Basics (8500)**

**Program of Study:** Automotive Collision and Repair

**Endorsement:** Business & Industry

**Course Abbreviation:** AUTOBASC

**Credit:** 1

**Level:** 2

**Service ID:** 13039550

Automotive Basics includes knowledge and the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use and employability.

### **Automotive Technology I: Maintenance and Light Repair (8501)**

**Program of Study:** Automotive Collision and Repair

**Endorsement:** Business & Industry

**Course Abbreviation:** AUTOTEC1

**Credit:** 2

**Level:** 3

**Service ID:** 13039600

**Recommended Prerequisite:** Automotive Basics

Automotive Technology I includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology I, students will gain knowledge and skills in the repair, maintenance and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

### **Automotive Technology II: Automotive Service (8502)**

**Program of Study:** Automotive Collision and Repair

**Endorsement:** Business & Industry

**Course Abbreviation:** AUTOTEC2

**Credit:** 2

**Level:** 4

**Service ID:** 13039700

**Prerequisite:** Automotive technology I: Maintenance and Light Repair

Automotive Technology II includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification proper tool use, and employability.

### **Business English (13011600)**

**Program of Study:** This course is not in a program of study

**Course Abbreviation:** BUSENGL      **Credit:** 1      **Level:** NA      **Service ID:** 13011600

**Prerequisite:** English III

**Recommended Prerequisite:** Touch Systems Data Entry

In Business English, students enhance communication and research skills by applying them to the business environment. In addition to exchanging information and producing properly formatted business documents using emerging technology.

**Note:** *This course satisfies the high school advanced English graduation requirement.*

### **Child Development (8054)**

**Program of Study:** Teaching and Training

**Endorsement:** Public Service

**Course Abbreviation:** CHILDDEV      **Credit:** 1      **Level:** 2      **Service ID:** 13024700

**Recommended Prerequisite:** Principles of Education and Training

Child Development is a course that addresses knowledge and skills related to child growth and development from prenatal through school-age children. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

### **Computer Science I (8571)**

**Program of Study:** Programming and Software Development      **Endorsement:** STEM

**Course Abbreviation:** TACS1      **Credit:** 1      **Level:** 2      **Service ID:** 03580200

**Prerequisite:** Algebra 1

**Corequisite:** Algebra 1

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws, regulations, and best practices and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

### **Computer Science II (8572)**

**Program of Study:** Programming and Software Development      **Endorsement:** STEM

**Course Abbreviation:** TACS2      **Credit:** 1      **Level:** 3      **Service ID:** 035380300

**Prerequisite:** Algebra 1 and Computer Science I

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts.

### **Computer Science III (8574)**

**Program of Study:** Programming and Software Development    **Endorsement:** STEM  
**Course Abbreviation:** TACS3    **Credit:** 1    **Level:** 4    **Service ID:** 03580350  
**Prerequisite:** Computer Science II

Computer Science III will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will gain an understanding of advanced computer science data structures through the study of technology operations, systems, and concepts.

### **Culinary Arts (13022600)**

**Program of Study:** Culinary Arts    **Endorsement:** Business & Industry  
**Course Abbreviation:** CULARTS    **Credit:** 2    **Level:** 2    **Service ID:** 13022600  
**Prerequisite:** Introduction to Culinary arts

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course.

### **Digital Design & Media Production (Yearbook III)**

**Program of Study:** Graphic Design (Yearbook)    **Endorsement:** Business & Industry  
**Course Abbreviation:** TADGDMP    **Credit:** 1    **Level:** 2    **Service ID:** 03580400

Digital Design and Media Production will allow students to demonstrate creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others as well as independently. Students will gather information electronically, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will demonstrate a thorough understanding of digital design principles that is transferable to other disciplines. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

### **Digital Media (Yearbook II)**

**Program of Study:** Graphic Design (Yearbook)    **Endorsement:** Business & Industry  
**Course Abbreviation:** DIMEDIA    **Credit:** 1    **Level:** 1    **Service ID:** 13027800

In Digital Media, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment.

### **Electrical Technology I (8647)**

**Program of Study:** Electrical    **Endorsement:** Business & Industry  
**Course Abbreviation:** ELECTEC1    **Credit:** 1    **Level:** 2    **Service ID:** 13005600  
**Recommended Prerequisite:** Principles of Construction

In Electrical Technology I, students will 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 will acquire knowledge and skills in safety,

electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.

### **Electrical Technology II (13005700)**

**Program of Study:** Electrical      **Endorsement:** Business & Industry  
**Course Abbreviation:** ELECTEC2      **Credit:** 2      **Level:** 3      **Service ID:** 13005700  
**Prerequisite:** Electrical Technology I  
**Recommended Prerequisite:** Principles of Construction

In Electrical Technology II, students will gain advanced knowledge and skills needed to enter the workforce as an electrician, a building maintenance technician, or a supervisor; 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, tools, codes, installation of electrical equipment, alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation.

### **Entrepreneurship I (8640)**

**Program of Study:** Entrepreneurship, Business Management, Animal Science, Automotive Collision and Repair, Digital Communications, Graphic Design, Marketing and Sales, Plant Science, Programming and Software Development, Welding  
**Endorsement:** Business & Industry  
**Course Abbreviation:** ENTPR1      **Credit:** 1      **Level:** 2      **Service ID:** 13011101  
**Recommended Prerequisite:** Principles of Business, Marketing and Finance

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine the feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

### **Equine Science (8077)**

**Program of Study:** Animal Science      **Endorsement:** Business & Industry  
**Course Abbreviation:** EQUINSCI      **Credit:** .5      **Level:** 2      **Service ID:** 13000500  
**Recommended Prerequisite:** Principles of Agriculture, Food and Natural Resources

In Equine Science, students acquire knowledge and skills related to the equine industry. Equine Science may address topics related to horses, donkeys, and mules. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to equine systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

### **Floral Design (8011)**

**Program of Study:** Plant Science      **Endorsement:** Business & Industry  
**Course Abbreviation:** FLORAL      **Credit:** 1      **Level:** 3      **Service ID:** 13001800  
**Recommended Prerequisite:** Principles of Agriculture, Food and Natural Resources

Floral Design is designed to develop students' ability to identify and demonstrate the elements and principles of floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions of and appreciation for the contributions of diverse cultures. Students respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. To prepare for careers in floral design, students must attain academic knowledge and skills, acquire technical knowledge and skills related to horticultural systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

**Note:** *This course satisfies the fine arts graduation requirement.*

### **Food Processing and Lab (8071)**

**Program of Study:** Food Science and Technology, Culinary Arts

**Endorsement:** Business & Industry

**Course Abbreviation:** FOODPRLAB    **Credit:** 2    **Level:** 3    **Service ID:** 13001410

**Recommended Prerequisite:** Food Technology and Safety

Food Processing focuses on the food processing industry with special emphasis on the handling, processing, and marketing of food products. To prepare for careers in food products and processing systems, students must 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. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

### **Food Technology and Safety (8006)**

**Program of Study:** Food Science and Technology, Culinary Arts

**Endorsement:** Business & Industry

**Course Abbreviation:** FOODTS    **Credit:** 1    **Level:** 2    **Service ID:** 113001300

Food Technology and Safety examines the food technology industry as it relates to food production, handling, and safety. To prepare for careers in value-added and food processing systems, students must 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.

### **Forensic Science (8371)**

**Program of Study:** Law Enforcement

**Endorsement:** Public Service

**Course Abbreviation:** FORENSCI    **Credit:** 1    **Level:** 4    **Service ID:** 13029500

**Prerequisite:** One credit in biology and one credit in chemistry, IPC or physics

Forensic Science is a survey course that introduces students to the application of science to law. Students learn terminology and procedures related to the collection and examination of physical evidence using scientific processes performed in a field or laboratory setting. Students also learn the history and the legal aspects of forensic science.

**Note:** *This course satisfies a high school science graduation requirement.*

### **Foundations of Cybersecurity (03580850)**

**Program of Study:** Cybersecurity

**Endorsement:** Business & Industry or STEM

**Course Abbreviation:** TAFCYB    **Credit:** 1    **Level:** 1    **Service ID:** 03580850

In the Foundations of Cybersecurity course, students will develop the knowledge and skills needed to explore fundamental concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will review and explore security policies designed to mitigate risks. The skills obtained in this course prepare students for additional study in cybersecurity. A variety of courses are available to students interested in this field. Foundations of Cybersecurity may serve as an introductory course in this field of study.

### **Fundamentals of Computer Science (03580140)**

**Program of Study:** Programming and Software Development, Cybersecurity

**Endorsement:** Business & Industry or STEM

**Course Abbreviation:** TAFCS    **Credit:** 1    **Level:** 1    **Service ID:** 03580140

Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will

collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn computational thinking, problem-solving, and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws, regulations, and best practices and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts.

### **Graphic Design and Illustration I (13008800)**

**Program of Study:** Graphic Design      **Endorsement:** Business & Industry  
**Course Abbreviation:** GRAPHDI1      **Credit:** 1      **Level:** 2      **Service ID:** 13008800  
**Recommended Prerequisite:** Principles of Arts, Audio/Video Technology, and Communications

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

### **Greenhouse Operation and Production (8561)**

**Program of Study:** Plant Science      **Endorsement:** Business & Industry  
**Course Abbreviation:** GREOP      **Credit:** 1      **Level:** 2      **Service ID:** 13002050  
**Recommended Prerequisite:** Principles of Agriculture, Food and Natural Resources

Greenhouse Operation and Production is designed for students to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural and controlled environment agricultural systems, students must attain academic knowledge and skills, 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.

### **Health Science Theory (8575)**

**Program of Study:** Diagnostic and Therapeutic Services, Exercise Science, Wellness and Restoration  
**Endorsement:** Public Service  
**Course Abbreviation:** HLTHS      **Credit:** 1      **Level:** 3      **Service ID:** 13020400  
**Prerequisite:** One credit in biology and at least one credit in a course from the Health Science career cluster  
**Recommended Prerequisite:** Medical Terminology

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will become familiar with industry-based standards for documenting and maintaining medical information; research industry employment requirements, including education, certification, and licensing requirements; and evaluate ethical and legal responsibilities of health science professionals. Students will employ hands-on experiences for continued clinical knowledge and skill development.

### **Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I (8555)**

**Program of Study:** HVAC and Sheet Metal      **Endorsement:** Business & Industry  
**Course Abbreviation:** HVACREF1      **Credit:** 1      **Level:** 2      **Service ID:** 13005800  
**Recommended Prerequisite:** Principles of Construction

In Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I, students will gain 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 will acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment.

## **Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II (8556)**

**Program of Study:** HVAC and Sheet Metal

**Endorsement:** Business & Industry

**Course Abbreviation:** HVACREF2

**Credit:** 2

**Level:** 3

**Service ID:** 13005900

**Prerequisite:** Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I

**Recommended Prerequisite:** Principles of Construction

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.

## **Horticultural Science (8008)**

**Program of Study:** Plant Science

**Endorsement:** Business & Industry

**Course Abbreviation:** HORTISCI

**Credit:** 2

**Level:** 3

**Service ID:** 13002000

**Prerequisite:** At least one credit in a course from the Agriculture, food and Natural Resources career cluster

**Recommended Prerequisite:** Principles of Agriculture, Food and Natural Resources

In Horticultural Science, students develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. To prepare for careers in horticultural industry systems, students must attain academic knowledge and skills, acquire technical knowledge and skills related to horticulture and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

## **Independent Study in Technology Applications (Yearbook IV)**

**Program of Study:** Graphic Design

**Endorsement:** Business & Industry

**Course Abbreviation:** TAIND1

**Credit:** 1

**Level:** 4

**Service ID:** 03580900

**Recommended Prerequisite:** At least one credit from the Information Technology career cluster

In Independent Study in Technology Applications, through the study of technology applications foundations, including technology-related terms, concepts, and data input strategies, students will communicate information in different formats and to diverse audiences using a variety of technologies. Students will learn to make informed decisions; develop and produce original work that exemplifies the standards identified by the selected profession or discipline; and publish the product in electronic media and print. Students will practice the efficient acquisition of information by identifying task requirements, using search strategies, and using technology to access, analyze, and evaluate the acquired information. By using technology as a tool that supports the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

## **Instructional Practices (8059)**

**Program of Study:** Teaching and Training

**Endorsement:** Public Service

**Course Abbreviation:** INPRAC

**Credit:** 2

**Level:** 3

**Service ID:** 13014400

**Prerequisite:** At least one credit in a course from the Education and Training career cluster

**Recommended Prerequisite:** Principles of Education and Training and Child Development

Instructional Practices is a field-based (practicum) course that provides students with background knowledge of child and adolescent development 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, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and perform other duties of teachers, trainers, paraprofessionals, or other educational personnel.

### **Interpersonal Studies (13024400)**

**Program of Study:** Exercise Science, Wellness & Restoration    **Endorsement:** Public Service  
**Course Abbreviation:** INTERSTU    **Credit:** .5    **Level:** 2    **Service ID:** 13024400

Interpersonal Studies examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

### **Introduction to Culinary Arts(13022550)**

**Program of Study:** Culinary Arts    **Endorsement:** Business & Industry  
**Course Abbreviation:** INCULART    **Credit:** 1    **Level:** 1    **Service ID:** 13022550

Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.

### **Introduction to Welding (8530)**

**Program of Study:** Manufacturing    **Endorsement:** Business & Industry  
**Course Abbreviation:** INTRWELD    **Credit:** 1    **Level:** 1    **Service ID:** 13032250  
**Recommended Prerequisite:** Algebra I  
**Recommended Corerequisite:** Algebra I

Introduction to Welding will provide an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. Students will develop knowledge and skills related to welding and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success.

### **Junior Reserve Officers' Training Corps (JROTC) I**

**Program of Study:** JROTC    **Endorsement:** Public Service  
**Course Abbreviation:** JROTC1    **Credit:** 1    **Level:** 1    **Service ID:** 03160100

### **Junior Reserve Officers' Training Corps (JROTC) II**

**Program of Study:** JROTC    **Endorsement:** Public Service  
**Course Abbreviation:** JROTC2    **Credit:** 1    **Level:** 2    **Service ID:** 03160200

### **Junior Reserve Officers' Training Corps (JROTC) III**

**Program of Study:** JROTC    **Endorsement:** Public Service  
**Course Abbreviation:** JROTC3    **Credit:** 1    **Level:** 3    **Service ID:** 03160300

### **Junior Reserve Officers' Training Corps (JROTC) IV**

**Program of Study:** JROTC    **Endorsement:** Public Service  
**Course Abbreviation:** JROTC4    **Credit:** 1    **Level:** 4    **Service ID:** 03160400

### **Kinesiology I (Sports Medicine I)**

**Program of Study:** Exercise Science, Wellness and Restoration

**Endorsement:** Public Service

**Course Abbreviation:** KINES1

**Credit:** 1

**Level:** 2

**Service ID:** N1302104

This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers within the kinesiology field and be able to explain the societal demand for kinesiology-related jobs. Students will develop a foundation in Kinesiology I that will prepare them for upper-level courses that will dive deeper into the anatomical and physiological functions of the body and provide opportunities for an industry-certified exam such as a certified personal trainer.

### **Kinesiology II (Sports Medicine II)**

**Program of Study:** Exercise Science, Wellness and Restoration

**Endorsement:** Public Service

**Course Abbreviation:** KINES2

**Credit:** 1

**Level:** 3

**Service ID:** N1302124

**Recommended Prerequisite:** Kinesiology I

The Kinesiology II course is designed to provide students an advanced level of knowledge, skills, and understanding of body composition and the effect on health, nutritional needs of physically active individuals, qualitative biomechanics, application of therapeutic modalities, appropriate rehabilitation services, and aerobic training intensity programs. The course is designed to allow students to advance their understanding of professional standards, employability skills, and ethical and legal standards. Throughout this course, students explore the healthcare/exercise business model and gain an understanding of therapeutic sports psychology. Students develop proper aerobic fitness programs and rehabilitation programs. Kinesiology II prepares students for an industry certification exam such as Certified Personal Trainer.

### **Law Enforcement I (8050)**

**Program of Study:** Law Enforcement

**Endorsement:** Public Service

**Course Abbreviation:** LAWENF1

**Credit:** 1

**Level:** 2

**Service ID:** 13029300

**Recommended Prerequisite:** Principles of Law, Public Safety, Corrections, and Security

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime.

### **Law Enforcement II (8051)**

**Program of Study:** Law Enforcement

**Endorsement:** Public Service

**Course Abbreviation:** LAWENF2

**Credit:** 1

**Level:** 3

**Service ID:** 13029400

**Recommended Prerequisite:** Law Enforcement I

Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony.

### **Lifetime Nutrition and Wellness (13024500)**

**Program of Study:** Exercise Science, Wellness & Restoration

**Endorsement:** Public Service

**Course Abbreviation:** LNURTWEL

**Credit:** .5

**Level:** 2

**Service ID:** 13024500

Lifetime Nutrition and Wellness is a laboratory course that allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

### **Livestock and Poultry Production (8010)**

**Program of Study:** Animal Science

**Endorsement:** Business & Industry

**Course Abbreviation:** LIVEPROD

**Credit:** 1

**Level:** 3

**Service ID:** 13000300

**Prerequisite:** A minimum of two credits, with a least one course in a Level 2 or higher course, from the Agriculture, Food and Natural Resources career cluster

**Recommended Prerequisite:** Principles of Agriculture, Food and Natural Resources

In Livestock and Poultry Production, students acquire knowledge and skills related to the livestock and poultry production industry. Livestock and Poultry Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. To prepare for careers in the field of animal science, students must attain academic knowledge and skills, acquire knowledge and skills related to livestock and poultry systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

### **Medical Terminology (13020300)**

**Program of Study:** Diagnostic and Therapeutic Services, Exercise Science, Wellness and Restoration

**Endorsement:** Public Service

**Course Abbreviation:** MEDTERM

**Credit:** 1

**Level:** 2

**Service ID:** 13020300

The Medical Terminology 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.

### **Pathophysiology (13020800)**

**Program of Study:** Diagnostic and Therapeutic Services

**Endorsement:** Public Service

**Course Abbreviation:** PATHO

**Credit:** 1

**Level:** 4

**Service ID:** 13020800

**Prerequisite:** One credit in biology, one credit in chemistry, and at least one credit in a Level 2 or higher course from the Health Science career cluster.

**Recommended Prerequisite:** Anatomy and Physiology

The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease.

**Note:** *This course satisfies a high school science graduation requirement.*

### **Practicum in Agriculture, Food and Natural Resources (8013)**

**Program of Study:** Animal Science, Food Science and Technology

**Endorsement:** Business & Industry

**Course Abbreviation:** PRACAFNR

**Credit:** 2

**Level:** 4

**Service ID:** 13002500

**Prerequisite:** A minimum of two credits, with a least one course in a Level 2 or higher course, from the Agriculture, Food and Natural Resources career cluster.

Practicum in Agriculture, Food, and Natural Resources 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. To prepare for careers in agriculture, food, and natural resources, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

### **Practicum in Audio/Video Production (8515)**

**Program of Study:** Digital Communications

**Endorsement:** Business & Industry

**Course Abbreviation:** PRACAVP

**Credit:** 2

**Level:** 4

**Service ID:** 13008700

**Prerequisite:** Audio/Video Production II and Lab

Building upon the concepts taught in Audio/Video Production II and its corequisite Audio/Video Production II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying preproduction, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

### **Practicum in Education and Training (8061)**

**Program of Study:** Teaching and Training

**Endorsement:** Public Service

**Course Abbreviation:** PRACEDT

**Credit:** 2

**Level:** 4

**Service ID:** 13014500

**Prerequisite:** Instructional Practices

**Recommended Prerequisite:** Principles of Education and Training and Child Development

Practicum in Education and Training is a field-based course that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and perform other duties of classroom teachers, trainers, paraprofessionals, or other educational personnel.

### **Practicum in Entrepreneurship (13011111)**

**Program of Study:** Animal Science, Business Management, Entrepreneurship, Automotive, Digital Communications, Exercise Science, HVAC, Welding, Marketing and Sales, Programming and Software Development, Plant Science

**Endorsement:** Business & Industry

**Course Abbreviation:** PRACENT

**Credit:** 2

**Level:** 4

**Service ID:** 13011111

**Recommended Prerequisite:** Entrepreneurship I or successful completion of at least two courses in a CTE program of study

Practicum in Entrepreneurship provides students the opportunity to apply classroom learning and experiences to real-world business problems and opportunities in a free enterprise system while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or an unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study.

### **Practicum in Health Science (8644)**

**Program of Study:** Diagnostic and Therapeutic Services, Exercise Science, Wellness and Restoration

**Endorsement:** Public Service

**Course Abbreviation:** PRACHLS

**Credit:** 2

**Level:** 4

**Service ID:** 13020500

**Prerequisite:** Health Science Theory and Biology

The Practicum in Health Science 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)**

**Program of Study:** Law Enforcement

**Endorsement:** Public Service

**Course Abbreviation:** PRACLPS

**Credit:** 2

**Level:** 4

**Service ID:** 13030100

The practicum course is designed to give students supervised practical application of previously studied 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.

### **Practicum in Manufacturing (8650)**

**Program of Study:** Welding

**Endorsement:** Business & Industry

**Course Abbreviation:** PRACMAN

**Credit:** 2

**Level:** 4

**Service ID:** 13033000

The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

### **Practicum in Transportation Systems (8509)**

**Program of Study:** Automotive Collision and Repair

**Endorsement:** Business & Industry

**Course Abbreviation:** PRACTRS

**Credit:** 2

**Level:** 4

**Service ID:** 13040450

Practicum in Transportation Systems 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 experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or worked based.

### **Principles of Agriculture, Food and Natural Resources (8012)**

**Program of Study:** Animal Science, Food Science and Technology, Plant Science

**Endorsement:** Business & Industry

**Course Abbreviation:** PRINAFNR

**Credit:** 1

**Level:** 1

**Service ID:** 13000200

In Principles of Agriculture, Food, and Natural Resources, students explore major areas of agriculture, food, and natural resources, including organizations, agribusiness leadership and communications, plant science, animal science, food science and technology, agricultural technology and mechanical systems, and environmental and natural resources. To prepare for careers in agriculture, food, and natural resources, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

### **Principles of Applied Engineering (13036200)**

**Program of Study:** Robotics and Automation Technology

**Endorsement:** Business & Industry

**Course Abbreviation:** PRAPPENG

**Credit:** 1

**Level:** 1

**Service ID:** 13036200

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and be able to make informed career decisions.

### **Principles of Arts, Audio/Video Technology, and Communications (8063)**

**Program of Study:** Digital Communications, Graphic Design

**Endorsement:** Business & Industry

**Course Abbreviation:** PRINAAVTC      **Credit:** 1      **Level:** 1      **Service ID:** 13008200

Careers in the Arts, Audio Visual Technology, and Communications career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

### **Principles of Business, Marketing and Finance (8032)**

**Program of Study:** Marketing and Sales

**Endorsement:** Business & Industry

**Course Abbreviation:** PRINBMF      **Credit:** 1      **Level:** 1      **Service ID:** 13011200

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

### **Principles of Construction (8648)**

**Program of Study:** HVAC and Sheet Metal, Electrical

**Endorsement:** Business & Industry

**Course Abbreviation:** PRINCON      **Credit:** 1      **Level:** 1      **Service ID:** 13004220

Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. For safety and liability considerations, limiting course enrollment to 15 students is recommended. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

### **Principles of Education and Training (8060)**

**Program of Study:** Teaching and Training

**Endorsement:** Public Service

**Course Abbreviation:** PRINEDTR      **Credit:** 1      **Level:** 1      **Service ID:** 13014200

Principles of Education and Training is designed to introduce learners to the various careers within the Education and Training career cluster. Students use self-knowledge as well as educational and career information to analyze various careers within the Education and Training career cluster. Students are introduced to societal influences of education and various school models. Additionally, students learn the role and responsibilities of a classroom educator. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

### **Principles of Health Science (8070)**

**Program of Study:** Diagnostic and Therapeutic Services, Exercise Science, Wellness and Restoration

**Endorsement:** Public Service

**Course Abbreviation:** PRINHLSC      **Credit:** 1      **Level:** 1      **Service ID:** 13020200

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

### **Principles of Information Technology (8052)**

**Program of Study:** Cybersecurity, Programming and Software Development

**Endorsement:** Business & Industry or STEM

**Course Abbreviation:** PRINIT **Credit:** 1 **Level:** 1 **Service ID:** 13027200

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.

### **Principles of Law, Public Safety, Corrections, and Security (8053)**

**Program of Study:** Law Enforcement **Endorsement:** Public Service

**Course Abbreviation:** PRINLPCS **Credit:** 1 **Level:** 1 **Service ID:** 13029200

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services. Students will 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, protective services, and corrections.

### **Professional Communications (8161)**

**GPA 0.9**

**Program of Study:** Digital Communications

**Endorsement:** Business & Industry

**Course Abbreviation:** PROFCOMM **Credit:** .5 **Level:** 1 **Service ID:** 13009900

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

**Note:** *This course satisfies a speech credit graduation requirement*

### **Small Animal Management (8014)**

**Program of Study:** Animal Science

**Endorsement:** Business & Industry

**Course Abbreviation:** SMANIMGTA **Credit:** .5 **Level:** 2 **Service ID:** 13000400

**Recommended Prerequisite:** Principles of Agriculture, Food and Natural Resources

In Small Animal Management, students acquire knowledge and skills related to the small animal management industry. Small Animal Management may address topics related to small animals such as dogs and cats, rabbits, pocket pets, amphibians, reptiles, and birds. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to small animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

### **Social Media Marketing(13034650)**

**Program of Study:** Marketing and Sales

**Endorsement:** Business & Industry

**Course Abbreviation:** SMEDMKTG **Credit:** .5 **Level:** 3 **Service ID:** 13034650

**Recommended Prerequisite:** Principles of Business, Marketing and Finance or any marketing course

Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

### **Sports and Entertainment Marketing(13034600)**

**Program of Study:** Marketing and Sales

**Endorsement:** Business & Industry

**Course Abbreviation:** SPORTSEM

**Credit:** .5

**Level:** 2

**Service ID:** 13034600

**Recommended Prerequisite:** Principles of Business, Marketing and Finance or any marketing course

Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

### **Veterinary Science (8017)**

**Program of Study:** Animal Science

**Endorsement:** Business & Industry

**Course Abbreviation:** VETSCI

**Credit:** 1

**Level:** 4

**Service ID:** 13000600

**Prerequisite:** Equine Science, Small Animal Management, or Livestock Production

Veterinary Science covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, 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.

### **Welding I (8015)**

**Program of Study:** Welding

**Endorsement:** Business & Industry

**Course Abbreviation:** WELD1

**Credit:** 2

**Level:** 2

**Service ID:** 13032300

**Recommended Prerequisite:** Algebra I and Introduction to Welding

Welding I provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

### **Welding II (8016)**

**Program of Study:** Welding

**Endorsement:** Business & Industry

**Course Abbreviation:** WELD2

**Credit:** 2

**Level:** 3

**Service ID:** 13032400

**Prerequisite:** Welding I

**Recommended Prerequisite:** Algebra I or Geometry

Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

## **DUAL CREDIT CTE COURSES**

### **EDUC 1301 (8588)**

**Program of Study:** Teaching & Training

**Endorsement:** Public Service

**Course Abbreviation:**

**Credit:** 2 (Semester)    **Service ID:** 12701300

**Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

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.

### **EDUC 2301 (8589)**

**Program of Study:** Teaching & Training

**Endorsement:** Public Service

**Course Abbreviation:**

**Credit:** 2 (Semester)    **Service ID:** 12701400

**Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

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.

### **PTECH WELD 1413 (8662)**

**Program of Study:** Welding

**Endorsement:** Business & Industry

**Course Abbreviation:**

**Credit:** 1 (Semester)    **Service ID:** 13032900

**Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

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.

### **PTECH WELD 1417 (8656)**

**Program of Study:** Welding

**Endorsement:** Business & Industry

**Course Abbreviation:**

**Credit:** 1 (Semester)    **Service ID:**

**Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

A fundamental course in layout and fabrication related to the welding industry. Major emphasis on structural shapes used in construction.

### **PTECH WELD 1428 (8651)**

**Program of Study:** Welding

**Endorsement:** Business & Industry

**Course Abbreviation:**

**Credit:** 1 (Semester)    **Service ID:**

**Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

An introduction to the shielded metal arc welding process. Emphasis is placed on power sources, electrode selection, and various joint designs.

**PTECH WELD 1430 (8652)****Program of Study:** Welding**Endorsement:** Business & Industry**Course Abbreviation:****Credit:** 1 (Semester)    **Service ID:****Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

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.

**PTECH WELD 1434 (8653)****Program of Study:** Welding**Endorsement:** Business & Industry**Course Abbreviation:****Credit:** 2 (Semester)    **Service ID:****Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

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.

**PTECH WELD 1435 (8655)****Program of Study:** Welding**Endorsement:** Business & Industry**Course Abbreviation:****Credit:** 2 (Semester)    **Service ID:****Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

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.

**PTECH WELD 1457 (8654)****Program of Study:** Welding**Endorsement:** Business & Industry**Course Abbreviation:****Credit:** 2 (Semester)    **Service ID:****Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

A study of the production of various fillets and groove welds. Preparation of specimens for testing in various positions.

**PTECH WELD 2179 (8659)****Program of Study:** Welding**Endorsement:** Business & Industry**Course Abbreviation:****Credit:** 1 (Semester)    **Service ID:****Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

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.

**PTECH WELD 2435 (8661)****Program of Study:** Welding**Endorsement:** Business & Industry**Course Abbreviation:****Credit:** 2 (Semester)    **Service ID:****Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

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.

**PTECH WELD 2451 (8657)****Program of Study:** Welding**Endorsement:** Business & Industry**Course Abbreviation:****Credit:** 2 (Semester)    **Service ID:****Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

Advanced topics in GTAW welding, including welding in various positions and directions on sheet metal, pipe, tube, and exotic materials.

**PTECH WELD 2488 (8663)****Program of Study:** Welding**Endorsement:** Business & Industry**Course Abbreviation:****Credit:** 2 (Semester)    **Service ID:** 13002500**Prerequisite:** Complete ACC requirements, including TSI compliance, by deadlines

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.

**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 Courses**

**Dual Credit English III (8191)**

**GPA 1.2**

**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)**

**GPA 1.2**

**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)**

**GPA 1.2**

**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)

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| <b>Dual Credit College Algebra (8292)</b><br><b>Credit: 1, Semester</b><br><b>Prerequisite: Algebra II, and complete ACC requirements, including TSI compliance, by deadlines</b><br>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)                                                                                                                                                                                                                                                     | <b>GPA 1.2</b><br><b>Grade: 10-12</b> |
| <b>Dual Credit College Math (8293)</b><br><b>Credit: 1, Semester</b><br><b>Prerequisite: complete ACC requirements, including TSI compliance, by deadlines</b><br>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)                                                                                                                                                                                                                                                                                                                                                               | <b>GPA 1.2</b><br><b>Grade: 10-12</b> |
| <b>Dual Credit Statistics (8295)</b><br><b>Credit: 1, Semester</b><br><b>Prerequisite: Algebra I, and complete ACC requirements, including TSI compliance, by deadlines.</b><br>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)                                                                                                                                                                                                                                                                                   | <b>GPA 1.2</b><br><b>Grade: 11-12</b> |
| <b>Dual Credit Environmental Systems (8391)</b><br><b>Credit: 1, Semester</b><br><b>Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines</b><br>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)                                                                                                                                                                                                                                                                | <b>GPA 1.2</b><br><b>Grade: 10-12</b> |
| <b>Dual Credit U.S. History I (8498)</b><br><b>Credit: 0.5, Semester</b><br><b>Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines</b><br><b>Program of Study: Arts &amp; Humanities – Social Studies</b><br>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)                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>GPA 1.2</b><br><b>Grade: 10-12</b> |
| <b>Dual Credit U.S. History II (8491)</b><br><b>Credit: 1, Semester</b><br><b>Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines; may be used as a substitute for U.S. History since Reconstruction</b><br><b>Program of Study: Arts &amp; Humanities – Social Studies</b><br>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)                                                                                                                                                                                                                                                                                                                                                                                  | <b>GPA 1.2</b><br><b>Grade: 10-12</b> |
| <b>Dual Credit U.S. Government (8493)</b><br><b>Credit: 0.5, Semester</b><br><b>Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines</b><br><b>Program of Study: Arts &amp; Humanities – Social Studies</b><br>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) | <b>GPA 1.2</b><br><b>Grade: 11-12</b> |

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| <b>Dual Credit Economics (8591)</b><br><b>Credit: 0.5, Semester</b><br><b>Prerequisite: Complete ACC requirements, including TSI reading and math compliance, by deadlines</b><br><b>Program of Study: Arts &amp; Humanities – Social Studies</b><br>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) | <b>GPA 1.2</b><br><b>Grade: 11-12</b> |
| <b>Dual Credit Psychology (8090)</b><br><b>Credit: 0.5, Semester</b><br><b>Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines</b><br>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)                                                                                                                                                                                                             | <b>GPA 1.2</b><br><b>Grade: 10-12</b> |
| <b>Dual Credit Sociology (8091)</b><br><b>Credit: 0.5, Semester</b><br><b>Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines</b><br>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)                | <b>GPA 1.2</b><br><b>Grade: 10-12</b> |
| <b>Dual Credit Texas State and Local Government (8499)</b><br><b>Credit: 0.5, Semester</b><br><b>Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines</b><br>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)                                                                                                                                                                                                            | <b>GPA 1.2</b><br><b>Grade: 10-12</b> |
| <b>Dual Credit Spanish I, II, III, IV (8891, 8892, 8893, 8894)</b><br><b>Credit: 1, Semester</b><br><b>Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines.</b><br><b>Program of Study: Arts &amp; Humanities - LOTE</b><br>The study of fundamentals of Spanish; conversation, writing, listening and reading comprehension, vocabulary, grammar, and culture. (03440100, 03440200, 03440300, 03440400)                                                                                                                                                                                                        | <b>GPA 1.2</b><br><b>Grade: 9-12</b>  |
| <b>Dual Credit Art Appreciation (8955)</b><br><b>Credit: 1, Semester</b><br><b>Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines</b><br>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)                                                                                                                                                                                         | <b>Grade: 9-12</b>                    |
| <b>Dual Credit Music Appreciation (8998)</b><br><b>Credit: 1, Semester</b><br><b>Prerequisite: Complete ACC requirements, including TSI compliance, by deadlines</b><br><b>Program of Study: Arts &amp; Humanities - Music</b><br>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)                                                                                                                                                                                                                                               | <b>Grade: 9-12</b>                    |

**Dual Credit EDUC 1300 (8585)****Credit: 0.5, Semester****Grade: 9-12****Prerequisite: ECHS or Dual Credit Student, Complete ACC requirements, including TSI compliance by deadlines**

A study of the 1) research and theory in the psychology of learning, cognition, and motivation, 2) factors that impact learning, and 3) application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned.

**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>.**

**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