EMS ISD

2027-2028

Course Description

HANDBOOK

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CRISWELL TRAIL HIGH SCHOOL RANGERS

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A Message from the Superintendent

Dear EMS ISD Families,

We are proud to present the 2027-2028 Course Description Handbook which includes graduation requirements, course descriptions, and other general information you may need to make informed decisions about your education career in EMS ISD.

The mission of Eagle Mountain-Saginaw Independent School District is to foster a culture of excellence that instills a passion for a lifetime of continuous achievement in every student. Creating a successful future for every student in our district is a result of the combined efforts of students, school personnel, and parents. Through the course selection process, you have the opportunity to create your own pathway of success by carefully selecting your classes since these choices will be a foundation for your future.

In EMS ISD, we recognize that every student is a unique individual with unique potential, and we encourage you to consider your own personal likes as well as your strengths and aspirations when choosing courses. We also encourage you to challenge yourself to best prepare for continued success as you move into a college environment in the near future. All students should consider taking advanced coursework including Advanced, Advanced Placement (AP), Tarleton Today, dual credit, and advanced certification eligible CTE courses.

Course choices also should include consideration of the many career and technology classes and co-curricular courses including athletics and fine arts. With careful planning, students may graduate as an AP scholar, an industry-recognized certification, or with extensive college credits as a result of our robust dual credit and dual enrollment offerings. Our Premier Pathway program in partnership with Tarleton State University provides EMS ISD students the opportunity to earn 42 college credits and core complete status which is recognized by all Texas public universities. Please review your options carefully, discuss these options with your parents, and ask questions of our counselors.

With strong academics as our focus, we understand that the best-prepared students are those who also are actively involved in their schools and community. Therefore, we encourage you to balance class loads as well as become involved in extra-curricular opportunities as an important component in your personal development in high school. Our goal is for all students to have a meaningful educational experience throughout their time in EMS ISD that inspires life-long learning and prepares them for future success in their chosen paths beyond graduation. Please contact your school counselor or a school administrator if you have any questions about the course selection process. I wish you success in your planning efforts.

Sincerely,



Jerry D. Hollingsworth, Ed.D.

District Mission Statement

The mission of Eagle Mountain-Saginaw Independent School District is to foster a culture of excellence that instills a passion for a lifetime of continuous achievement in every student.

Board of Trustees

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District Administration

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Dr. Walter Berringer, Deputy Superintendent

High School Principals

Boswell High School
Ryan Wilson

Chisholm Trail High School
Jenn Stark

Eagle Mountain High School
Dr. Ron Gatlin

Saginaw High School
Dr. Ray Blanco

Watson High School
Ben Renner

Advanced Academics

Texas recognizes that a strong education is the cornerstone of our children's future. According to the Texas Education Agency, it is essential to provide students with every opportunity to excel academically through rigorous and challenging coursework. Colleges also value a demanding high school curriculum, as it plays a critical role in preparing students for success in higher education. In fact, a survey by the National Association for College Admission Counseling found that a student's performance in the most challenging available high school courses is the most important factor in college admissions decisions.

Academic courses that include Advanced Placement (AP), Dual Credit, and Tarleton Today are collectively referred to as Advanced courses. These courses are available to students in grades 7 – 12 and are designed to explore curriculum with greater depth and complexity. They require additional study outside the classroom and demand strong time management skills. The focus is on helping students develop the skills and strategies needed to succeed in the most rigorous high school courses and in post-secondary education. Advanced courses are offered in English, mathematics, science, social studies, world language, career and technical education, and fine arts.

Advanced Placement (AP)

Courses offered through the College Board's Advanced Placement Program enable Texas students to pursue college level coursework while still in high school. Based on AP Exam performance, students can earn credit toward a college degree, skip introductory college classes, enter higher-level classes, and/or fulfill general college educational requirements, depending on the college or university.

Eagle Mountain-Saginaw ISD supports the College Board's commitment to the principle that all students who are willing to accept the challenge of a rigorous coursework provided through a college-level curriculum deserve an opportunity to participate in AP courses. Our high schools offer a variety of Advanced Placement Courses. Advanced Placement classes require extra time on the part of students for class preparation, outside reading and/or labs, and completion of assignments. Also, it is the expectation that students who take AP Classes will take AP exams. (Note: Some colleges and universities will not attach value to a high school course labeled AP unless an AP Exam grade is also presented for that course.) Complete course descriptions and practice exam questions can be accessed on the College Board website.

EAGLE MOUNTAIN-SAGINAW ISD ADVANCED PLACEMENT (AP) COURSE OFFERINGS

English	Mathematics	Science	Social Studies	Other Electives
English Language & Composition	Precalculus	Biology	Human Geography	French Language
English Literature & Composition	Calculus AB	Chemistry	World History	German Language
Capstone Seminar	Calculus BC	Physics I	United State History	Spanish Language
Capstone Research	Statistics	Physics II	United States Government & Politics	Spanish Literature
		Environmental Science	Macroeconomics	Art – Studie Art
			European History	Art – 2D Design
			African American Studies	Art – 3D Design
			Psychology	Art History
				Music Theory
				Computer Science Principles
				Computer Science A

Dual Credit

Dual Credit courses provide eligible high school students with the opportunity to earn both high school credit and college credit simultaneously through Tarrant County College (TCC) while enrolled in Eagle Mountain-Saginaw Independent School District (EMS ISD). These courses allow students to begin their postsecondary education while still in high school, helping them accelerate progress toward a college degree and potentially reduce future college expenses.

To participate in Dual Credit courses, students must:

- Obtain approval from their high school counselor or campus administration.
- Apply and enroll at Tarrant County College.
- Meet all admission, testing, placement, and prerequisite requirements established by the college.
- Maintain eligibility and satisfy both high school and college academic expectations throughout the course.

Students and families are responsible for all applicable college costs associated with Dual Credit enrollment, including tuition, fees, textbooks, and other required course materials unless otherwise covered through a district, state, or college-supported funding program. Participation in Dual Credit represents a commitment to the rigor and responsibilities of a college-level course, and grades earned become part of the student's permanent college transcript.

EAGLE MOUNTAIN-SAGINAW ISD DUAL CREDIT COURSE OFFERINGS

High School Course	TCC Course	College Hours	Course Site
English III (1033 / 1034)	ENGL 1301 / ENGL 1302	3 / 3	EMS Campus, TCC NW Campus, Virtual
English IV (1043 / 1044) or English IV (1046 / 1047)	ENGL 1301 / ENGL 1302 or ENGL 2327 / ENGL 2323	3 / 3 3 / 3	EMS Campus, TCC NW Campus, Virtual
US History (1433 / 1434)	HIST 1301 / HIST 1302	3 / 3	EMS Campus, TCC NW Campus, Virtual
US Government (1443)	GOVT 2305	3	EMS Campus, TCC NW Campus, Virtual
Economics (1463)	ECON 2301	3	EMS Campus, TCC NW Campus, Virtual
Communication Applications (1111)	SPCH 1311	3	TCC Campus or Virtual
Algebra II (1236)	MATH 1314	3	TCC Campus or Virtual
Independent Study in Math (1246)	MATH 1324	3	TCC Campus or Virtual
Psychology (1486)	PSYCH 2301	3	TCC Campus or Virtual
Sociology (1491)	SOCIO 1301	3	TCC Campus or Virtual
American Sign Language I (1910)	SLNG 1401	4	TCC Campus or Virtual
American Sign Language II (1920)	SLNG 1402	4	TCC Campus or Virtual
Spanish III (1533)	SPAN 2311	3	TCC Campus or Virtual
Intro to Aircraft Technology (5635)	Fall: AERM 1315 / 1205 Spring: AERM 1310 / 1208	5 5	TCC Alliance Campus
Aircraft Powerplant Technology (5636)	Fall: AERM 1314 Spring: AERM 1303	3 3	TCC Alliance Campus

* Course site options, but may not be available on all campuses each year. Site decisions are based on enrollment and determined by Tarrant County College staff.

CTE Dual Credit/Dual Enrollment

The following dual credit and dual enrollment courses will be offered at the Hollenstein Career and Technology Center (HCTC) and taught by HCTC instructors who are fully credentialed through Tarrant County College (TCC) and/or Tarleton State University. Upon successful completion, students will earn both college credit—through TCC or Tarleton State University—and high school credit through Eagle Mountain-Saginaw ISD.

High School Course	High School Credit	College Course	College Hours	College Partner
Networking & Security w/ Lab (5092DC)	1 – Fall Semester 1 – Spring Semester	CPMT 1403 ITNW 1309	4 3	TCC
Cybersecurity (5061D / 562D)	1 – Fall Semester 1 – Spring Semester	ITNW 1425 ITSY 1300	4 3	TCC
Culinary Arts (5374D)	1 – Fall Semester 1 – Spring Semester	CHEF 1301 CHEF 1305	3 3	TCC
Advanced Culinary Arts (5376D)	1 – Fall Semester 1 – Spring Semester	HAMG 2301	3	TCC
Instructional Practices in Education (5332T)	1 – Fall Semester 1 – Spring Semester	- EDUC 1301	- 3	Tarleton State University
Practicum in Education (5333T)	1 – Fall Semester 1 – Spring Semester	- EDUC 2301	- 3	Tarleton State University
Advanced Animal Science (5242T)	1 – Spring Semester	ANSC 1319 ANSC 1119	3 1	Tarleton State University

Tarleton Today/Dual Enrollment

Tarleton Today is a dual enrollment opportunity designed to help Texas high school students get a head start on their college education while still completing their high school requirements. Through this program, students can earn college credit in multiple subject areas, all taught using university-level curriculum and standards. Students remain in their high school classrooms, where their teachers deliver the high school portion of the course. A Tarleton State University professor provides college-level instruction, ensuring students experience the rigor and expectations of higher education. All course materials—including syllabi, textbooks, assignments, and grading criteria—mirror those used on Tarleton's campus.

High School Course	Tarleton Course	College Hours (Fall / Spring)
English III (1033T / 1034T)	ENGL 1301 ENGL 2326	3 3
English IV (1043T / 1044T) or English IV (1046T / 1047T)	ENGL 1301 / ENGL 2326 ENGL 1320 / ENGL 2307	3 / 3 3 / 3
Algebra II (1235T)	MATH 1314	0 / 3
Precalculus (1255T)	MATH 2412	0 / 4
Anatomy & Physiology (1371T)	BIOL 2401	0 / 4
Chemistry (1325T)	CHEM 1311 CHEM 1111	0 / 4 0 / 1
U.S. History (1433T / 1434T)	HIST 1301 HIST 1302	3 / 0 0 / 3
U.S. Government (1443T)	GOVT 2306	3
Personal Financial Literacy (1463T)*	BUSI 1307	3
Special Topics in Social Studies I (XXXXX)*	GOVT 2306	3
Communication Applications (1111T)	COMM 1315	3

*Courses available in 2028-2029

EMSISD Premier Pathway

Premier Pathway is a district-wide initiative to partnership with Tarleton State University that allows high school students to earn up to 45 college credit hours through the Tarleton Today dual credit program. Students who complete the full sequence will be considered "Core Complete" by the time they graduate, meaning they've fulfilled the foundational 42-credit core curriculum required by Texas public universities – plus 3 additional credits for enhanced college readiness.

Grade	English	Math	Science	Social Studies	Additional Requirements
9th	Advanced English I (1015)	Advanced Algebra I (1215) or Advanced Geometry (1225)	Advanced Biology (1315)	Advanced World Geography (1415) or AP Human Geography (1475)	TT College Readiness (1080) TT Communication Applications (111T) LOTE I PE/Athletics Elective
10th	Advanced English II (1025)	Advanced Geometry (1225) or TT Algebra II (1235T)	TT Chemistry (1325T)	AP World History (1425)	LOTE II Electives (3)
11th	TT English III (1033T / 1034T)	TT Algebra II (1235T) or TT Precalculus (1255T)	TT Anatomy & Physiology (1371T)	TT US History (1433T / 1434T)	Electives (4)
12th	TT English IV (1046T / 1047T)	TT Precalculus (1255T) or AP Math Course	Advanced Science Course	TT US Government (1443T) and TT Financial Literacy (1463T)	TT Texas Government (XXXX) Electives (3.5)

*TT = Tarleton Today

During 9th and 10th grade, students in the program are required to take two core classes at the Advanced level in addition to Tarleton Today courses.

Texas Core

The Texas Core Curriculum is a set of general education requirements mandated for all undergraduate students at public colleges and universities in Texas. Designed by the Texas Higher Education Coordinating Board and implemented in Fall 2014, its purpose is to ensure students develop essential knowledge and skills to succeed in college, careers, communities, and life.

Courses that fulfill each core component may vary by college or university. Whenever you take a course at Eagle Mountain-Saginaw ISD that aligns with the Texas Core Curriculum, you are potentially making progress toward your degree at any public institution of higher education in Texas. These institutions are required to accept the dual credit or dual enrollment courses you complete at Eagle Mountain-Saginaw ISD, provided they are part of the Texas Core.

Eagle Mountain-Saginaw ISD offers multiple pathways to earn Texas Core credits. Many Dual Credit, Tarleton Today, and Advanced Placement (AP) courses are included in the Core. When choosing advanced classes, it's important to pay close attention to the Core areas. Decisions about courses outside the Core should be based on the college you plan to attend, your intended degree, and your personal interests. Courses taken outside the Core may or may not apply to your degree plan. In some cases, non-Core classes can still count as electives or program-specific credits, but this depends on the institution and degree requirements.

Additional Notes on Advanced Placement (AP) Courses:

- AP courses may be better suited for some private institutions, even though they also prepare students for public colleges in Texas.
- A qualifying score of 3 or higher on an AP exam may result in college credit being granted and recorded on your college transcript.
- AP courses are designed by the College Board to demonstrate college readiness when a qualifying score is achieved.

G/T Program

The EMS ISD Gifted and Talented (G/T) Program is designed to meet the needs of identified gifted students who demonstrate above-average ability in two areas, as defined by the Texas State Plan for the Gifted: (1) high general intellectual ability and (2) creative and productive thinking.

In Eagle Mountain-Saginaw ISD, secondary G/T students are served through Advanced and AP courses. In alignment with the Texas State Plan, these students regularly engage with intellectual peers and receive differentiated instruction that deepens and enriches the curriculum. A key strategy used is *clustering*, which places five or more G/T students in the same class. This approach allows students to benefit from both heterogeneous and homogeneous groupings. G/T cluster classes are not composed exclusively of G/T students. Teachers of these classes receive specialized training, including the required 30-hour foundational G/T training, annual 6-hour updates, and additional district-led professional development alongside other G/T educators.

G/T students are expected to enroll in at least one Advanced or AP course each year throughout middle and high school. If a student chooses not to take at least one such course in a given year, they must either enter furlough status or formally exit the program. While EMS ISD identifies general academic giftedness, we recognize that each student has unique strengths and interests. As students' progress through middle and high school, it becomes increasingly important for them to focus on areas aligned with their passions and talents. Our goal is to support students in exploring a wide range of subjects and experiences as they grow and learn within Eagle Mountain-Saginaw ISD.

Exiting an Advanced Academic Course

Requests to change schedules for Advanced or AP courses after the designated annual add/drop date are subject to the following process:

- Timing of Requests: Requests to exit an Advanced/AP course will not be considered until after the 10th instructional day of the course. This allows students time to adjust to the curriculum and work with their teacher.
- Request Window: Requests to exit a course may be submitted between the end of the 10th instructional day and the end of the first six weeks of the course. For second-semester courses, requests will be considered at the end of the first semester.
- Submission Requirements: Students must submit a written request to their counselor, including a valid explanation for the schedule change. The request must be approved by a parent or guardian.
- Review Process: Before a change is enacted, the student's academic history, attendance, and use of tutorials or interventions will be reviewed in conjunction with the reason for the request.
- Conference: A meeting will be held with the student, teacher, counselor, administrator or designee, and parent. During the conference, the following options will be discussed:
    - Developing a Performance Improvement Plan: This plan may include alternative instructional strategies, attendance expectations, student effort, use of tutorials and interventions, and specific target dates for progress updates.
    - Exiting the Course: If the student's academic history and committee assessment indicate that the student lacks the necessary skills for success and was inappropriately placed, the student may be moved to a more appropriate course.

The following reasons will not be considered valid for requesting a schedule change from an Advanced or AP course:

- Preference for a different teacher
- Desire for a different lunch period
- Wanting to be in classes with friends
- Unwillingness to complete classwork or required reading.
- Enrolled in the course by choice but now wants to drop it because it is not needed for graduation.
- Not earning an A or B in the course
- Concern about impact on GPA

Due to the partnership agreement for Dual Credit (TCC) and Tarleton Today (TSU) any request to exit these courses must follow the college/university process. Refund of tuition or other fees will be coordinated with the college/university if applicable.

Automatic College Admission: Top 10% Rule

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 applicant 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. earns the distinguished level of achievement under the Foundation High School Program; or
2. satisfies ACT's College Readiness Benchmarks on the ACT assessment or earns on the SAT assessment a score of at least 1500 out of 2400 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 to 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 distinguished level of achievement under the Foundation High School Program or the portion 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.

Class Rank and GPA

Applicable to students who entered Grade 9 between the 2013–14 and 2027-28 school years:

- The district will include grades earned in all high school credit courses in the calculation of class rank, regardless of when the credit was earned—unless excluded below.
- The following grades will be excluded from class rank calculations:
    - Local credit courses
    - Physical education credits earned through alternative sources (e.g., Off-Campus PE)
    - Courses taken as Pass/Fail
    - Credit recovery courses completed through the district's online platform
    - Summer school courses
    - Transfer credits from non-accredited or international schools
    - Acceleration through AP exams
- Level 3 Courses: Eligible AP courses listed in the course description handbook will be categorized as Level 3 and will receive 10 extra points toward GPA.
- Level 2 Courses: Eligible Advanced courses, OnRamps, dual credit, and Tarleton Today courses listed in the course description handbook will be categorized as Level 2 and will receive 5 extra points toward GPA.
- Level 1 Courses: All other eligible courses will be categorized as Level 1 and will receive no extra points toward GPA.
- Courses that are repeated after credit has already been granted will not be included in the student's GPA.

Applicable to students who entered Grade 7 in 2027-28 and beyond:
In accordance with Senate Bill 1191, the Texas Commissioner of Education is required to develop a standardized method for calculating high school grade point averages (GPAs). This method will assign additional, equal weight to academically rigorous courses, including:

- Honors courses
- Advanced Placement (AP) courses
- International Baccalaureate (IB) courses
- Tarleton Today dual enrollment courses
- Dual credit courses

Once the new GPA calculation method is released to school districts, it will be published here.

Classification of Credit

Students are classified based on the number of high school credits earned and their years in high school, as determined at the beginning of the school year. Students who have earned enough credits to skip a grade may only do so if an early graduation application is on file with their school counselor.

Freshman	Promotion from 8th grade
Sophomore	5.5 to 11.5 credits
Junior	12 to 18.5 credits
Senior	19 plus credits

College Examinations

Many colleges and universities require entrance exams as part of the admissions process. Students planning to attend college are encouraged to take the following assessments. It is recommended that students complete English III and Algebra II before attempting any college entrance exam. Additionally, students should contact their college of choice to confirm specific placement and entrance exam requirements.

- National Merit Scholarship Qualifying Test (PSAT/NMSQT): This exam helps sophomores and juniors assess their readiness for college-level work and begin planning for college. It is also used by some universities and industries for scholarship consideration. Scores from the junior-year PSAT are used to determine eligibility for the National Merit Scholarship Program.
- ACT and/or SAT: These standardized exams are commonly used by colleges and universities for admissions and academic advising. Students should verify which test is required or preferred by the institution they plan to attend. Both exams are offered multiple times throughout the year at various testing locations. A registration fee is required for each exam and must be paid at the time of registration. Registration information is available online at: www.collegeboard.com (SAT) and www.act.org (ACT)
- Texas Success Initiative Assessment 2.0 (TSIA2): Students attending Texas public colleges and universities must comply with the Texas Success Initiative (TSI), in effect since Fall 2003 (Texas Education Code §51.3062), to enroll in credit-bearing courses. The law requires all incoming college students to be assessed for college readiness in reading, writing, and mathematics—unless they qualify for an exemption. Students who do not meet the minimum passing standards on the institution's placement exam must enroll in a developmental education program designed to help them achieve college readiness.

Other Testing

- STAAR (State of Texas Assessments of Academic Readiness): The STAAR program includes End-of-Course (EOC) exams for students enrolled in specific high school credit courses. The required EOC exams are Algebra I, English I, English II, Biology, and U.S. History. To graduate, students must pass all five EOC exams. For testing dates and additional information, please visit the district's Educational Programs and Accountability webpage.
- Advanced Placement (AP): AP exams give students the opportunity to earn college credit by examination at participating colleges and universities. For details on how credit is awarded, please visit www.collegeboard.com.
- ASVAB (Armed Services Vocational Aptitude Battery): The ASVAB is available to students in grades 10–12. It measures a student's aptitudes and abilities and helps match them with potential careers in both civilian and military fields.

Maximum Allowable Courses

Students are limited to no more than eight courses per day during the school year. This limit does not include correspondence courses, online courses, or any other courses taken outside of the regular school day.

Additional Course Credit Options

Credit by Exam for Acceleration: Students may earn credit for certain courses without prior instruction by taking a Credit by Exam for Acceleration. Prior approval must be obtained through the counseling office. To earn credit, a student must:

- Score 80 or above on the exam
- Meet all other eligibility requirements

Testing fees may apply. For details on requirements and procedures, contact your counselor. Scores from the exam will be added to the student's Academic Achievement Record and used in calculating GPA, as outlined in Board Policy. For more information, visit the district's Educational Programs and Accountability webpage.

Advanced Placement (AP) for Acceleration: Students may also accelerate by taking an AP exam without prior instruction. Credit is awarded if the student scores a 3 or higher on a Board-approved AP exam offered in EMS ISD.

- The student will receive a "P" (pass) on their grade history and Academic Achievement Record (transcript).
- The score is not included in GPA calculations.
- The Pass/Fail option does not count toward the 4 credit limit.

Credit by Exam for Credit Recovery: Students may recover credit for courses where credit was denied due to failing grades or excessive absences by taking a Credit by Exam for Credit Recovery. Prior approval must be obtained through the counseling office. To earn credit, a student must:

- Score a 70 or above on the exam.
- Pay the required testing fee.

The student will receive a "P" (pass) on their grade history and Academic Achievement Record (transcript). This score is not included in GPA calculations and does not count toward the 4 credit limit. For more information, contact your school counselor.

Correspondence Courses: Students may enroll in correspondence courses with prior approval, using an application available in the counseling office.

- Students may take only one correspondence course at a time, unless special circumstances are approved by the building principal.
- Students planning to graduate using correspondence coursework must meet additional requirements, see your school counselor for details.

Credit Recovery Lab (Capture): Capture is offered as a class during the school day to help students successfully complete courses they previously attempted but did not pass. The program uses a self-paced, computer – based curriculum and requires a high level of self-discipline and motivation. Enrollment in Capture is a privilege and should be treated accordingly.

- Students will receive a Pass/Fail grade for any credit earned through Capture.
- The Pass/Fail option for Capture courses does not count toward the 4 credit limit
- Online courses, including Capture, do not meet NCAA core requirements.

Early Graduation

Early graduation may be approved by the principal or the principal's designee, based on a recommendation from the high school counselors. An Early Graduation Agreement must be signed and submitted before the start of the third year for students planning to graduate in three years, and before the start of the senior year for mid-year graduates.

Students intending to graduate in three years will only be promoted to the next grade level after completing the early graduation application process and earning a minimum of 19 credits. All students seeking early graduation must fulfill all graduation requirements.

Grade Reporting

A student must be present 90% of the days in each class during a semester. Numerical scores are used to report grades and a minimum grade average of 70 is required for receiving credit.

End of Course (EOC) Graduation Requirements

Beginning with students who entered high school in the 2011–2012 school year, the State of Texas Assessments of Academic Readiness (STAAR™) replaced the Texas Assessment of Knowledge and Skills (TAKS). The STAAR program includes five end-of-course (EOC) assessments. Only senior students who have completed all graduation requirements may participate in the graduation ceremony.

In accordance with Senate Bill 673, passed by the 80th Texas Legislature, students receiving special education services who have not yet met the requirements of their Individualized Education Programs (IEPs) are allowed to participate in a graduation ceremony after completing four years of high school.

Local Credits

Some courses offered are not among the state approved courses and will receive local credit. Local credits do not count as credit toward graduation or student GPA calculation.

Early Release & Late Arrival

EMS ISD juniors and seniors who are on track for graduation and meet the following requirements may request a release period(s). Juniors are eligible for a maximum of two release periods. Seniors are eligible for a maximum of three release periods. Release periods must be scheduled in a combination of 1st period, 2nd period, 6th period, 7th period, and 8th period. Students may not have a release period between classes (e.g. 6th class, 7th release, 8th class).
Release Requirements:

- Juniors must have a minimum of 15 credits.
- Senior credit requirement
    - 19 credits = 1 release period
    - 20 credits = up to 2 release periods
    - 21 credits = up to 3 release periods
- College Career Military Readiness (CCMR) criterion met as defined by the Texas Education Agency (TEA).
- Reliable daily transportation.
- Parent/Guardian and School Counselor permission

Note: Principal discretion is available to approve unique situations for extenuating circumstances.

Prerequisites

In accordance with Texas Education Code (TEC) Chapter 74, Subchapter G, students may not enroll in a course that has a required prerequisite unless they have successfully completed the prerequisite course(s). However, an exception may be granted if a qualified individual—such as a teacher, administrator, or counselor familiar with the student's academic abilities—determines that the student is capable of succeeding in the course.

Schedule Change Process

Master schedules are developed each spring in preparation for the upcoming school year. Student course selections play a key role in determining the number of teachers and class sections needed for each course. This process allows administrators to plan effectively and hire staff to support strong academic outcomes.
When students are allowed to change schedules at random, it can lead to overcrowded classes and disrupt the balance of the master schedule. Schedule changes rarely affect just one course; they often create a ripple effect across multiple classes. That's why thoughtful and intentional course selections are essential and benefit everyone involved.

Thank you for being a vital part of our educational team as we work together to support academic excellence.

Course Selection

- Parent and student informational meetings will be held during the course selection period.
- Students will receive guidance throughout the course selection process.
- Students who do not complete the course selection process will have courses assigned by their counselor based on academic needs and graduation requirements.

Add/Drop Window

- Please check with your high school counselor for the specific add/drop schedule on your campus.
- Schedule changes during the school year will only be considered for the following reasons:
    - Graduation plan adjustments
    - Level changes (e.g., Advanced to on-level)
    - Computer or scheduling errors

Transfer Students

Students transferring from out of state must meet all Texas graduation requirements to be eligible for a diploma from Eagle Mountain-Saginaw ISD. Students entering from another state or a state-accredited private school that uses letter grades instead of numerical grades will have their grades interpreted for class ranking and other academic purposes according to the chart below—unless the sending school provides documentation of the numerical equivalent for each letter grade. Courses transferred for credit will be recorded as regular-level courses for GPA calculation purposes. To have a transferred course recognized as an advanced-level course for class ranking, the course must either:

- Be clearly identified as advanced level on the transcript, or
- Be confirmed by the sending school as equivalent to an advanced-level course, as verified by the high school counselor.

Students moving into the district may receive advanced-level ranking points for transferred courses only if those courses are currently awarded advanced ranking points at EMS ISD high schools. The following scale shall be used to convert grades of students transferring into the district with letter grades when a conversion is not provided by the previous school or district:

Letter Grade	Numeric Equivalent
A+	99
A	95
A-	92
B+	89
B	85
B-	82

Letter Grade	Numeric Equivalent
C+	79
C	75
C-	73
D+	72
D	71
D-	70
F	65

Transfer Credit

Graduation credits will be accepted from the following institutions:

- Accredited public schools
- State-accredited home school organizations
- Private or parochial schools accredited by an association recognized by the Texas Commissioner of Education

Grades from these institutions will be recorded numerically on student transcripts.

For students transferring from non-accredited public, private, home, parochial, or foreign schools, the district will validate courses through testing or other evidence to ensure that all Texas Essential Knowledge and Skills (TEKS) standards are met. Validated courses will be awarded Pass/Fail credit on the transcript.

Student placement may be determined using district-approved assessments or a committee review process. Arrangements for these exams must be made by the student after enrollment in an EMS ISD school. The numerical grade earned on the exam will be recorded on the transcript. To receive credit, a student must earn a minimum score of 70 or higher.

Pass/Fail Option

The Pass/Fail option outlined below applies to all current EMS ISD high school students. By requesting a course under the Pass/Fail option, I acknowledge and understand the following:

- Pass/Fail request forms must be submitted to the counseling office no later than the 10th day of the first semester of the course.
- Once the Pass/Fail option is declared, I may not revert to the standard GPA format for that course after the deadline has passed.
- I am committed to performing well in the course.
- All Pass/Fail students will undergo a three-week performance review to ensure class expectations are met.
- The school reserves the right to remove me from the course at any time if I fail to complete assigned work. Removal may result in loss of credit.
- If I am removed from a Pass/Fail course due to noncompliance with these guidelines, I will forfeit the right to enroll in future courses under the Pass/Fail option.
- I understand that Pass/Fail may not be the best choice in all situations. I will consult with my counselor before making a final decision.
- I may enroll in no more than two Pass/Fail courses per semester.
- Courses required under any graduation plan cannot be taken as Pass/Fail. However, core content or required courses taken in excess of graduation requirements may be eligible.
- A maximum of four credits may be earned on a Pass/Fail basis.
- The following Pass/Fail options do not count toward the four-credit limit:
    - Off-Campus PE
    - PE substitutions from Band, Drill Team, or Color Guard
    - PE credit awarded from Dance
    - Acceleration through Advanced Placement exams
    - Credit recovery
    - Summer school
    - Transfer credits
    - Local credits

Physical Education Requirements

Texas graduation requirements include 1 credit of Physical Education for all students. A student may not receive credit for a specific physical education course more than once. Students may earn a maximum of 4 state physical education credits through any combination of physical education courses and/or substitutions. In unique situations a student may substitute a Physical Education credit with an approved elective. This must be approved through the student's annual ARD as a result of their eligibility in Special Education or 504.

Physical Education Substitutions

All students are required to complete one unit of Physical Education (PE) for graduation. The following activities may be used to substitute for the required PE credit: Drill Team, Marching Band, Cheerleading, Athletics, JROTC, and Off-Campus Physical Education

Specific credit information for athletics, physical education, and fine arts substitutions is outlined below:

- Athletics: Students may earn up to 4 state PE substitution credits through participation in athletics.
- Cheerleading: Students may earn up to 4 state PE substitution credits through participation in cheerleading.
- Dance: Dance I (3310) satisfies the state Fine Arts graduation requirement. Students enrolled in Dance I will also receive credit for Skill-Based Lifetime Activities to meet their PE credit requirement.
    - Awarding of the Skill-Based Lifetime Activities credit depends on the teacher's certification in both physical education and fine arts and is subject to change.
- Drill Team: Students may earn up to 4 Fine Arts credits and up to 1 PE credit through drill team participation.
    - A ½ credit of PESUB will be awarded at the completion of the fall semester with a passing grade in Drill Team.
    - Students in their 3rd or 4th year of drill team who have not previously received PE substitution credit may still earn up to 1 PE substitution credit (0.5 credit awarded in the fall semester only).
    - Drill Team Credit Breakdown:
        - 1st Year: Dance I + 0.5 PE Substitution Credit (fall only)
        - 2nd Year: Dance II + 0.5 PE Substitution Credit (fall only)
        - 3rd Year: Dance III
        - 4th Year: Dance IV
- Band: Students may earn up to 4 Fine Arts credits and up to 1 PE credit through band.
    - A ½ credit of PESUB will be awarded at the completion of the fall semester with a passing grade in Band.
    - Students in their 3rd or 4th year of band who have not previously received PE substitution credit may still earn up to 1 PE substitution credit (0.5 credit awarded in the fall semester only.)
    - Band Credit Breakdown:
        - 1st Time Taken – Music I Band plus 0.5 PE Substitution credit (fall only)
        - 2nd Time Taken – Music II Band plus 0.5 PE Substitution credit (fall only)
        - 3rd Time Taken – Music III Band
        - 4th Time Taken – Music IV Band
- JROTC: JROTC I can be used to meet the state physical education requirements. The grade for this course will post in the Physical Education area of the Academic Achievement Record (transcript) showing completion of the state PE requirement.

Career and Technical Education (CTE)

The Eagle Mountain-Saginaw ISD Career and Technical Education (CTE) program provides students with learning opportunities that combine rigorous academic instruction with career-focused, hands-on experiences. Our goal is to develop lifelong learners who are well-prepared to reach their full potential in post-secondary education and to succeed in their chosen career paths. The primary purpose of the CTE program is to ensure that every student is equipped for continued learning, career achievement, and responsible citizenship.

CTE courses are offered at EMSISD secondary campuses and at the Hollenstein Career and Technology Center (HCTC). These course prepare students for success in 21st century careers through an innovative and forward-thinking approach to education. CTE provides a wide range of programs of study that combine rigorous academic coursework with a strong focus on career skill development through hands-on, applied learning experiences. For more details on specific courses in each program of study go to the CTE section of this guide.

Please note: Because some of these courses are only offered on the HCTC campus, students assigned to ADC must consult with their school counselor to determine whether continued enrollment in the course is an option.

EMSISD Program of Study Offerings:

- Agriculture, Food, and Natural Resources
  - Plant Science
  - Veterinary Science
  - Welding
- Architecture and Construction
  - Electrical Technology
- Arts, A/V Technology, and Communication
  - Animation
  - Audio/Video Production
  - Video Game Design
- Business, Marketing, and Finance
  - Advertising and Marketing
  - Finance and Investing
- Education and Training
- Health Science
  - Biomedical Science
  - Diagnostic and therapeutic Services
- Hospitality and Tourism
  - Culinary Arts
- Human Services
  - Family and Community Services
  - Cosmetology
- Information Technology
  - Networking and Cybersecurity
- Law and Public Service
  - Law Enforcement
  - Legal Studies
  - Emergency Services: Fire Technology/EMR
- Science, Technology, Engineering, and Mathematics (STEM)
- Transportation, Distribution, and Logistics
  - Automotive Technology
  - Aircraft Technology

Graduation Requirements

Eagle Mountain-Saginaw ISD: Distinguished Level of Achievement Plan (26 credits)

Course Requirements	Endorsement Options (Must Choose 1)
English (4 credits) • English I • English II • English III • English IV	STEM • CTE Program of Study Completer • Math: Algebra II + 2 Advanced Math Courses • Science: Chemistry, Physics, and 2 Advanced Science Courses • Math/Science: Algebra II, Chemistry, Physics, and either 1 Advanced Math or 1 Advanced Science Business & Industries • CTE Program of Study Completer • 3 credits in Debate • 3 credits in Newspaper Public Services • CTE Program of Study Completer • 4 credits of JROTC Arts and Humanities • 1 additional credit from Social Studies electives • 4 credits from a single World Language • 2 credits from one World Language and 2 credits from another World Language • 4 credits of American Sign Language Multidisciplinary Studies • 4 credits in each of the 4 foundation subject areas to include English IV and Chemistry or Physics • 4 credits in AP or Dual Credit courses selected from English, mathematics, science, social studies, economics, language other than English, or fine arts
Mathematics (4 credits) • Algebra I • Geometry • Algebra II • Advanced Math	
Science (4 credits) • Biology • IPC, Chemistry, or Physics • Advanced Science • Advanced Science	
Social Studies (4 credits) • World Geography • World History • U.S. History • U.S. Government • Economics/Personal Financial Literacy	
Language Other Than English (2 credits) • LOTE Level I • LOTE Level II	
Fine Arts • 1 credit	
Physical Education • 1 credit	
Electives • 6 credits	
STAAR EOC: English I, English II, Algebra I, Biology, and U.S. History	

Core Classes:

English Language Arts

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
English I	1.0	1	9	None
Advanced English I / GT	1.0	2	9	None
English I for Speakers of Other Languages	1.0	1	9	LPAC Committee placement
English II	1.0	1	10	None
Advanced English II / GT	1.0	2	10	None
English II for Speakers of Other Languages	1.0	1	10	LPAC Committee placement
English III	1.0	2	11	None
AP English III / GT	1.0	3	11	None
English III Dual Credit	1.0	2	11	TCC admission standards
Tarleton Today English III	1.0	2	11	None
English IV	1.0	1	12	None
AP English IV	1.0	3	12	None
English IV Dual Credit	1.0	2	12	TCC admission standards
Tarleton Today English IV	1.0	2	12	None
AP Capstone Seminar	1.0	3	10 – 11	None
AP Capstone Research	1.0	3	11 – 12	AP Capstone Seminar
Creative/Imaginative Writing	0.5	1	10 – 12	English I
Practical Writing Skills	1.0	1	9 – 12	LPAC or ARD Committee placement
Reading I	1.0	1	9 – 12	LPAC or ARD Committee placement
Reading II	1.0	1	10 – 12	LPAC or ARD Committee placement
English Language Development & Acquisition I	1.0	1	9 – 12	LPAC Committee placement
English Language Development & Acquisition II	1.0	1	10 – 12	LPAC Committee placement

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Suggested Guidelines:

Program	9th Grade	10th Grade	11th Grade	12th Grade
On-Level Courses	English I	English II	English III	English IV
Advanced Courses	Advanced English I	Advanced English II	AP English III Dual Credit English III Tarleton Today English III	AP English IV Dual Credit English IV Tarleton Today English IV

These suggested guidelines are designed to aid the student in choosing the course in which he/she will be most successful based on prior courses taken.

English Language Arts Core Classes:

English I

Local Code: 1010/1010C/1010I/1010X
State Code: 03220100
Grade Placement: 9
Prerequisite: None
Credit: 1.0
English I builds on students' prior knowledge and skills to strengthen their reading, writing, and oral communication abilities. Daily reading and writing are essential components of the course. Students read extensively across multiple genres—including short stories, dramas, novels, and poetry—from world literature. They study literary forms and terminology and explore how historical context influences literary works. Rigorous writing instruction focuses on developing clear thesis statements, logical arguments, and well supported evidence. Students refine sentence structure, enhance paragraph development, and compose comprehensive essays with an emphasis on argumentation, research, and descriptive writing. The writing process includes drafting, revising, and editing, and is integrated with guided reading of fiction, nonfiction, drama, and poetry. The course emphasizes critical thinking, literary analysis, and the development of each student's individual writing style. To fulfill part of the graduation requirements, students must pass the STAAR End-of-Course (EOC) exam for English I.

Advanced/GT English I

Local Code: 1015/1016
State Code: 03220100
Grade Placement: 9
Prerequisite: See Suggested Guidelines
Credit: 1.0
Advanced English I emphasizes critical reading and writing. Students are required to complete multiple compositions, including a documented literary criticism research project. The course focuses on vocabulary development, language concepts, and the enhancement of critical thinking skills. Reading assignments involve analysis and interpretation of various literary genres, including plays, novels, epics, poetry, and mythology. Summer reading is required. Advanced students should expect to dedicate additional time outside of class for preparation, independent reading, and assignment completion. To meet graduation requirements, students must pass the STAAR End-of-Course (EOC) exam for English I.

English I for Speakers of Other Languages

Local Code: 1061
State Code: 03200600
Grade Placement: 9 – 12
Prerequisite: LPCA Committee Placement
Credit: 1.0
Enrollment is limited to non-native English speakers. ESOL I incorporates the essential skills and knowledge of English I, with additional emphasis on language acquisition. Placement in ESOL I is based on the student's English proficiency level and is determined by the Language Proficiency Assessment Committee (LPAC).

English II

Local Code: 1020/1020C/1020I/1020X
State Code: 03220207
Grade Placement: 10
Prerequisite: None
Credit: 1.0
English II builds on students' prior knowledge and skills to strengthen their reading, writing, and oral communication. Students read and write daily, engaging with a wide range of genres—including stories, dramas, novels, and poetry—

from world literature. They learn literary forms and terminology and analyze how historical context may influence a literary work. The course places a strong emphasis on argumentative writing, including logical arguments, expressions of opinion, and personal writing such as responses to literature, reflective essays, and autobiographical narratives. Composition practice is integrated with guided reading of fiction, nonfiction, drama, and poetry. Students revise and edit their writing as part of the writing process. The curriculum focuses on developing critical thinking skills, literary analysis, and writing style. Students are required to pass the State of Texas Assessments of Academic Readiness (STAAR) End-of-Course (EOC) exam to fulfill part of their graduation requirements.

Advance/GT English II

Local Code: 1025/1026
State Code: 03220207
Grade Placement: 10
Prerequisite: See Suggested Guidelines
Credit: 1.0
Advanced English II builds on the skills introduced in Advanced English I, with a focus on mastering English usage, essay writing, literary and stylistic analysis, and critical thinking. Students deepen their appreciation of classic literature through the study of various forms of world literature and explore the philosophical and literary movements of different historical periods. Key areas of emphasis include writing, language development, research, and literary concepts. Summer reading is required. Advanced students should expect to spend additional time on class preparation, outside reading, and assignment completion. Students enrolled in Advanced English II are required to pass the State of Texas Assessments of Academic Readiness (STAAR) End-of-Course (EOC) exam to fulfill part of their graduation requirements.

English II for Speakers of Other Languages

Local Code: 1062
State Code: 03200700
Grade Placement: 10 – 12
Prerequisite: LPAC Committee Placement
Credit: 1.0
Enrollment is limited to non-native English speakers. ESOL II incorporates the essential skills and knowledge of English II, with additional emphasis on language acquisition. Placement in ESOL II is based on the student's English proficiency level and is determined by the Language Proficiency Assessment Committee (LPAC).

English III

Local Code: 1030/1030C/1030I/1030X
State Code: 03220300
Grade Placement: 11
Prerequisite: None
Credit: 1.0
English III builds on students' prior knowledge and skills to strengthen their reading, writing, and oral communication. Students read and write daily, engaging with a wide range of genres from American and world 33 literature. They learn literary forms and terminology and analyze how historical context may influence a literary work. Writing assignments include informational, personal, literary, and argumentative texts. Students also develop practical writing skills by composing résumés, college and career essays, and professional correspondence. Research is integrated into the writing process, with an emphasis on revising and editing drafts for clarity and correct use of English conventions and mechanics. Students will also participate in SAT style practice and assessments to enhance their reading, proofreading, writing, and language skills.

AP/GT English III: AP English Language & Composition

Local Code: 1035/1036
State Code: A3220100
Grade Placement: 11
Prerequisite: Advanced English II (recommended)
Credit: 1.0
English III AP focuses on English language and composition, with a specific emphasis on rhetoric and persuasion. The course enables students to read complex texts with deep understanding and to write prose that demonstrates richness and complexity, suitable for communication with mature readers. Students primarily study American literature and nonfiction, developing critical thinking and analytical skills through extensive reading, discussion, and writing—including a documented research paper. Summer reading is required. AP students should expect to spend additional time on class preparation, outside reading, and assignment completion compared to students in regular classes. AP courses offer a learning experience comparable to most introductory college-level courses. Students are expected to take the Advanced Placement Exam in the spring.

Tarleton Today English III: Composition I (Fall) / American Literature (Spring)

Local Code: 1033T/1034T
State Code: 03220300
Grade Placement: 11
Prerequisite: None
Credit: 1.0
Composition I (ENGL 1301) introduces students to a variety of different characteristics of writing for academic contexts. Students in English 1301 write about ideas, in particular responding analytically and critically to written sources. The course helps students become familiar with academic audiences, situations, purposes, genres, and some primary conventions (style, arrangement) of those genres. Moreover, students work to develop their own composing processes, particularly for ways of inventing ideas, planning, and revising their texts.
American Literature (ENGL 2326) introduces students to a variety of different characteristics of writing for academic contexts. Students in English 1301 write about ideas, in particular responding analytically and critically to written sources. The course helps students become familiar with academic audiences, situations, purposes, genres, and some primary conventions (style, arrangement) of those genres. Moreover, students work to develop their own composing processes, particularly for ways of inventing ideas, planning, and revising their texts.

English III Dual Credit: Composition I (Fall) / Composition II (Spring)

Local Code: 1033/1034
State Code: 03220300
Grade Placement: 1
Prerequisite: TCC Admission Standards
Credit: 1.0
English Composition I involves an intensive study and practice of writing processes, including invention, research, drafting, revision, and editing—both individually and collaboratively. English Composition II focuses on the strategies and techniques for developing research-based expository and persuasive texts. Emphasis is placed on effective and ethical rhetorical inquiry, incorporating both primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. Students must register and pay for both courses and required textbooks through Tarrant County College.

English IV

Local Code: 1040/1040C/1040I/10040X
State Code: 03220400
Grade Placement: 12
Prerequisite: None
Credit: 1.0
English IV builds on students' prior knowledge and skills to strengthen their reading, writing, and oral language abilities. Students will read and write daily, engaging in intensive instruction that emphasizes a deep study of British and world literature. Composition work includes a variety of writing forms: informational, argumentative, personal, literary, research-based, and business writing. Students read extensively across multiple genres, learn literary forms and terminology, and analyze how historical context may influence a literary work. Students use a style guide to revise and edit their writing for clarity and correct usage of English conventions and mechanics. Additionally, students will participate in TSI-style practice and assessments to improve their reading, proofreading, writing, and language skills.

English IV/College Prep English

Local Code: 1040CR/1082
State Code: 03220400/CP110114
Grade Placement: 12
Prerequisite: TEA College Readiness Benchmark for English Not Met
Credit: 2.0
College Preparatory English is designed to support students in meeting the Texas English Language Arts and Reading (ELAR) College, Career, and Military Readiness (CCMR) requirement. Students must successfully complete the College Preparatory English curriculum, including all required coursework and assessments. Upon successful completion, students will earn 1.0 high school credit for College Preparatory English. Students who maintain a passing average throughout the school year will also earn 1.0 high school credit for English IV. Successful completion of the course may satisfy Texas CCMR requirements in ELAR as outlined by state guidelines.

AP English IV: AP English Literature and Composition

Local Code: 1045
State Code: A3220200
Grade Placement: 12
Prerequisite: AP English III (recommended)
Credit: 1.0
English IV AP focuses on English and world literature, as well as advanced composition. The course enables students to read complex texts with deep understanding and to write prose that demonstrates richness and complexity, suitable for communication with mature readers. Students primarily study British and world literature, developing critical thinking and analytical skills through extensive reading, discussion, and writing. Summer reading is required. AP students should expect to dedicate more time to class preparation, outside reading, and assignment completion than is typically required in regular classes. AP courses offer a learning experience comparable to most introductory college-level courses. Students are expected to take the Advanced Placement Exam in the spring.

Tarleton Today English IV: Composition I (Fall) / American Literature (Spring)

Local Code: 1043T/1044T
State Code: 03220400
Grade Placement: 12
Prerequisite: None
Credit: 1.0
Composition I (ENGL 1301) introduces students to a variety of different characteristics of writing for academic contexts. Students in English 1301 write about ideas, in particular responding analytically and critically to written sources. The course helps students become familiar with academic audiences, situations, purposes, genres, and some primary conventions (style, arrangement) of those genres. Moreover, students work to develop their own composing processes, particularly for ways of inventing ideas, planning, and revising their texts.
American Literature (ENGL 2326) introduces students to a variety of different characteristics of writing for academic contexts. Students in English 1301 write about ideas, in particular responding analytically and 35 critically to written

sources. The course helps students become familiar with academic audiences, situations, purposes, genres, and some primary conventions (style, arrangement) of those genres. Moreover, students work to develop their own composing processes, particularly for ways of inventing ideas, planning, and revising their texts.

Tarleton Today English IV: Composition II (Fall) / Creative Writing (Spring)

Local Code: 1046T/1047T
State Code: 03220400
Grade Placement: 12
Prerequisite: Tarleton Today English III
Credit: 1.0
Composition II (ENGL 1302) introduces students to research in academic contexts. Students address questions such as What is it for? What are its limitations? What are some of its shapes? How does one go about it? The course introduces students to a variety of research methods, systems of documentation, contemporary library resources, and research genres. Among other writing tasks for the course, each student is expected to carry out his/her own research study for possible publication in The Tarleton Freshman Writer.
Introduction to Creative Writing (ENGL 2307) is a practical experience in the techniques of imaginative writing. It may include fiction, nonfiction, poetry, screenwriting, or drama.

English IV Dual Credit: Composition I (Fall) / Composition II (Spring)

Local Code: 1043/1044
State Code: 03220400
Grade Placement: 12
Prerequisite: TCC Admission Standards
Credit: 1.0
English Composition I involves an intensive study and practice of writing processes, including invention, research, drafting, revision, and editing—both individually and collaboratively. English Composition II focuses on the strategies and techniques for developing research-based expository and persuasive texts. Emphasis is placed on effective and ethical rhetorical inquiry, incorporating both primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. Students must register and pay for both courses and required textbooks through Tarrant County College.

English IV Dual Credit: American Literature (Fall) / British Literature (Spring)

Local code: 1046/1047
State Code: 03220400
Grade Placement: 12
Prerequisite: TCC Admission Standards
Credit: 1.0
This course offers a survey of American literature from the period of exploration and settlement through the Civil War. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts are selected from a diverse group of authors to reflect and reveal the evolving American experience and character. The course also includes a survey of British literature from the Romantic period to the present. Students will examine prose, poetry, drama, and fiction, considering each work within its historical and cultural framework. Texts are chosen from a wide range of authors and literary traditions. Students must register and pay for both the courses and required textbooks through Tarrant County College.

AP Capstone Seminar

Local Code: 1050/1050E3/1050E4
State Code: 03221800/03220300/03220400
Grade Placement: 10 – 12
Prerequisite: Advanced/AP English Course or Teacher Approval
Credit: 1.0
AP Seminar engages students in the investigation of real-world issues from multiple perspectives, encouraging them to gather and analyze information from a variety of sources to develop valid, evidence-based arguments. Through cross-curricular conversations, students explore the complexities of academic and real-world topics by examining divergent

viewpoints. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations—both individually and collaboratively. This course helps students build critical thinking, communication, and research skills essential for college and career readiness. Students may earn English III, English IV, or elective credit for this course. Extra time is required for class preparation, outside reading, and assignment completion. AP courses offer a learning experience comparable to most introductory college courses. Students are expected to take the AP Seminar Exam in the spring for possible college credit.

AP Capstone Research

Local Code: 1051/1051E4
State Code: 03221810/03220400
Grade Placement: 11 – 12
Prerequisite: AP Capstone Seminar
Credit: 1.0
AP Research is designed to help students cultivate the skills and discipline necessary to conduct independent research and produce a scholarly academic thesis. Students explore an academic topic, problem, or area of personal interest in depth. Through this exploration, they design, plan, and conduct a yearlong, mentored, research-based investigation to address a specific research question. Building on the skills developed in AP Seminar, students learn research methods, apply ethical research practices, and assess, analyze, and synthesize information to support their inquiry. The course culminates in a 5,000-word academic thesis paper and a presentation, performance, or exhibition, followed by an oral defense. Students may earn English IV or elective credit for this course. Extra time is required for class preparation, outside reading, and completion of assignments. AP courses offer a learning experience equivalent to most introductory college courses. Students are expected to take the AP Research Exam in the spring for possible college credit.

English Language Arts Electives:

Creative Writing

Local Code: 1070
State Code: 03221200
Grade Placement: 10 – 12
Prerequisite: English I
Credit: 0.5
Students will produce a variety of creative writing pieces across different modes and genres. Their work will be published in a school or class literary magazine, providing opportunities for self-expression, collaboration, and presentation.

Practical Writing Skills

Local Code: 1074
State Code: 03221300
Grade Placement: 9 – 12
Prerequisite: LPAC or ARD Committee Placement
Credit: 1.0
Students will produce a variety of writing pieces across multiple modes and genres, based on TEKS-aligned concepts and elements of the writing process. They will publish and present their work, demonstrating growth in composition, organization, and communication skills.

Reading 1 – 3

Local Code: 1071/1072/1073
State Code: 03270700/03270800/03270900
Grade Placement: 9 – 12
Prerequisite: LPAC or ARD Committee Placement
Credit: 1.0
Students will read texts across various modes and genres aligned with TEKS standards. The course focuses on improving reading comprehension and overall proficiency.

English Prep Lab 1 – 3: Independent Study in English 1 – 3

Local Code: 1063/1064/1065
State Code: 03221800/03221810/03221820
Grade Placement: 10 – 12
Prerequisite: Unsuccessful on English EOC STAAR Test
Credit: 1.0
This course is designed to help students develop the skills and understanding necessary to succeed on the English Language Arts STAAR End-of-Course (EOC) exam. Students who have tested and demonstrated areas in need of improvement in English Language Arts will be scheduled into this course. Passing the STAAR EOC exam is a requirement for high school graduation in Texas.

English Language Development and Acquisition I (ELDA I)

Local Code: 1066
State Code: 03200800
Grade Placement: 9 – 12
Prerequisite: LPAC Committee Placement
Credit: 1.0
This course is designed to provide instructional support for secondary-level recent immigrants with limited or no English proficiency. It must be taken alongside a co-requisite language arts course, with ESOL I and ESOL II being the recommended options. Students may take this course with a different co-requisite for a maximum of two credits. Placement in this course is determined by the Language Proficiency Assessment Committee (LPAC).

English Language Development and Acquisition II (ELDA II)

Local Code: 1067
State Code: 03200810
Grade Placement: 10 – 12
Prerequisite: ELDA I and LPAC Committee Placement
Credit: 1.0
This course is designed to provide instructional support for secondary-level recent immigrants with little or no English proficiency. It must be taken alongside a co-requisite language arts course, with ESOL I and ESOL II being the recommended options. Students may take this course with a different co-requisite for a maximum of two credits. Placement in this course is determined by the Language Proficiency Assessment Committee (LPAC).

Mathematics

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Algebra I	1.0	1	9	None
Advanced Algebra I	1.0	2	9	None
Geometry	1.0	1	9 – 10	Algebra I
Advanced Geometry / GT	1.0	2	9 – 10	Algebra I
Math Models with Applications	1.0	1	10 – 11	Algebra I
Algebraic Reasoning	1.0	1	10 – 11	Algebra I
Algebra II	1.0	1	10 -12	Algebra I
Advanced Algebra II / GT	1.0	2	10 – 12	Algebra I
Tarleton Today Algebra II	1.0	2	10 – 12	Algebra I
Algebra II Dual Credit	1.0	2	10 – 12	Algebra I; TCC Admission Standards
Independent Study in Mathematics Dual Credit*	1.0	2	11 – 12	Geometry, Algebra II; TCC Admission Standards
Advanced Quantitative Reasoning*	1.0	1	11 – 12	Geometry, Algebra II
Precalculus*	1.0	1	11 – 12	Geometry, Algebra II
AP Precalculus*	1.0	3	11 – 12	Geometry, Algebra II
Tarleton Today Precalculus*	1.0	2	11 – 12	Geometry, Algebra II
AP Calculus AB*	1.0	3	12	Precalculus
AP Calculus BC*	1.0	3	12	Precalculus
AP Statistics*	1.0	3	11 – 12	Algebra II
AP Computer Science A*	2.0	3	10 – 12	Algebra I and Advanced Computer Science or AP Computer Science Principles
Drone Engineering: Digital Electronics	1.0	1	11 – 12	Algebra I, Geometry, Principles of Applied Engineering
College Prep Math	1.0	1	12	Geometry, Algebra II

* Courses are considered foundation advanced courses which can fulfill the 3rd or 4th year math requirement.

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Suggested Guidelines:

Program	9th Grade	10th Grade	11th Grade	12th Grade
On-Level Courses	Algebra I	Geometry	Algebraic Reasoning or Algebra II	Algebra II Adv. Quantitative Reasoning or Precalculus
Advanced Courses	Adv. Algebra I Adv. Geometry	Adv. Geometry Adv. Algebra II or TT Algebra II	Adv. Algebra II or TT Algebra II AP Precalculus or TT Precalculus	Adv. Precalculus or TT Precalculus AP Calculus AB/BC or AP Statistics

These suggested guidelines are designed to aid the student in choosing the course in which he/she will be most successful based on prior courses taken

Mathematics Core Courses:

Algebra I

Local Code: 1210/1210C/1210I/1210X
State Code: 03100500
Grade Placement: 9
Prerequisite: None
Credit: 1.0
Algebra I builds on the mathematical knowledge and skills developed in Grades 6–8, strengthening students' understanding of proportional reasoning, equations, and functional relationships. Students explore linear, quadratic, and exponential functions through graphical, numerical, symbolic, and verbal representations, using these tools to model and solve mathematical and real-world problems. Throughout the course, students develop algebraic reasoning by analyzing patterns, solving equations and systems, investigating transformations, and interpreting data. Additional topics include polynomial and quadratic expressions, laws of exponents, radical expressions, sequences, and statistical relationships. Students use technology to support exploration, modeling, and data analysis while developing problem-solving, communication, and critical-thinking skills. Algebra I students are required to pass the State of Texas Assessments of Academic Readiness (STAAR) Algebra I End-of-Course (EOC) exam to fulfill part of the graduation requirements.

Advanced Algebra I

Local Code: 1215
State Code: 03100500
Grade Placement: 9
Prerequisite: See suggested guidelines
Credit: 1.0
Advanced Algebra I builds on the mathematical knowledge and skills developed in Grades 6–8 through a more rigorous and accelerated study of algebraic concepts. Students explore linear, quadratic, and exponential functions using graphical, numerical, symbolic, and verbal representations to model and solve mathematical and real-world problems. Additional topics include systems of equations, polynomial and quadratic expressions, laws of exponents, radical expressions, sequences, and data analysis. Compared to the on-level course, Advanced Algebra I provides deeper exploration of concepts, a faster instructional pace, and higher expectations for independent learning. Students should expect regular homework and dedicated study time outside of class, with an emphasis on analytical reasoning, mathematical fluency, and problem solving. Students are required to pass the State of Texas Assessments of Academic Readiness (STAAR) Algebra I End-of-Course (EOC) exam to fulfill part of the graduation requirements.

Geometry

Local Code: 1220/1220C/1220I/1220X
State Code: 03100700
Grade Placement: 9 – 10
Prerequisite: Algebra I
Credit: 1.0
Geometry builds on the mathematical knowledge and skills developed in Kindergarten through Grade 8 and Algebra I, strengthening students' ability to reason, justify, and solve problems in geometric contexts. Students explore geometric relationships through multiple representations, including diagrams, models, coordinates, and transformations, while developing logical arguments and formal proofs. Major topics include congruence, similarity, trigonometry, geometric measurement, circles, two- and three-dimensional figures, probability, and coordinate geometry. Students apply algebraic and geometric reasoning to model and solve real-world problems, use constructions to investigate geometric properties, and communicate mathematical thinking using precise language and evidence-based justifications. The course emphasizes conceptual understanding, problem solving, and the connections among geometric concepts, algebra, and real-world applications.

Advanced/GT Geometry

Local Code: 1225/1226
State Code: 03100700
Grade Placement: 9 – 10
Prerequisite: Algebra I, See suggested guidelines
Credit: 1.0
Advanced Geometry builds on the mathematical knowledge and skills developed in Kindergarten through Grade 8 and Algebra I through a more rigorous and accelerated study of geometric concepts and relationships. Students explore geometry through multiple representations, logical reasoning, formal proofs, constructions, coordinate geometry, congruence, similarity, trigonometry, geometric measurement, circles, three-dimensional figures, and probability. The course emphasizes deeper conceptual understanding, mathematical justification, and the application of geometric principles to complex problems and real-world situations. Compared to the on-level course, Advanced Geometry provides greater depth of study, a faster instructional pace, and higher expectations for independent learning. Students should expect regular homework and dedicated study time outside of class, with an emphasis on analytical reasoning, precise mathematical communication, and reduced reliance on calculators as they develop fluency with geometric and algebraic processes.

Mathematical Models with Applications

Local Code: 1240
State Code: 03102400
Grade Placement: 10 – 11
Prerequisite: Algebra I
Credit: 1.0
Mathematical Models with Applications is designed to build on the mathematical knowledge and skills developed from Kindergarten through Grade 8 and Algebra I. This course provides a pathway for students to succeed in Algebra II and prepares them for a variety of post-secondary options. Students apply mathematics through real-world experiences in personal finance, science, engineering, fine arts, and the social sciences. They use algebraic, graphical, and geometric reasoning to recognize patterns and structures, model information, solve problems, and communicate solutions effectively. To solve problems, students select from a variety of tools including physical objects, manipulatives, technology (such as graphing calculators, data collection devices, and computers), and paper-and-pencil methods and apply techniques such as algebraic reasoning, geometric analysis, pattern recognition, and mental math.

Algebraic Reasoning

Local Code: 1216/1216C/1216I/1216X
State Code: 03102540
Grade Placement: 10 – 11
Prerequisite: Algebra I
Credit: 1.0
Algebraic Reasoning extends students' understanding of algebra through the study of functions, patterns, equations, matrices, and data modeling. Students use graphical, numerical, symbolic, and verbal representations to analyze relationships, solve problems, and apply mathematics to real-world situations. The course emphasizes inquiry-based learning, mathematical reasoning, and the strategic use of technology to deepen conceptual understanding and strengthen problem-solving skills. Algebraic Reasoning is recommended for students who would benefit from additional support and practice with algebraic concepts before enrolling in Algebra II, helping build the confidence and mathematical foundation needed for success in future mathematics courses.

Algebra II

Local Code: 1230/1230C/1230I/1230X
State Code: 03100600
Grade Placement: 10 – 12
Prerequisite: Algebra I
Credit: 1.0
Algebra II builds on the mathematical knowledge and skills developed in Kindergarten through Grade 8 and Algebra I, deepening students' understanding of functions, algebraic reasoning, and mathematical modeling. Students analyze and compare quadratic, exponential, logarithmic, square root, cubic, cube root, absolute value, and rational functions

through graphical, numerical, symbolic, and verbal representations, using these relationships to solve mathematical and real-world problems. The course explores transformations, inverses, systems of equations, patterns of change, and data analysis while emphasizing problem solving, mathematical communication, and critical thinking. Students use technology strategically to investigate concepts, analyze data, and justify conclusions as they develop the quantitative reasoning skills needed for advanced mathematics, college, and career readiness.

Advanced/GT Algebra II

Local Code: 1235/1237
State Code: 03100600
Grade Placement: 10 – 12
Prerequisite: Algebra I, See suggested guidelines
Credit: 1.0
Advanced Algebra II builds on the mathematical knowledge and skills developed in Kindergarten through Grade 8 and Algebra I through a rigorous and accelerated study of functions, algebraic reasoning, and mathematical modeling. Students analyze and compare quadratic, exponential, logarithmic, square root, cubic, cube root, absolute value, and rational functions through graphical, numerical, symbolic, and verbal representations, using these relationships to solve complex mathematical and real-world problems. The course emphasizes deeper conceptual understanding, advanced problem solving, mathematical communication, and connections among algebraic concepts, transformations, inverses, systems of equations, and data analysis. Compared to the on-level course, Advanced Algebra II provides greater depth of study, a faster instructional pace, and higher expectations for independent learning. Students should expect regular homework and dedicated study time outside of class to support mastery of course content. Technology is used strategically when appropriate; however, emphasis is placed on developing mathematical fluency, analytical reasoning, and strong foundational skills through limited reliance on calculators, preparing students for success in Precalculus and other advanced mathematics courses.

Tarleton Today Algebra II

Local Code: 1235T
State Code: 03100600
Grade Placement: 10 – 12
Prerequisite: Algebra I
Credit: 1.0
Tarleton Today Algebra is a rigorous dual credit course that integrates Advanced Algebra II with Tarleton State University's MATH 1314 College Algebra, providing students the opportunity to earn both high school and college credit. Students develop advanced skills in polynomial, rational, radical, exponential, logarithmic, and quadratic functions; systems of equations; mathematical modeling; and data analysis while applying concepts to real-world situations. Emphasizing inquiry, problem-solving, and conceptual understanding, the course requires strong independent learning habits, additional time for preparation and assignments, and limited calculator use to strengthen algebraic fluency and readiness for higher-level mathematics such as Precalculus and Calculus.

Algebra II Dual Credit: College Algebra

Local Code: 1236
State Code: 03100600
Grade Placement: 10 – 12
Prerequisite: Algebra I and TCC Admission Standards
Credit: 1.0
This course offers an in-depth study and application of polynomial, rational, radical, exponential, and logarithmic functions, as well as systems of equations using matrices. Additional topics may include sequences, series, probability, and conic sections. A computer software materials fee may be charged for some sections. This course fulfills the Algebra II requirement for the Distinguished Level of Achievement. However, it cannot be taken for high school credit after completing Algebra II or Advanced Algebra II. The course is offered through a local college, and all associated fees are determined by that institution.

Advanced Quantitative Reasoning

Local Code: 1244/1244C/1244I/1244X
State Code: 03102510
Grade Placement: 11 – 12
Prerequisite: Geometry, Algebra II
Credit: 1.0
Advanced Quantitative Reasoning is a mathematics course designed for students who have successfully completed Algebra II and want to strengthen their quantitative reasoning skills through meaningful, real-world applications. The course emphasizes statistics, mathematical modeling, personal finance, data analysis, and decision-making strategies as students investigate authentic problems drawn from everyday life, business, economics, and society. Students use a variety of mathematical tools and representations to analyze information, evaluate solutions, and communicate conclusions. Through inquiry-based learning and collaborative problem solving, students develop the critical thinking and quantitative literacy skills needed for college, careers, and informed decision making in a data-driven world. This course is particularly beneficial for students pursuing postsecondary pathways that require strong analytical reasoning and applied mathematics skills.

Precalculus

Local Code: 1250
State Code: 03101100
Grade Placement: 11 – 12
Prerequisite: Geometry, Algebra II
Credit: 1.0
Precalculus builds on the mathematical knowledge and skills developed in Algebra I, Geometry, and Algebra II, preparing students for Calculus and other advanced mathematics courses. Students study polynomial, rational, exponential, logarithmic, trigonometric, and other advanced functions through graphical, numerical, symbolic, and verbal representations to model and solve mathematical and real-world problems. The course explores topics including trigonometric identities and equations, vectors, conic sections, parametric equations, polar representations, sequences and series, and limits while emphasizing mathematical reasoning, problem solving, and communication. Students use technology strategically to investigate concepts, analyze data, and develop the quantitative reasoning skills needed for success in college, careers, and STEM-related fields.

Tarleton Today Precalculus

Local Code: 1255T
State Cod: 03101100
Grade Placement: 11 – 12
Prerequisite: Geometry, Algebra II
Credit: 1.0
Tarleton Today Precalculus is a rigorous dual credit course that integrates high school Precalculus with Tarleton State University's MATH 2412 Precalculus, providing students the opportunity to earn both high school and college credit. The course extends students' understanding of algebraic and trigonometric concepts through the study of functions, preparing them for Calculus and other advanced mathematics courses. Students investigate multiple representations of functions, develop mathematical reasoning and modeling skills, and solve both mathematical and real-world problems. Emphasis is placed on conceptual understanding, problem-solving, analytical thinking, and the strategic use of technology to explore relationships, connect representations, and support deeper learning. As a dual credit course, students are expected to demonstrate college-level responsibility, independent learning, and a commitment to rigorous academic work.

AP Precalculus

Local Code: 1251
State Code: A3100100
Grade Placement: 11 – 12
Prerequisite: Geometry, Algebra II
Credit: 1.0
AP Precalculus centers on the study of functions and their use in modeling dynamic phenomena. Students explore polynomial, rational, exponential, logarithmic, trigonometric, and composite functions through graphical, numerical, symbolic, verbal, and contextual representations, developing a deep understanding of how functions describe and predict real-world behavior. The course emphasizes mathematical modeling, rates of change, function transformations, and quantitative reasoning while preparing students for future study in mathematics, science, engineering, economics, health sciences, and data science. As a rigorous advanced course, students should expect regular independent study, challenging problem solving, and meaningful mathematical communication. Students enrolling in AP Precalculus are expected to register for and take the College Board AP Precalculus Exam in the spring. The course is designed to provide both preparation for future mathematics coursework and a valuable capstone mathematics experience for students completing their secondary mathematics pathway.

AP Statistics

Local Code: 1285
State Code: A3100200
Grade Placement: 11 – 12
Prerequisite: Algebra II
Credit: 1.0
AP Statistics introduces students to the major concepts and tools used to collect, analyze, and draw conclusions from data. Students learn to design studies, explore and interpret data, investigate probability, and use statistical inference to make evidence-based decisions in real-world contexts. Through data analysis, collaborative investigations, and technology-supported exploration, students develop statistical reasoning, problem-solving skills, and the ability to communicate conclusions effectively. As an Advanced Placement course, students should expect a rigorous academic experience that includes regular independent study, class preparation, and assignments outside of school. Students enrolling in AP Statistics are expected to register for and take the AP Statistics Exam in the spring, which may provide opportunities for college credit, placement, or advanced standing at participating institutions.

Independent Study in Mathematics Dual Credit: Corequisite Mathematics Business/Social Sciences

Local Code: 1246
State Code: 03102500
Grade Placement: 11 – 12
Prerequisite: Geometry, Algebra II and TCC Admission Standards
Credit: 1.0
This course focuses on the application of common algebraic functions—including polynomial, exponential, logarithmic, and rational functions—to problems in business, economics, and the social sciences. Topics include the mathematics of finance (such as simple and compound interest and annuities), systems of linear equations, matrices, linear programming, and probability, including expected value. The course fulfills 3 hours of college mathematics credit but does not satisfy the Algebra II requirement for the Distinguished Level of Achievement. It is offered through a local college, and all associated fees are determined by that institution. Before enrolling, students should verify whether the course will be accepted by the post-secondary institution they plan to attend.

AP Calculus AB

Local Code: 1265
State Code: A3100101
Grade Placement: 12
Prerequisite: Precalculus
Credit: 1.0
This course focuses on developing students' understanding of calculus concepts while providing experience with methods and real-world applications. It emphasizes a multi-representational approach, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. The topics covered are roughly equivalent to

those in a first-semester college calculus course and include limits, derivatives, integrals, and the Fundamental Theorem of Calculus. Students should expect to spend additional time preparing for class and completing assignments. Advanced Placement (AP) courses offer a learning experience comparable to that of most introductory college courses. Students enrolled in this course are expected to take the AP Calculus Exam in the spring, which may qualify them for college credit.

AP Calculus BC

Local Code: 1275
State Code: A3100102
Grade Placement: 12
Prerequisite: Precalculus
Credit: 1.0
This course emphasizes conceptual understanding while providing students with experience in mathematical methods and applications. A multi-representational approach is used, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. The content is roughly equivalent to both first and second semester college calculus courses. It includes all topics covered in AP Calculus AB, along with the additional topic of sequences and series. Students should expect to spend extra time preparing for class and completing assignments. Advanced Placement (AP) courses offer a learning experience comparable to that of most introductory college courses. Students enrolled in this course are expected to take the AP Calculus Exam in the spring, which may qualify them for college credit.

AP Computer Science A

Local Code: 5075A
State Code: A3580110/A3580120
Grade Placement: 10 – 12
Prerequisite: Algebra I, Advanced Computer Science or AP Computer Science Principles
Credit: 2.0
Advanced Placement Computer Science is a college-level course designed to prepare students for the AP Computer Science Examination. It is recommended for college-bound students interested in majoring in computer science or other analytical fields. The course covers advanced programming techniques, file management, data structures, and an introduction to object-oriented programming. Java is the primary language used for programming assignments. The district expects students enrolled in this course to take the corresponding AP exam. Effective August 27, 2018 (43 TexReg 5529), this course may be credited as 1 mathematics credit and 1 LOTE (Languages Other Than English) credit. EMS ISD students receive 1 Math AP credit and 1 LOTE Pass/Fail credit.

Drone Engineering: Digital Electronics / Engineering Design and Presentation

Local Code: 5548/5552
State Code: 13037600/13036500
Grade Placement: 11 – 12
Prerequisite: Algebra I, Geometry, Principles of Applied Engineering
Credit: 2.0
Site: HCTC
This advanced course equips students with engineering skills to apply robotic design for both commercial and personal use. Through the design process, students integrate advanced academic knowledge with hands-on experience using software and hardware to build prototypes and test their designs. Students may also earn a Federal Aviation Administration (FAA) license as a commercial Small Unmanned Aerial System (sUAS) pilot. Additionally, students receive one math credit by completing the Digital Electronics course.

College Prep Math: Independent Study in Mathematics

Local Code: 1286
State Code: 03102500
Grade Placement: 12
Prerequisite: Geometry, Algebra II
Credit: 1.0
This course helps students develop the skills, strategies, and reasoning necessary for success in mathematics, with an emphasis on effective communication and appropriate use of technology. Enrollment is reserved for students who require additional support to achieve college math readiness, as indicated by unsatisfactory performance on the TSI, SAT, or ACT. Topics covered include numeracy and the real number system; algebraic concepts, notation, and reasoning; quantitative relationships; mathematical models; problem solving; relations and functions; inequalities; algebraic expressions; and equations. While the focus is on linear and quadratic equations, the course also includes absolute value, polynomial, radical, and rational equations.

Science

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Biology	1.0	1	9	None
Advanced Biology / GT	1.0	2	9	None
Integrated Physics & Chemistry	1.0	1	9 – 10	None
Chemistry*	1.0	1	10 – 12	Biology, Algebra I
Advanced Chemistry / GT*	1.0	2	10 – 12	Biology, Algebra I
Tarleton Today Chemistry*	1.0	2	10 – 12	Biology, Algebra I
Physics*	1.0	1	10 -12	Algebra I
AP Physics I*	1.0	3	10 – 12	Algebra I
Astronomy*	1.0	1	11 – 12	IPC or Chemistry, Algebra I
Aquatic Science*	1.0	1	11 – 12	Biology, IPC or Chemistry
Environmental Systems*	1.0	1	11 – 12	Biology, IPC or Chemistry
AP Biology*	1.0	3	10 – 12	Biology
AP Chemistry*	1.0	3	11 – 12	Biology, Chemistry, Algebra II
AP Environmental Science*	1.0	3	11 – 12	Biology, 2nd Science, Algebra I
AP Physics II*	1.0	3	11 – 12	AP Physics I
Introduction to Robotics*	1.0	1	10 – 12	Biology, Algebra I, Principles of Applied Engineering
Aerospace Engineering*	2.0	1	11 – 12	Biology, Chemistry or Physics, Algebra II, Principles of Applied Engineering
Anatomy & Physiology*	1.0	1	11 – 12	Biology, Chemistry or Physics
Tarleton Today Anatomy & Physiology*	1.0	1	11 – 12	Biology, Chemistry or Physics
Accelerated Anatomy & Physiology*	1.0	1	11 – 12	Biology, Chemistry or Physics
Pathophysiology*	1.0	1	11 – 12	Biology, Chemistry
Forensic Science Accelerated*	1.0	1	11 – 12	Biology, Chemistry or Physics
Veterinary Science: Advanced Animal Science*	1.0	1	11 – 12	Veterinary Science: Veterinary Science
Biomedical Research*	2.0	1	11 – 12	Biology, Chemistry, Principles of Health Science
Advanced Plant & Soil Science Dual Credit*	1.0	2	12	Biology, Chemistry or IPC, Algebra I, Geometry, Greenhouse Operation and Production, TCC Admission Standards

*Courses are considered foundation advanced courses which can fulfill the 3rd and 4th year science requirement.

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Suggested Guidelines:

Program	9th Grade	10th Grade	11th Grade	12th Grade
On-Level Courses	Biology	IPC or Chemistry	Chemistry, Physics, Astronomy, Aquatic, Environmental Systems,	Physics, Astronomy, Aquatic, Environmental Systems,
Advanced Courses	Advanced Biology	AP Biology, Adv. Chemistry, TT Chemistry, or AP Physics I	Any GPA Level 2 or 3 Science Course	Any GPA Level 2 or 3 Science Course

These suggested guidelines are designed to aid the student in choosing the course in which he/she will be most successful based on prior courses taken

Science Core Courses:

Biology

Local Code: 1310/1310C/1310I/1310X
State Code: 03010200
Grade Placement: 9
Prerequisite: None
Credit: 1.0
Students in Biology explore the patterns, processes, and relationships of living organisms through four core concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems. Throughout the course, students ask questions, plan and conduct investigations, and explain phenomena using appropriate tools and models. They also identify problems and design solutions using engineering design practices. Recurring themes and concepts are examined to help students make meaningful connections across overarching ideas. Investigations emphasize accurate observation, data collection and analysis, and the safe handling of laboratory equipment and materials—both in the field and in the laboratory.

Advanced/GT Biology

Local Code: 1315/1316
State Code: 03010200
Grade Placement: 9
Prerequisite: None
Credit: 1.0
Biology students explore patterns, processes, and relationships among living organisms through four core concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems. Students ask questions, plan and conduct investigations, and explain phenomena using appropriate tools and models. They also identify problems and design solutions using engineering design practices. Recurring themes and concepts are explored to help students make connections across broader scientific ideas. Investigations emphasize accurate observations, data collection and analysis, and the safe handling of laboratory equipment and materials in both field and lab settings. This course places a strong emphasis on laboratory experiences, processing complex data, and writing technical conclusions based on evidence.

Integrated Physics and Chemistry (IPC)

Local Code: 1390/1390C/1390I/1390X
State Code: 03060201
Grade Placement: 9 – 10
Prerequisite: None
Credit: 1.0
Integrated Physics and Chemistry (IPC) is recommended for students who benefit from additional preparation before taking more advanced physics and chemistry courses. In IPC, students study a variety of topics including force, motion, energy, and matter as they relate to both physics and chemistry. Students will ask questions, plan and conduct investigations, and explain phenomena using appropriate tools and models. They will apply conceptual knowledge and

collaborative skills to experimental design, implementation, and interpretation, building a strong foundation in scientific inquiry and problem-solving.

Chemistry

Local Code: 1320/1320C/1320I/1320X
State Code: 03040000
Grade Placement: 10 – 12
Prerequisite: Biology, Algebra I
Credit: 1.0
Chemistry students explore a wide range of topics, including the characteristics of matter, the use of the Periodic Table, the development of atomic theory, chemical bonding, stoichiometry, gas laws, solution chemistry, acid-base chemistry, thermochemistry, and nuclear chemistry. This laboratory-oriented course emphasizes the collection and analysis of both qualitative (observational) and quantitative (numerical) data. A conceptual approach is integrated with the mathematical skills needed to solve fundamental chemistry problems. Students also investigate how chemistry plays an essential role in everyday life, developing a deeper understanding of its real-world applications.

Advanced/GT Chemistry

Local Code: 1325/1326
State Code: 03040000
Grade Placement: 10 – 12
Prerequisite: Biology, Algebra I
Credit: 1.0
Chemistry students explore a wide range of topics, including the characteristics of matter, the use of the Periodic Table, the development of atomic theory, chemical bonding, stoichiometry, gas laws, solution chemistry, acid-base chemistry, thermochemistry, and nuclear chemistry. This laboratory-oriented course emphasizes the collection and analysis of both qualitative (observational) and quantitative (numerical) data. A conceptual approach is integrated with the mathematical skills necessary to solve fundamental chemistry problems. The course places strong emphasis on independent laboratory skills and the development of critical thinking abilities.

Tarleton Today Chemistry

Local Code: 1325T
State Code: 03040000
Grade Placement: 10 – 12
Prerequisite: Biology, Algebra I
Credit: 1.0
Fundamental principles of chemistry for majors in the sciences, health sciences, and engineering; topics include measurements, fundamental properties of matter, states of matter, chemical reactions, chemical stoichiometry, periodicity of elemental properties, atomic structure, chemical bonding, molecular structure, solutions, properties of gases, and an introduction to thermodynamics and descriptive chemistry.

Physics

Local Code: 1330/1330C/1330I/1330X
State Code: 03050000
Grade Placement: 10 – 12
Prerequisite: Algebra I
Credit: 1.0
Physics students explore a range of topics including the laws of motion, changes within physical systems, conservation of energy and momentum, forces, wave characteristics and behavior, and electricity and magnetism. Throughout the course, students ask questions, plan and conduct investigations, and explain physical phenomena using appropriate tools and models. They apply conceptual knowledge and collaborative skills to experimental design, implementation, and interpretation, developing critical-thinking and problem-solving abilities through hands-on learning and scientific inquiry.

AP Physics I

Local Code: 1363
State Code: A3050003
Grade Placement: 10 – 12
Prerequisite: Algebra I
Credit: 1.0
AP Physics 1 is equivalent to a first-semester, algebra-based college physics course and is designed to prepare students for the AP Physics 1 exam. The course covers Newtonian mechanics—including rotational dynamics and angular momentum—as well as work, energy, power, mechanical waves, and sound. It also introduces students to basic electric circuits. All content aligns with College Board standards. Students engage in in-depth descriptive and experimental laboratory activities throughout the course to reinforce conceptual understanding and scientific practices. As with all AP courses, students are expected to dedicate extra time to class preparation, outside reading, and assignment completion. AP Physics 1 provides a learning experience comparable to that of most introductory college physics courses. Students enrolled in this course are expected to take the Advanced Placement Exam in the spring.

Astronomy

Local Code: 1327/1327C/1327I/1327X
State Code: 03060100
Grade Placement: 11 – 12
Prerequisite: IPC or Chemistry, Algebra I
Credit: 1.0
Astronomy students explore patterns, processes, and relationships among astronomical objects in the universe. The course provides foundational knowledge of sun–Earth–Moon relationships, the solar system, the Milky Way galaxy, and the size and scale of the universe, while also examining the benefits and limitations of space exploration. Students conduct laboratory and field investigations to support their understanding of our place in space and time. They engage in scientific and engineering practices across disciplines, using critical thinking and problem-solving skills to make informed decisions based on evidence and observation.

Aquatic Science

Local Code: 1385/1385C/1385I/1385X
State Code: 03030000
Grade Placement: 11 – 12
Prerequisite: Biology, IPC or Chemistry
Credit: 1.0
Aquatic Science explores the interactions between biotic and abiotic components in aquatic environments, with a focus on both natural and human impacts on these systems. Students investigate freshwater and saltwater ecosystems and gain an understanding of how the properties of water and fluid dynamics influence aquatic life. Throughout the course, students will ask questions, plan and conduct investigations and observations of aquatic environments, collaborate with peers, and develop critical-thinking and problem-solving skills through hands-on learning experiences.

Environmental Systems

Local Code: 1395/1395C/1395I/1395X
State Code: 03020000
Grade Placement: 11 – 12
Prerequisite: Biology, IPC or Chemistry
Credit: 1.0
Environmental Systems introduces students to a variety of topics related to the interactions between living and non-living components of the natural world. Students study biotic and abiotic factors in habitats, ecosystems, and biomes; the interrelationships among resources and environmental systems; the sources and flow of energy within these systems; and the relationship between carrying capacity and changes in populations and ecosystems. The course also explores natural environmental changes and the impact of human activities on the environment. Students will ask questions, plan and conduct investigations, particularly in aquatic environments, collaborate with peers, and develop critical-thinking and problem-solving skills through hands-on learning and observation.

AP Biology

Local Code: 1345
State Code: A3010200
Grade Placement: 10 – 12
Prerequisite: Biology
Credit: 1.0
AP Biology shifts away from a traditional content-heavy approach and instead emphasizes enduring conceptual understandings supported by essential content. This instructional model allows students to spend less time on memorization and more time engaging in inquiry-based learning, helping them develop the reasoning skills necessary to participate in scientific practices throughout the course. Students build advanced inquiry and analytical skills, such as designing data collection plans, analyzing data, applying mathematical routines, and connecting concepts across different domains. The course is equivalent to a two-semester college-level introductory biology course and aligns with College Board standards. While this course may be taken by 9th-grade students, prior approval is required. Students should expect to dedicate extra time to class preparation, outside reading, and assignment completion. AP Biology offers a learning experience comparable to that of most introductory college biology courses, and students are expected to take the Advanced Placement Exam in the spring.

AP Chemistry

Local Code: 1355
State Code: A3040000
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry, Algebra II
Credit: 1.0
AP Chemistry emphasizes a model of instruction that promotes deep, conceptual understanding supported by essential content. This approach allows students to focus less on memorization and more on inquiry-based learning, helping them develop the reasoning skills necessary to engage in scientific practices throughout their study of chemistry. Students build advanced inquiry and analytical skills, including designing data collection plans, analyzing data, applying mathematical routines, and connecting concepts across different domains. The course content is organized around core scientific principles, theories, and processes that govern chemical systems, aligning with the College Board's standards for AP Chemistry. This course is equivalent to a two semester college-level chemistry course. Students should expect to spend additional time on class preparation, outside reading, and completing assignments. AP Chemistry offers a learning experience comparable to that of most introductory college chemistry courses, and students are expected to take the Advanced Placement Exam in the spring.

AP Environmental Science

Local Code: 1305
Grade Placement: 11 – 12
Prerequisite: Biology, 2nd Science, Algebra I
Credit: 1.0
AP Environmental Science is an interdisciplinary course that integrates biology, chemistry, earth science, and social sciences to analyze and address contemporary environmental issues. Students explore scientific principles, concepts, and methodologies needed to understand the interrelationships within the natural world. They learn to identify and analyze both natural and human-made environmental problems, evaluate the risks associated with these issues, and examine potential solutions for resolving or preventing them. The course is designed to prepare students for the Advanced Placement Exam, which they are expected to take in the spring. As with all AP courses, students should anticipate spending additional time on class preparation, outside reading, and completing assignments. AP Environmental Science offers a learning experience equivalent to that of most introductory college-level science courses.

AP Physics 2

Local Code: 1364
State Code: A3050004
Prerequisite: AP Physics 1
Credit: 1.0
AP Physics 2 is equivalent to a second-semester, algebra-based college physics course and is designed to prepare students for the AP Physics 2 exam. The course covers key topics including fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. All content aligns with College Board standards. Students engage in a variety of in-depth laboratory activities throughout the course to reinforce conceptual understanding and scientific practices. As with all AP courses, students are expected to dedicate extra time to class preparation, outside reading, and assignment completion. AP Physics 2 provides a learning experience comparable to that of most second-semester college physics courses. Students enrolled in this course are expected to take the Advanced Placement Exam in the spring.

Introduction to Robotics: Engineering Science

Local Code: 5549
State Code: 13037500
Grade Placement: 10 – 12
Prerequisite: Biology, Algebra I, Principles of Applied Engineering
Credit: 1.0
This course introduces students to key concepts and technologies they may encounter as they explore careers in engineering, robotics, and high-tech industries. Students will apply science, technology, engineering, and mathematics (STEM) principles to solve real-world challenges. The course incorporates VEX EDR robotics systems and utilizes multiple coding styles and programming languages. Additionally, this course satisfies a science credit requirement for students.

Aerospace Engineering: Scientific Research & Design and Engineering Design & Problem Solving

Local Code: 5921/5922
State Code: 13037200/13037300
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry or Physics, Algebra II, Principles of Applied Engineering
Credit: 2.0
Students learn the engineering principles essential to meet current aerospace demands. They may design, build, and operate unmanned aerial vehicles, including hypersonic boost gliders and high-performance rockets capable of reaching altitudes up to 5 miles at speeds of 970 mph. Successful completion of Aerospace Engineering meets 2.0 credits towards the state science credit requirement.

Anatomy and Physiology

Local Code: 1371/1371C/1371I/1371X
State Code: 13020600
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry or Physics
Credit: 1.0
Anatomy and Physiology is a comprehensive study of the structures and functions of the human body. The course includes dissections and an in-depth examination of the organization of organs and organ systems. Students will apply critical thinking and scientific problem-solving skills as they conduct laboratory investigations. This course fulfills one science credit required for graduation.

Accelerated Anatomy and Physiology

Local Code: 1372
State Code: 13020600
Prerequisite: Biology, Chemistry or Physics
Credit: 1.0
Site: HCTC
Anatomy and Physiology is a comprehensive study of the structures and functions of the human body. The course includes dissections and an in-depth exploration of the organization of organs and organ systems. Students will apply critical thinking and scientific problem-solving skills as they conduct laboratory investigations. This course fulfills one science credit required for graduation. This course meets for two periods per day, allowing students to complete the year-long curriculum in one semester.

Tarleton Today Anatomy and Physiology

Local Code: 1371T
State Code: 13020600
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry or Physics
Credit: 1.0
Tarleton Today Anatomy and Physiology is a rigorous dual credit course that integrates high school Anatomy and Physiology with Tarleton State University's BIOL 2401 Anatomy and Physiology and associated laboratory experiences. Students study the structure and function of the human body with an emphasis on the skeletal, muscular, and nervous systems while exploring the physiological processes that maintain human health. Through laboratory investigations, dissections, microscopic observations, data analysis, and scientific inquiry, students develop critical thinking and problem-solving skills while applying biological concepts to real-world situations. As a dual credit course, students are expected to demonstrate college-level responsibility, independent learning, and strong study habits while earning high school science credit and the opportunity for college credit.

Pathophysiology

Local Code: 5851
State Code: 13020800
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry
Credit: 1.0
In this course, students will engage in laboratory investigations and fieldwork, apply scientific methods, and make informed decisions using critical thinking and problem-solving skills. The curriculum focuses on understanding disease processes and their effects on the human body, with an emphasis on disease prevention and treatment. Students will also learn to distinguish between normal and abnormal physiological functions. This course fulfills one science credit required for graduation. This course does not meet NCAA requirements for science credit.

Accelerated Forensic Science

Local Code: 5911
State Code: 13029500
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry or Physics
Credit: 1.0
Site: HCTC
Forensic Science is a course that applies a structured, scientific approach to investigating crimes such as assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scenes, questioning and interviewing techniques,

characteristics of criminal behavior, truth detection, and scientific methods used to solve crimes. This course meets for two periods per day, allowing students to complete the year-long curriculum in one semester. Forensic Science may be used to fulfill the fourth science credit requirement.

Veterinary Science: Advanced Animal Science

Local Code: 5242/5242T
State Code: 13000700
Grade Placement: 11 – 12
Prerequisite: Veterinary Science: Veterinary Science
Credit: 1.0
Site: HCTC
This course covers topics related to veterinary practices for both large and small animal species. Students will gain knowledge and skills in career opportunities, entry requirements, and industry expectations. They will also explore the connections between human, scientific, and technological aspects of livestock production. Through field and laboratory experiences, students will apply scientific and technological principles of animal science. During the spring semester, students may choose to earn dual enrollment college credit through Tarleton Today.

Biomedical Research: Medical Microbiology and Biotechnology

Local Code: 5841/5842
State Code: 13020700/13036400
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry, Principles of Health Science
Credit: 2.0
Site: HCTC
In this course, students will apply advanced academic knowledge and skills to emerging fields within biomedical research, including agricultural, medical, regulatory, and forensic sciences. They will conduct laboratory investigations, apply scientific methods, and make informed decisions using critical thinking and scientific problem-solving. Topics of study include cell functions, nucleic acids, proteins, genetics, and the microbial world. Students will also explore both pathogenic and non-pathogenic microorganisms, drug-resistant microbes, and emerging diseases. Students will earn one credit in Medical Microbiology and one credit in Biotechnology I. This course may fulfill two science credits but does not meet NCAA requirements for a science credit.

Advanced Plant and Soil Science Dual Credit

Local Code: 5262
State Code: 13002100
Grade Placement: 12
Prerequisite: Biology, IPC or Chemistry, Algebra I, Geometry, Greenhouse Operations and Procedures, TCC Admissions Standards
Credit: 1.0
Site: TCC Northwest Campus
This course is designed to help students develop an understanding of common horticulture management practices related to food and ornamental plant production, while preparing them for careers in plant and soil sciences. Students will gain both academic and technical knowledge applicable to workplace settings in this field. Upon successful completion of the following TCC dual credit courses—Greenhouse Operations, Agricultural Lab and Field Experience, Horticulture, and Advanced Plant and Soil—students will be qualified through TCC to sit for the Texas Department of Agriculture Pesticide Applicator License exam.

Social Studies

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
World Geography	1.0	1	9	None
Advanced World Geography	1.0	2	9	None
AP/GT Human Geography	1.0	3	9	None
World History	1.0	1	10	None
AP/GT World History	1.0	3	10	None
United States History	1.0	1	11	None
Tarleton Today United States History	1.0	2	11	None
United States History Dual Credit	1.0	2	11	TCC Admission Standards
AP/GT United States History	1.0	3	11	None
United State Government	0.5	1	12	None
Tarleton Today United States Government	0.5	2	12	None
United States Government Dual Credit	0.5	2	12	TCC Admission Standards
AP United States Government and Politics	0.5	3	12	None
Economics	0.5	1	12	None
Personal Financial Literacy and Economics	0.5	1	12	None
Principles of Economics Dual Credit	0.5	2	12	TCC Admission Standards
AP Economics: Macroeconomics	0.5	3	12	None
AP European History	1.0	3	10 – 12	None
Psychology	0.5	1	11 – 12	None
Psychology Dual Credit	0.5	2	11 – 12	TCC Admission Standards
AP Psychology	1.0	3	11 – 12	None
Sociology	0.5	1	11 – 12	None
Sociology Dual Credit	0.5	2	11 – 12	TCC Admission Standards
Special Topics in Social Studies I & II	0.5	1	12	Administrative Approval
Personal Financial Literacy	0.5	1	10 – 12	None
Tarleton Today Personal Financial Literacy	0.5	1	12	None

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Suggested Guidelines:

Program	9th Grade	10th Grade	11th Grade	12th Grade
On-Level Courses	World Geography	World History	U.S. History	U.S. Government and Personal Financial Literacy and Economics
Advanced Courses	Adv. World Geography or AP Human Geography	AP World History	Tarleton Today U.S. History Dual Credit U.S. History AP U.S. History	Tarleton Today U.S. Government Dual Credit U.S. Government AP U.S. History and Dual Credit Economics AP Economics

These suggested guidelines are designed to aid the student in choosing the course in which he/she will be most successful based on prior courses taken

Social Studies Core Courses:

World Geography

Local Code: 1410/1410C/1410I/1410X
State Code: 03320100
Grade Placement: 9
Prerequisite: None
Credit: 1.0
World Geography Studies explores people, places, and environments at local, regional, national, and global scales through spatial and ecological perspectives. Students examine how geography has influenced historical and contemporary events, with a particular emphasis on current global issues. The course focuses on physical processes that shape patterns in the natural environment, including major landforms, climates, and ecosystems and their interrelationships. Students study the political, economic, and social processes that shape cultural patterns across regions, types and patterns of settlement, global population distribution and movement, and the concept of region. They analyze how location affects economic activities within various economic systems and identify the processes that influence political divisions around the world. Students also evaluate how differing perspectives impact the development of public policies. Additionally, students compare cultural components that shape regional characteristics and assess the impact of technology and human modifications on the physical environment. Problem-solving and decision-making skills are emphasized as students ask and answer geographic questions. To meet graduation requirements, World Geography students must complete instruction on proper interaction with peace officers, in accordance with Title 19 of the Texas Administrative Code (TAC) §74.5.

Advanced World Geography

Local Code: 1415
State Code: 03320100
Grade Placement: 9
Prerequisite: None
Credit: 1.0
Advanced World Geography Studies provides students with an in-depth examination of people, places, and environments at local, regional, national, and global scales, using spatial and ecological perspectives. The course emphasizes the influence of geography on both historical and contemporary events, with a focus on current global issues. Students explore physical processes that shape patterns in the natural environment, including the characteristics and interrelationships of major landforms, climates, and ecosystems. They also study the political, economic, and social processes that shape cultural patterns across regions, types and patterns of settlement, population distribution and movement, and the concept of region. The course includes analysis of how location influences economic activities within different economic systems and how political divisions are formed and influenced by varying perspectives. Students compare cultural components that shape regional characteristics and

evaluate the impact of technology and human modifications on the physical environment. Critical-thinking, problem-solving, and decision-making skills are emphasized as students ask and answer geographic questions. They read and interpret primary and secondary sources, refine writing and research skills, and may develop creative projects related to course topics. This course also helps prepare students for the rigor of the Advanced Academics program by fostering sustained academic habits necessary 56 for success in college. To meet graduation requirements, students will complete instruction on proper interaction with peace officers, in accordance with Title 19 of the Texas Administrative Code (TAC) §74.5.

AP/GT Human Geography

Local Code: 1475/1476
State Code: A3360100
Grade Placement: 9
Prerequisite: None
Credit: 1.0
AP Human Geography fulfills the state graduation requirement for World Geography and introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and modification of Earth's surface. Students apply spatial concepts and landscape analysis to examine the organization of societies and the environmental consequences of human activity. They also learn about the tools and methods geographers use in research and real-world applications. Students should expect to spend additional time on class preparation, outside reading, and completing assignments. AP courses offer a learning experience equivalent to that of most introductory college-level courses, and students enrolled in AP Human Geography are expected to take the Advanced Placement Exam in the spring. To meet graduation requirements, AP Human Geography students will also complete the required instruction on proper interaction with peace officers, in accordance with Title 19 of the Texas Administrative Code (TAC) §74.5.

World History

Local Code: 1420/1420C/1420I/1420X
State Code: 03340400
Grade Placement: 10
Prerequisite: None
Credit: 1.0
World History Studies is a comprehensive survey of human history. Given the vast scope of world history and the time limitations of the school year, the course emphasizes essential concepts and skills that can be applied across various eras, events, and individuals within the course standards. The primary focus is on significant people, events, and issues from ancient times to the present. Students identify traditional historical reference points and analyze key developments in Western civilization as well as in other global civilizations. They evaluate the causes and effects of political and economic imperialism and major political revolutions since the 17th century. The course also explores the impact of geographic factors on historical events and examines the origins of contemporary economic systems. Students analyze the evolution of constitutional governments and the influence of ideas found in historic documents. They trace the development of important legal and political concepts and examine the history and impact of major religious and philosophical traditions. Additionally, students explore the connections between scientific and technological advancements and the growth of industrial economies. Throughout the course, students engage in historical inquiry by researching, interpreting, and using multiple sources of evidence, applying critical-thinking skills to understand and explain the past from multiple perspectives and within historical context.

AP/GT World History

Local Code: 1425/1426
State Code: 3370100
Grade Placement: 10
Prerequisite: None
Credit: 1.0
AP World History fulfills the state graduation requirement for World History and guides students through the study of cultural, economic, political, and social developments that have shaped the world from approximately 1200 CE to the present. Students develop and apply the skills and methods used by historians, including analyzing primary and secondary sources, constructing historical arguments, making comparisons, and reasoning through contextualization,

causation, and continuity and change over time. The course is structured around five major themes that help students make connections across historical developments in different regions and time periods. These themes include the interaction between humans and the environment; the development and interaction of cultures; state-building, expansion, and conflict; the creation and interaction of economic systems; and the development and transformation of social structures. Students should expect to spend additional time preparing for class, completing outside reading, and working on assignments. AP 57 courses offer a learning experience comparable to that of introductory college-level courses, and students enrolled in AP World History are expected to take the Advanced Placement Exam in the spring.

United State History Since 1877

Local Code: 1430/1430C/1430I/1430X
State Code: 03340100
Grade Placement: 11
Prerequisite: None
Credit: 1.0
United States History Studies Since 1877 is the second part of a two-year study that begins in Grade 8. In this course, students examine the history of the United States from 1877 to the present. The curriculum is grounded in the founding documents of the U.S. government, which serve as a framework for understanding the nation's heritage. The course focuses on political, economic, and social events and issues related to industrialization, urbanization, major wars, domestic and foreign policies, and reform movements—including civil rights. Students analyze the impact of geographic factors on key events and eras, exploring their causes and effects. They also examine constitutional issues and their influence on American society, evaluate the dynamic relationship among the three branches of the federal government, and analyze efforts to expand democratic participation. In addition, students explore the connection between the arts, popular culture, and the historical periods in which they were created. They assess the impact of technological innovations on American life and apply critical-thinking skills using a variety of primary and secondary sources. Through this analysis, students learn to interpret the past using multiple perspectives and historical context. To meet graduation requirements, students must pass the State of Texas Assessments of Academic Readiness (STAAR) U.S. History End-of-Course (EOC) exam.

Tarleton Today United State History: U.S. History I (Fall) and United States History II (Spring)

Local Code: 1433T/1434T
State Code: 03340100
Grade Placement: 11
Prerequisite: None
Credit: 1.0
United States History I (HIST 1301) is a survey course covering U.S. history from the first European contacts through the end of the Reconstruction period. It provides a broad overview of the political, cultural, social, and economic developments that have shaped the American character. United States History II (HIST 1302) continues the survey from the end of Reconstruction to the present, emphasizing the key developments that contributed to the growth of modern America. Together, HIST 1301 and HIST 1302 fulfill the legislative requirement for two semesters of United States history.

United States History Dual Credit

Local Code: 1433/1434
State Code: 03340100
Grade Placement: 11
Prerequisite: TCC Admission Standards
Credit: 1.0
Students will earn both high school and college credit upon successful completion of this course. It is a college level class designed for highly motivated students who are ready to engage in college coursework while still in high school. The first semester explores the development of the American nation from its origins through the end of Reconstruction, while the second semester continues from Reconstruction to the present day. Students enrolled in U.S. History Dual Credit must pass the State of Texas Assessments of Academic Readiness (STAAR) U.S. History End-of-Course (EOC) exam to fulfill part of the graduation requirements. Additionally, students are required to register and pay for the course and textbooks through Tarrant County College, Northwest Campus.

AP/GT United States History

Local Code: 1435/1437
State Code: A3340100
Grade Placement: 11
Prerequisite: None
Credit: 1.0
AP United States History fulfills the state graduation requirement and guides students through the investigation of significant events, individuals, developments, and processes across nine historical periods, spanning from approximately 1491 to the present. Throughout the course, students develop and apply the skills and methods used by historians, such as analyzing primary and secondary sources, constructing historical arguments, making comparisons, and reasoning through contextualization, causation, and continuity and change over time. The curriculum is organized around seven overarching themes that help students draw connections between historical developments across different times and places. These themes include American and national identity, migration and settlement, politics and power, work, exchange, and technology, America's role in the world, geography and the environment, and culture and society. Students should expect to spend additional time preparing for class, completing outside reading, and working on assignments. AP courses offer a learning experience comparable to that of introductory college-level courses, and students enrolled in AP U.S. History are expected to take the Advanced Placement Exam in the spring. In addition to the AP exam, students must pass the State of Texas Assessments of Academic Readiness (STAAR) U.S. History End-of-Course (EOC) exam to meet graduation requirements.

United States Government

Local Code: 1440/1440C/1440I/1440X
State Code: 03330100
Grade Placement: 12
Prerequisite: None
Credit: 0.5
United States Government focuses on the principles and beliefs upon which the nation was founded, as well as the structure, functions, and powers of government at the national, state, and local levels. This course serves as the culmination of civic and governmental concepts studied from kindergarten through required secondary courses. Students explore major political ideas and historical forms of government, with a significant emphasis on the U.S. Constitution—its foundational principles and the system of government it established. Key concepts such as republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights are analyzed. Students also compare the U.S. system of government with other political systems around the world. The course examines the role of government in the U.S. free enterprise system and the strategic importance of geographic locations to the United States. Students analyze the influence of individuals, political parties, interest groups, and the media on the American political system. They evaluate the importance of voluntary civic participation in a constitutional republic and study the rights guaranteed by the U.S. Constitution. Additionally, students explore the relationship between government policies and American culture, identify examples of policies that promote scientific research, and apply critical-thinking skills to create a product addressing a contemporary government issue.

Tarleton Today United States Government

Local Code: 1443T
State Code: 03330100
Grade Placement: 12
Prerequisite: None
Credit: 0.5
This course covers the origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

United States Government Dual Credit

Local Code: 1443
State Code: 03330100
Grade Placement: 12
Prerequisite: TCC Admission Standards
Credit: 0.5
Students will earn both high school and college credit upon successful completion of this course. It is a college level class designed for highly motivated students who are prepared to take on college coursework while still in high school. The course covers the United States constitutional and governmental systems. Students must register and pay for the course and required textbooks through Tarrant County College, Northwest Campus.

AP United States Government and Politics

Local Code: 1445
State Code: A3330100
Grade Placement: 12
Prerequisite: None
Credit: 0.5
AP United States Government and Politics fulfills the state graduation requirement for U.S. Government and introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that shape the political culture of the United States. The course explores significant political concepts and themes, helping students apply disciplinary reasoning to assess the causes and consequences of political events and interpret data to develop evidence-based arguments. Students enrolled in this AP course should expect to dedicate 59 additional time to class preparation, outside reading, and assignment completion. AP courses offer a learning experience comparable to that of introductory college-level courses. Students taking AP U.S. Government and Politics are expected to take the Advanced Placement Exam in the spring.

Economics with Emphasis on the Free Enterprise System and its Benefits

Local Code: 1460
State Code: 03310300
Grade Placement: 12
Prerequisite: None
Credit: 0.5
Economics with an Emphasis on the Free Enterprise System and Its Benefits serves as the culmination of economic concepts studied from kindergarten through required secondary courses. The course focuses on fundamental principles related to the production, consumption, and distribution of goods and services— addressing the issue of scarcity—within the United States and in comparison with other countries around the world. Students analyze the interaction of supply, demand, and price, and explore concepts such as specialization, international trade, economic growth, key economic indicators, and monetary and fiscal policy. They examine the roles of the Federal Reserve System, financial institutions, government, and businesses in a free enterprise system. The course also covers types of business ownership and market structures. In addition, students receive instruction in personal financial literacy. They apply critical-thinking skills to evaluate the costs and benefits of various economic issues using economic concepts.

Personal Financial Literacy and Economics

Local Code: 1461/1461C/1461I/1461X
State Code: 03380083
Grade Placement: 12
Prerequisite: None
Credit: 0.5
Personal Financial Literacy and Economics serves as the culmination of economic concepts studied from kindergarten through required secondary courses. The course focuses on fundamental principles related to the production, consumption, and distribution of goods and services—addressing the problem of scarcity—within the context of the U.S. economy and in comparison, with other global economic systems. Students analyze the interaction of supply, demand, and price, and investigate concepts such as specialization, international trade, economic growth, key economic indicators, and both monetary and fiscal policy. The roles of the Federal Reserve System, financial

institutions, government, and businesses in a free enterprise system are explored, along with types of business ownership and market structures. In addition, the course integrates Personal Financial Literacy, equipping students with the knowledge and skills to make informed financial decisions that support financial security and personal responsibility. Students apply critical-thinking and problem-solving skills to analyze decisions related to earning and spending, saving and investing, credit and borrowing, insurance and protection, and planning for college or postsecondary education and training. A key component of the course is conducting cost-benefit analyses for spending and investment decisions. Students evaluate the necessity and value of purchases or investments compared to alternatives, consider total acquisition costs, especially in the context of financing options—and examine how investment growth and interest on debt impact long-term wealth-building.

Economics Dual Credit

Local Code: 1463
State Code: 03380083
Grade Placement: 12
Prerequisite: TCC Admission Standards
Credit: 0.5
This is a college-level course designed for highly motivated students who are prepared to take college coursework while still in high school. Upon successful completion, students will earn both high school and college credit. The course emphasizes key concepts in the U.S. economy, including the economizing problem, demand and supply theory, national income accounting, business fluctuations, fiscal policy, and monetary policy. Students will engage in rigorous study and analysis of these topics to develop a deeper understanding of macroeconomic principles. Students must register and pay for the course and required textbooks through Tarrant County College, Northwest Campus.

AP Economics: Macroeconomics

Local Code: 1465
State Code: A3310200
Grade Placement: 12
Prerequisite: None
Credit: 0.5
AP Economics (Macroeconomics) meets the state graduation requirement for Economics and focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on national income and price-level determination, while also developing students' understanding of economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to analyze, describe, and explain economic concepts using graphs, charts, and data. Throughout the course, they apply critical-thinking skills and engage with real-world economic issues using the tools and methods of economists. Additional time outside of class is required for AP students to complete readings, assignments, and prepare for class. AP courses offer a learning experience equivalent to that of most introductory college-level courses. Students enrolled in AP Economics are expected to take the Advanced Placement Exam in the spring.

Tarleton Today Personal Financial Literacy: Personal Finance (Available 2028-2029)

Local Code: 1466T
State Code: TBD
Grade Placement: 12
Prerequisite: None
Credit: 0.5
Personal and family accounts, budgets and budgetary control, bank accounts, charge accounts, borrowing, investing, insurance, standards of living, renting or home ownership, and wills and trust plans.

Social Studies Electives:

Personal Financial Literacy

Local Code: 1466
State Code: 03380082
Grade Placement: 10 – 12
Prerequisite: None
Credit: 0.5
Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. Personal Financial Literacy requires students to apply critical-thinking and problem-solving skills to analyze decisions involving earning and spending, saving, and investing, credit and borrowing, insuring, and protection, and college and postsecondary education and training. There are many references to conducting a cost-benefit analysis for spending and investing decisions. Students evaluate the necessity of the purchase, the quality or value of the purchase or investment compared to other alternatives, and the total cost of acquisition, particularly in the context of financing options and see growth on investments and interest on debt and how they affect the ability to build wealth over time.

Special Topics in Social Studies: Old Testament and New Testament

Local Code: 1470
State Code: 03380072
Grade Placement: 10 – 12
Prerequisite: None
Credit: 0.5
This elective course focuses on the content, history, literary style, and structure of the Hebrew Scriptures (Old Testament) and New Testament. Students will use primary and secondary sources, technology, and critical thinking skills in an objective, academically focused course that requires strong analytical abilities.

AP European History

Local Code: 1455
State Code: A3340200
Grade Placement: 10 – 12
Prerequisite: None
Credit: 1.0
AP European History requires students to investigate significant events, individuals, developments, and processes across four historical periods, spanning from approximately 1450 to the present. Students develop and apply the same skills, practices, and methods used by historians, including analyzing primary and secondary sources, constructing historical arguments, making comparisons, and reasoning through contextualization, causation, and continuity and change over time. The course is organized around six themes that help students make connections across different time periods and regions: interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; individual and society; and national and European identity. Additional time outside of class is required for AP students to complete readings, assignments, and prepare for class. AP courses offer a learning experience equivalent to that of most introductory college-level courses. Students enrolled in AP European History are expected to take the Advanced Placement Exam in the spring.

AP African American Studies: Ethnic Studies – African American Studies

Local Code: 1405
State Code: 03380085
Grade Placement: 10 – 12
Prerequisite: None
Credit: 1.0
AP African American Studies is an interdisciplinary course that examines the diversity of African American experience through direct encounters with rich and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. The AP African American Studies framework is organized by four thematic units that follow a chronological sequence across the course. Throughout

theca unit, students build interdisciplinary analytical skills through deep encounters with a wide range of sources. Students enrolled in AP African American Studies are expected to take the Advanced Placement Exam in the spring.

Psychology

Local Code: 1480
State Code: 03350100
Grade Placement: 11 – 12
Prerequisite: None
Credit: 0.5
Psychology, an elective course, introduces students to the scientific study of behavior and mental processes. Students examine the full scope of psychology as a discipline, including its historical foundations, research methodologies, and key areas such as human development, motivation, emotion, sensation and perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.

Psychology Dual Credit

Local Code: 1486
State Code: 03350100
Grade Placement: 11 – 12
Prerequisite: TCC Admission Standards
Credit: 0.5
TCC Dual Credit Psychology is a rigorous dual credit course that introduces students to the scientific study of human behavior and mental processes through Tarrant County College's PSYC 2301 General Psychology course. Students explore major psychological theories, research methods, human development, learning, cognition, memory, motivation, personality, social behavior, and psychological disorders. Emphasis is placed on critical thinking, analysis of human behavior, and the application of psychological concepts to real-world situations. As a dual credit course, students are expected to demonstrate college-level responsibility, independent learning, and strong academic skills while earning both high school and college credit.

AP Psychology/Social Studies Research Methods

Local Code: 1485/1495
State Code: A3350100/03380003
Grade Placement: 11 – 12
Prerequisite: None
Credit: 1.0
AP Psychology introduces students to the systematic and scientific study of human behavior and mental processes. As they explore the psychologists and studies that have shaped the field, students apply psychological theories, key concepts, and phenomena related to topics such as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and 62 individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students use psychological research methods—including ethical considerations—as they apply the scientific method, evaluate claims and evidence, and effectively communicate ideas. Social Studies Research Methods must be taken during the fall semester prior to enrollment in AP Psychology. Additional time outside of class is required for AP students to complete readings, assignments, and class preparation. AP courses offer a learning experience equivalent to that of most college-level introductory courses. Students enrolled in AP Psychology are expected to take the Advanced Placement Exam in the spring.

Sociology

Local Code: 1490
State Code: 03370100
Grade Placement: 11 – 12
Prerequisite: None
Credit: 0.5
Sociology, an elective course, is an introductory study of social behavior and the organization of human society. The course explores the development of sociology as a social science by examining research methods and strategies that help students understand how individuals relate to society and an ever-changing world. Students also learn about the importance and role of culture, social structure, socialization, and social change in contemporary society.

Special Topics in Social Studies I and II

Local Code: 1498/1499
State Code: 03380002/0380022
Grade Placement: 12
Prerequisite: Administrative Recommendation
Credit: 0.5 per course
Special Topics in Social Studies I (U.S. History) provides students with the opportunity to deepen their understanding of the historical, political, geographic, multicultural, and social forces that have shaped their lives and the world around them. Students apply social science knowledge and skills to analyze complex issues using rational and logical approaches, while recognizing and appreciating diverse human perspectives. Additionally, U.S. History students are required to pass the State of Texas Assessments of Academic Readiness (STAAR) End-of-Course (EOC) U.S. History exam to fulfill part of the graduation requirements.

Special Education Course Offerings

The following Special Education courses align with the high school Foundation Graduation Program. All students receiving special education services will have access to the general curriculum and to the Texas Essential Knowledge and Skills (TEKS). Curriculum may be accommodated, Foundation, or reflect prerequisite skills (alternate standards) based upon the individual needs of the student as determined by the Admission, Review, and Dismissal committee. All special education courses taken earn credits toward meeting state requirements for high school completion.

Four Year Foundation Course Sequence

Subject Area	9th Grade	10th Grade	11th Grade	12th Grade
English: Foundations Curriculum	Foundations of English I	Foundations of English II	Foundations of English III	Foundations of English IV
Mathematics: Foundations Curriculum	Foundations of Algebra I	Foundations of Geometry	Foundations of Algebraic Reasoning	Foundations of Algebra II
Science: Itinerant Curriculum	Biology	Integrated Physics & Chemistry	Advanced Science	Advanced Science
Social Studies: Itinerant Curriculum	World Geography	World History	U.S. History	U.S. Government & Econ/PFL
Language Other Than English (LOTE)	Two credits of the same world language. ARD committee may determine state approved substitutions are appropriate on an individual basis.			
Fine Arts	One credit of Fine Arts			
Physical Education	One credit of Physical Education			
Electives	Students receiving Foundation instruction in core academic areas have access to all general education electives.			
Foundations Electives	Career preparation is taught by a SPED teacher and assigned as appropriate by the ARD committee.		Career Preparation I	Career Preparation II

English Language Arts

Foundations of English I

Local Code: 1018
State Code: 03220100
Grade Placement: 9
Prerequisite: ARD Decision
Credit: 1.0
Foundations of English I uses a curriculum designed to meet the individual learning needs of students, as determined by the ARD committee. Students engage in daily reading and writing activities that build on prior knowledge and skills to strengthen their reading, writing, and oral language abilities. Throughout the course, students read extensively across multiple genres—including stories, dramas, novels, and poetry—from world literature. They learn literary forms and terms and explore how historical context may influence a literary work. Writing instruction emphasizes organizing logical arguments, developing clear thesis, and supporting ideas with evidence. Students focus on sentence structure, paragraph development, and composing comprehensive papers in various modes, including argument, research, and description. Composition practice is integrated 64 with guided reading of fiction, nonfiction, drama, and poetry. Students revise and edit their writing as part of the writing process, with attention to clarity and correct use of conventions and mechanics. The course also emphasizes critical thinking, literary analysis, and the development of individual writing styles. Course content and emphasis may vary based on the individual needs of each student. Additionally, English I students are required to pass the State of Texas Assessments of Academic Readiness (STAAR) End-of-Course (EOC) exam to fulfill part of the graduation requirements.

Foundations of English II

Local Code: 1028
State Code: 03220200
Grade Placement: 10
Prerequisite: ARD Decision
Credit: 1.0
Foundations of English II uses a curriculum designed to meet the individual learning needs of students, as determined by the ARD committee. Students read and write daily to strengthen their literacy skills through consistent practice and engagement. Throughout the course, students read extensively across multiple genres—including stories, dramas, novels, and poetry—from world literature. They learn literary forms and terms and explore how historical context may influence a literary work. Writing instruction emphasizes argumentative forms, including logical arguments, expressions of opinion, and personal writing such as responses to literature, reflective essays, and autobiographical narratives. Composition practice is integrated with guided reading of fiction, nonfiction, drama, and poetry. Students revise and edit their writing as part of the writing process, focusing on clarity and correct use of conventions and mechanics. The course also emphasizes critical thinking, literary analysis, and the development of individual writing styles. Course content and emphasis may vary based on the individual needs of each student. Additionally, English II students are required to pass the State of Texas Assessments of Academic Readiness (STAAR) End-of-Course (EOC) exam to fulfill part of the graduation requirements.

Foundations of English III

Local Code: 1038
State Code: 03220300
Grade Placement: 11
Prerequisite: ARD Decision
Credit: 1.0
Foundations of English III uses a curriculum designed to meet the individual learning needs of students, as determined by the ARD committee. Students read and write daily, building on prior knowledge to strengthen their literacy skills. Throughout the course, students read extensively across multiple genres from American and world literature. They learn literary forms and terms and explore how historical context may influence a literary work. Writing instruction includes a variety of forms such as informational, personal, literary, and argumentative texts. Students also write résumés, college and career essays, and professional correspondence, and engage in research while revising and editing drafts for clarity and correct use of English conventions and mechanics. To support college readiness, students participate in SAT-style practice and assessments to improve their reading, proofreading, writing, and language skills. Course content and emphasis may vary based on the individual needs of each student.

Foundations of English IV

Local Code: 1048
State Code: 03220400
Grade Placement: 12
Prerequisite: ARD Decision
Credit: 1.0
Foundations of English IV uses a curriculum designed to meet the individual learning needs of students, as determined by the ARD committee. Students engage in activities that build upon their prior knowledge and skills to strengthen reading, writing, and oral language abilities. Daily reading and writing are emphasized throughout the course. Instruction includes an in-depth study of British and world literature, with students reading extensively across multiple genres. They learn literary forms and terms and explore how historical context may influence a literary work. Composition work includes a variety of writing forms such as informational, argumentative, personal, literary, research, and business writing. Students use a style guide to revise and edit their work for clarity and correct use of conventions and mechanics in written English. The course also includes 65 TSI-style practice and assessments to help students improve their reading, proofreading, writing, and language skills in preparation for post-secondary education. Course content and emphasis may vary based on the individual needs of each student.

Mathematics

Foundations of Algebra I

Local Code: 1218
State Code: 03100500
Grade Placement: 9
Prerequisite: ARD Decision
Credit: 1.0
Foundations of Algebra I uses a curriculum designed to meet the individual learning needs of students, as determined by the ARD committee. In this course, students build on mathematical knowledge and skills developed in Grades 6–8, which provide a foundation in linear relationships, number operations, and proportional reasoning. Students study linear, quadratic, and exponential functions, along with their transformations, equations, and associated solutions. They explore connections between functions and their solutions in both mathematical and real-world contexts. The course also includes the use of technology to collect and analyze data and examine statistical relationships. Additional topics include polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students generate and solve linear systems involving two equations and two variables, and create new functions through transformations. Course content and emphasis may vary based on the individual needs of each student. Additionally, Algebra I students are required to pass the State of Texas Assessments of Academic Readiness (STAAR) End-of-Course (EOC) Algebra I exam to fulfill part of the graduation requirements.

Foundations of Geometry

Local Code: 1228
State Code: 03100700
Grade Placement: 10
Prerequisite: ARD Decision, Algebra I
Credit: 1.0
Foundations of Geometry uses a curriculum tailored to meet the individual learning needs of students, as determined by the ARD committee. In this course, students build upon mathematical knowledge and skills developed from Kindergarten through Grade 8 and Algebra I, strengthening their reasoning abilities in geometric contexts. Students begin to use more precise terminology, symbolic representations, and develop formal proofs. Key concepts include coordinate and transformational geometry, logical arguments and constructions, proof and congruence, similarity and trigonometry, two- and three-dimensional figures, circles, and probability. Students connect prior knowledge from Algebra I, create formal constructions using a straightedge and compass, and apply deductive reasoning to justify, prove, and apply theorems related to geometric figures. They also use proportional reasoning to solve problems and apply theorems about circles to determine relationships between segments and angles. Although the course primarily focuses on Euclidean geometry, students will gain an awareness that non-Euclidean geometries also exist. In alignment with college and career readiness standards, topics in probability have been added to ensure students are exposed to these concepts before pursuing post-secondary education. Course content and emphasis may vary based on the individual needs of each student.

Foundations of Algebraic Reasoning

Local Code: 1214
State Code: 03102540
Grade Placement: 11
Prerequisite: ARD Decision, Algebra I
Credit: 1.0
Foundations of Algebraic Reasoning continues the development of mathematical reasoning related to algebraic concepts and processes, strengthening the foundation for future math courses. Using both basic and accommodated curricula tailored to meet individual learning needs—as determined by the ARD committee— students build on the knowledge and skills acquired in Algebra I. This course prepares students for success in Algebra II by focusing on the study of linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. It is designed for students who have not yet completed Algebra II and who are not pursuing an Advanced Placement (AP) or dual-credit mathematics pathway in high school. Course content and emphasis may vary based on the individual needs of each student.

Foundations of Algebra II

Local Code: 1238
State Code: 03100600
Grade Placement: 12
Prerequisite: ARD Decision, Algebra I
Credit: 1.0
Foundations of Algebra II builds upon the mathematical knowledge and skills acquired from Kindergarten through Grade 8 and Algebra I. Using both basic and accommodated curricula tailored to meet individual learning needs—as determined by the ARD committee—students expand their understanding of quadratic and exponential functions, as well as systems of equations. The course also includes the study of logarithmic, square root, cubic, cube root, absolute value, and rational functions, along with their related equations. Students explore the connections between functions and their inverses, and apply these relationships to both mathematical and real-world situations. In addition, students extend their knowledge of data analysis and strengthen their numeric and algebraic problem-solving skills. Course content and emphasis may vary based on the individual needs of each student.

Electives

Career Preparation I & II

Local Code: 6630/6640
State Code: 12701111/12701112
Grade Placement: 11 – 12
Prerequisite: ARD Decision
Credit: 2.0
Career Preparation I and II provides students with opportunities to participate in a learning experience that combines classroom instruction with paid employment in business and industry, aligned with the implementation of the student's Individualized Education Program (IEP) as determined by the ARD committee. Students are taught essential employability skills, including job-specific skills related to their training station, job interview techniques, communication skills, and portfolio development. To remain enrolled in the course, students must be employed a minimum of 15 hours per week at an approved job site and must provide their own transportation. Continuous employment is required; failure to maintain employment will result in removal from the course and placement in other elective classes to complete the student's schedule. Extenuating circumstances will be reviewed on an individual basis. Career Preparation is scheduled as a work period during the school day. This course does not count as an advanced course for endorsements and should only be selected after the ARD committee determines that the district's regular career and technology courses are not appropriate for meeting the student's individual needs.

Foundations of Making Connections I

Local Code: 6431
State Code: N1290332
Grade Placement: 9 – 12
Prerequisite: ARD Decision
Credit: 0.5
Making Connections I will assist students in analyzing their own strengths and social skill deficits through self-assessment and the creation of plans to address atypical behaviors that may hinder academic or social success. The course covers topics such as building positive relationships, understanding social expectations in school and community settings, and applying organizational strategies for academic success. Additionally, students will explore postsecondary options, helping them to identify strengths and areas for growth in preparation for life beyond high school.

Foundations of Making Connections II

Local Code: 6432
State Code: N1290332
Grade Placement: 9 – 12
Prerequisite: ARD Decision
Credit: 0.5
The course guides students through self-assessment of their social skills, encourages strategies for improving friendships, and helps differentiate between appropriate and inappropriate relationships. Students also learn to cope with negative attention, engage in conflict resolution, and apply these skills in various community and social settings. Additionally, the course includes future planning, where students create strategies for sustaining friendships beyond high school.

Foundations of Making Connections III

Local Code: 6433
State Code: N1290334
Grade Placement: 10 – 12
Prerequisite: ARD Decision
Credit: 0.5
Making Connections III emphasizes self-advocacy, where students will earn how to articulate their needs within their individualized education programs (IEPs) and effectively communicate their rights and accommodations. Additionally, students will examine how the skills they develop in the educational setting can be applied to community contexts. Through role-playing, discussions, and real-world practice, students will engage in future planning activities, including developing graduation plans, resumes, and interview skills to facilitate a successful transition to postsecondary opportunities.

Foundations of Making Connections IV

Local Code: 6434
State Code: N1290335
Grade Placement: 10 – 12
Prerequisite: ARD Decision
Credit: 0.5
This course specifically focuses on the aspect of social communication, by focusing on their collaborative problem-solving skills. This course also encourages mentoring relationships within the school environment and helps students identify and take steps toward their postsecondary goals, including job applications, FAFSA completion, and understanding available accommodations at postsecondary institutions or workplaces.

Making Connections V

Local Code: 6439
State Code: 85000XXX
Grade Placement: 11 – 12
Prerequisite: ARD Decision
Credit: 1.0 (Local)
This course will be provided to continue the Making Connections programming through a students junior and senior year of high school.

Four Year Essentials Recommended Course Sequence

Subject Area	9th Grade	10th Grade	11th Grade	12th Grade
English	Essentials of English I	Essentials of English II	Essentials of English III	Essentials of English IV
Mathematics	Essentials of Algebra I	Essentials of Geometry	Essentials of Math Models	Essentials of Algebra II
Science	Essentials of Integrated Physics & Chemistry (IPC)	Essentials of Biology	Essentials of Environmental Systems	Essentials of Aquatic Science
Social Studies	Essentials of World Geography	Essentials of World History	Essentials of U.S. History	Essentials of U.S. Government & Economics
Language Other Than English (LOTE)			General Employability Skills I	General Employability Skills II
Fine Arts	Fine Arts Elective			
Physical Education	Lifetime Fitness and Wellness Pursuits	Skill-Based Lifetime Activities		
Electives	Open Elective	Open Elective (2)	Open Elective (2)	Open Elective (2)
Local Credit	Activities for Transition Success I	Activities for Transition Success II	Activities for Transition Success III	Activities for Transition Success IV

English Language Arts

Essentials of English I

Local Code: 1019
State Code: 03220107
Grade Placement: 9
Prerequisite: ARD Decision
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on recommended prerequisite skills for grade-level English I, as outlined in the Texas Essential Knowledge and Skills (TEKS). The course emphasizes foundational skills in integrated language arts, including language and writing, literature and reading, speaking and listening, and viewing and representing. Course content and emphasis may vary depending on each student's individual learning needs. Students enrolled in English I Alternate are required to participate in the State of Texas Assessments of Academic Readiness Alternate 2 (STAAR-Alt II) end-of-course exam to fulfill part of the graduation requirements.

Essentials of English II

Local Code: 1029
State Code: 03220207
Grade Placement: 10
Prerequisite: ARD Decision
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on recommended prerequisite skills for grade-level English II, as outlined in the Texas Essential Knowledge and Skills (TEKS). The course emphasizes integrated language arts instruction, including language and writing, literature and reading, speaking and listening, and viewing and representing. 73 Students continue to develop study strategies and apply critical thinking skills across various contexts. Course content and emphasis may vary depending on each student's individual learning needs. Students enrolled in English II Alternate are required to participate in the State of Texas Assessments of Academic Readiness Alternate 2 (STAAR-Alt II) end-of-course exam to fulfill part of the graduation requirements.

Essentials of English III

Local Code: 1039
State Code: 03220300
Grade Placement: 11
Prerequisite: ARD Decision
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on recommended prerequisite skills for grade-level English III, as outlined in the Texas Essential Knowledge and Skills (TEKS). The course emphasizes integrated language arts instruction, including language and writing, literature and reading, speaking and listening, and viewing and representing. Students continue to refine their communication skills and regularly plan, draft, and complete written compositions, with a focus on business writing. American and world literature serve as sources for critical thinking and literary analysis. Students also present and critique oral communications and Graphic Design & Illustration products. Continued development of study strategies and critical thinking skills is emphasized throughout the course. Course content and emphasis may vary depending on each student's individual learning needs.

Essentials of English IV

Local Code: 1049
State Code: 03220400
Grade Placement: 12
Prerequisite: ARD Decision
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on recommended prerequisite skills for grade-level English IV, as outlined in the Texas Essential Knowledge and Skills (TEKS). The course emphasizes integrated language arts instruction, including language and writing, literature and reading, speaking and listening, and viewing and representing. Students continue to refine their communication skills and regularly plan, draft, and complete written compositions, with a particular focus on business writing. American and world literature serve as sources for critical thinking and literary analysis. Students also continue to develop study strategies and apply critical thinking skills across various contexts. Course content and emphasis may vary depending on each student's individual learning needs.

Mathematics

Essentials of Algebra I

Local Code: 1219
State Code: 03100507
Grade Placement: 9
Prerequisite: ARD Decision
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level Algebra I, as outlined in the Texas Essential Knowledge and Skills (TEKS) and determined by the ARD committee. In Algebra I Alternate, students build on prior mathematical experiences by deepening their understanding of relations and functions. They expand their knowledge of linear and quadratic functions and apply exponential functions to model and solve problems using real-world data. Course content and emphasis may vary depending on each student's individual learning needs. Students enrolled in Algebra I Alternate are required to participate in the State of Texas Assessments of Academic Readiness Alternate 2 (STAAR-Alt II) end-of-course exam to fulfill part of the graduation requirements.

Essentials of Geometry

Local Code: 1229
State Code: 03100700
Grade Placement: 10
Prerequisite: ARD Decision, Algebra I
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level Geometry, as outlined in the Texas Essential Knowledge and Skills (TEKS) and determined by the ARD committee. Students develop proficiency in representing geometric concepts through various methods, including coordinates, networks, and transformations. These approaches support multiple strategies for solving geometric problems and help connect geometric interpretations to broader contexts. Students learn to recognize and flexibly use different representations, enhancing their ability to apply geometry in diverse situations. Instruction is guided by the geometry content strands: Geometric Structure, Geometric Patterns, Dimensionality and the Geometry of Location, Congruence and the Geometry of Size, and Similarity and the Geometry of Shape. Course content and emphasis may vary depending on each student's individual learning needs.

Essentials of Mathematical Models with Applications

Local Code: 1242
State Code: 03102400
Grade Placement: 11
Prerequisite: ARD Decision, Algebra I
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level Mathematical Models with Applications, as outlined in the Texas Essential Knowledge and Skills (TEKS) and determined by the ARD committee. Building on the foundations of K–8 mathematics and Algebra I Alternate, this course expands students' understanding through individualized mathematical experiences. Students apply mathematical methods to model and solve real-world problems involving money, data, probability, patterns, music, design, and science. They use a variety of representations, tools, and technologies to connect modeling techniques with core mathematical concepts and to solve applied problems. Course content and emphasis may vary depending on each student's individual learning needs.

Essentials of Algebra II

Local Code: 1239
State Code: 03100600
Grade Placement: 12
Prerequisite: ARD Decision, Algebra I
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level Algebra II, as outlined in the Texas Essential Knowledge and Skills (TEKS) and determined by the ARD committee. In Algebra II Alternate, students build on prior mathematical experiences by deepening their understanding of relations and functions. They expand their knowledge of linear and quadratic functions and apply exponential functions to model and solve problems using real-world data. Course content and emphasis may vary depending on each student's individual learning needs.

Science

Essentials of Integrated Physics and Chemistry (IPC)

Local Code: 1392
State Code: 03060201
Grade Placement: 9
Prerequisite: ARD Decision
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level Integrated Physics and Chemistry (IPC), as outlined in the Texas Essential Knowledge and Skills (TEKS) and

determined by the ARD committee. In Integrated Physics and Chemistry Alternate, students engage in field and laboratory investigations, apply scientific methods, and use critical thinking and problem-solving skills to make informed decisions. 75 The course integrates key concepts from both physics and chemistry, including force, motion, energy, and matter. Course content and emphasis may vary depending on each student's individual learning needs. variation in course content/emphasis may occur depending on the individual learning needs of the student.

Essentials of Biology

Local Code: 1319
State Code: 03010207
Grade Placement: 10
Prerequisite: ARD Decision
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level Biology, as outlined in the Texas Essential Knowledge and Skills (TEKS) and determined by the ARD committee. The curriculum may include topics such as cell structure and function, scientific processes, and foundational concepts in biochemistry, genetics, microbiology, taxonomy, botany, physiology, and zoology. Course content and emphasis may vary by campus to accommodate individual student needs. Students enrolled in Biology Alternate are required to participate in the State of Texas Assessments of Academic Readiness Alternate 2 (STAAR-Alt II) end-of-course exam to fulfill part of the graduation requirements.

Essentials of Environmental Systems

Local Code: 1396
State Code: 03020000
Grade Placement: 11
Prerequisite: ARD Decision, Biology, IPC
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level Environmental Systems, as outlined in the Texas Essential Knowledge and Skills (TEKS) and determined by the ARD committee. The course emphasizes the study of environmental science, with a focus on ecology and natural resources. Topics include local environmental systems, sources and energy flow, the relationship between carrying capacity and changes in population and ecosystems, and environmental changes. Students will explore current issues related to people and society, including cultural perspectives and the balance of nature. Instruction includes the use of critical thinking and technology-based activities to support learning. Course content and emphasis may vary depending on each student's individual learning needs.

Essentials of Aquatic Science

Local Code: 1387
State Code: 03030000
Grade Placement: 12
Prerequisite: ARD Decision, Biology, IPC
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level Aquatic Science, as outlined in the Texas Essential Knowledge and Skills (TEKS) and determined by the ARD committee. Aquatic Science provides students with an understanding and awareness of both freshwater and saltwater systems. Topics include aquatic habitats, environmental cycles, adaptations of aquatic organisms, watersheds, geological phenomena, and fluid dynamics. Students engage in field and laboratory investigations, collect data, and draw conclusions through data analysis. The course also explores current issues related to human impact on aquatic environments and encourages students to think critically about societal questions involving water systems. Course content and emphasis may vary depending on each student's individual learning needs.

Social Studies

Essentials of World Geography

Local Code: 1419
State Code: 03320100
Grade Placement: 9
Prerequisite: ARD Decision
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level World Geography, as outlined in the Texas Essential Knowledge and Skills (TEKS) and determined by the ARD committee. Students explore the interaction between people, cultures, and their physical environments across the world's major regions. Topics include the location of natural resources, geographic boundaries, landforms, economic development, language, settlement patterns, and the relationships among cultures and nations within the context of global development. Instruction incorporates critical thinking and technology-based activities to help students understand how geographic events and trends influence the United States and its citizens. Course content and emphasis may vary depending on each student's individual learning needs.

Essentials of World History

Local Code: 1429
State Code: 03340400
Grade Placement: 10
Prerequisite: ARD Decision
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level World History, as outlined in the Texas Essential Knowledge and Skills (TEKS) and determined by the ARD committee. The curriculum explores the historical development of human societies from ancient times to the present, with emphasis on major events, influential world leaders, economic and political institutions, technological innovations, and the philosophical and religious beliefs that have shaped the modern world. Course content and emphasis may vary depending on the individual learning needs of each student.

Essentials of United States History

Local Code: 1439
State Code: 03340107
Grade Placement: 11
Prerequisite: ARD Decision
Credit: 1.0
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level U.S. History, as outlined in the Texas Essential Knowledge and Skills (TEKS) and determined by the ARD committee. The curriculum covers U.S. history from Reconstruction to the present, with an emphasis on major themes and events, influential leaders, economic and political institutions, technological innovations, and the philosophies that continue to shape the nation. Students will also explore concepts of personal responsibility and citizenship, particularly as they relate to employability and contributing to a business, community, or organization. Course content and emphasis may vary by campus to accommodate individual learning needs. Students enrolled in U.S. History Alternate are required to participate in the State of Texas Assessments of Academic Readiness Alternate 2 (STAAR-Alt II) end-of-course exam to fulfill part of the graduation requirements.

Essentials of United States Government

Local Code: 1449
State Code: 03330100
Grade Placement: 12
Prerequisite: ARD Decision
Credit: 0.5
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level Government, as outlined in the Texas Essential Knowledge and Skills (TEKS) and determined by the ARD

committee. The course emphasizes understanding individual rights, privileges, and responsibilities within school, community, and employment settings. Key concepts include voting, laws and consequences of unlawful behavior, honesty, integrity, community volunteerism, and adherence to rules and regulations. 77 Students also learn how to be safe and productive in various community environments, including the workplace. Course content and emphasis may vary based on each student's specific learning needs.

Essentials of Economics

Local Code: 1469
State Code: 03310300
Grade Placement: 12
Prerequisite: ARD Decision
Credit: 0.5
This course is designed to meet the individual learning needs of students by focusing on prerequisite skills for grade-level Economics, with an emphasis on the Free Enterprise System as outlined in the Texas Essential Knowledge and Skills (TEKS) and determined by the ARD committee. Instruction centers on basic economic principles related to the production, consumption, and distribution of goods and services, including the concept of scarcity in the United States and comparisons with other global economies. Students also explore personal responsibility in the context of employability and becoming productive, contributing members of a business, community, or organization. Course content and emphasis may vary based on each student's individual learning needs.

Physical Education

Essentials of Lifetime Fitness and Wellness Pursuits

Local Code: 6401
State Code: PES00051
Grade Placement: 9 – 12
Prerequisite: ARD Placement
Credit: 1.0
The purpose of this course is to motivate students to pursue lifelong personal fitness through alternative physical activities, with an emphasis on the health-related components of fitness. Instructional units focus on foundational skills for basic conditioning, the benefits of weight training, proper nutrition, and the assessment of individual fitness levels.

Essentials of Skill-Based Lifetime Activities

Local Code: 6402
State Code: PES00056
Grade Placement: 9 – 12
Prerequisite: ARD Placement
Credit: 1.0
Students in this course are expected to participate in a wide range of individual and team sports that can be enjoyed throughout their lives. The course emphasizes the development of health-related fitness, as well as an appreciation for teamwork and fair play. Students will learn the skills, rules, and regulations necessary for active participation. The instructional focus is on the lifelong benefits of engaging in physical activity.

Essentials of Lifetime Recreation and Outdoor Pursuits

Local Code: 6405
State Code: PES00053
Grade Placement: 9 – 12
Prerequisite: ARD Placement
Credit: 1.0
Essentials of Lifetime Recreation and Outdoor Pursuits focuses on a variety of movement-based activities that promote and encourage health-related fitness. Students enrolled in this course will gain skills and knowledge through alternate cardiovascular exercises such as jogging, power walking, step aerobics, and circuit training.

Language Other Than English (LOTE) Substitutions

Essentials of General Employability Skills I

Local Code: 6610
State Code: N1270153
Grade Placement: 11
Prerequisite: ARD Placement
Credit: 1.0
This course is designed to provide students with opportunities to develop the pre-vocational skills necessary for employment. Through hands-on experiences in classroom settings, students will build work-related skills such as working independently, tolerating interruptions, receiving corrective feedback, sustaining attention, 79 asking for help when needed, performing unfamiliar tasks, following instructions, adapting to changes in routine, and correcting errors. This course may be used as a substitute for LOTE I.

Essentials of General Employability Skills II: Student to Industry Connection

Local Code: 6620
State Code: N1270154
Grade Placement: 12
Prerequisite: ARD Placement
Credit: 1.0
This course is designed to help students develop essential pre-vocational skills for future employment. Through hands-on experiences in classroom, school, and community settings, students will practice working independently, managing interruptions, receiving and responding to corrective feedback, sustaining attention, asking for help when needed, performing unfamiliar tasks, following instructions, adapting to changes in routine, and identifying and correcting errors. Building on the skills learned in GESA-I, the course provides authentic opportunities to apply these competencies in real-world environments. It may be used as a substitute for LOTE II.

Other Electives

Essentials of Making Connections I – IV

Local Code: 6435/6436/6437/6438
State Code: N1290332/N1290333/N1290334/N1290335
Grade Placement: 9 – 12
Prerequisite: ARD Decision
Credit: 0.5

- Making Connections I: Making Connections I will assist students in analyzing their own strengths and social skill deficits through self-assessment and the creation of plans to address atypical behaviors that may hinder academic or social success. The course covers topics such as building positive relationships, understanding social expectations in school and community settings, and applying organizational strategies for academic success. Additionally, students will explore postsecondary options, helping them to identify strengths and areas for growth in preparation for life beyond high school.
- Making Connections II: The course guides students through self-assessment of their social skills, encourages strategies for improving friendships, and helps differentiate between appropriate and inappropriate relationships. Students also learn to cope with negative attention, engage in conflict resolution, and apply these skills in various community and social settings. Additionally, the course includes future planning, where students create strategies for sustaining friendships beyond high school.
- Making Connections III: Making Connections III emphasizes self-advocacy, where students will earn how to articulate their needs within their individualized education programs (IEPs) and effectively communicate their rights and accommodations. Additionally, students will examine how the skills they develop in the educational setting can be applied to community contexts. Through role-playing, discussions, and real-world practice, students will engage in future planning activities, including developing graduation plans, resumes, and interview skills to facilitate a successful transition to postsecondary opportunities.
- Making Connections IV: This course specifically focuses on the aspect of social communication, by focusing on their collaborative problem-solving skills. This course also encourages mentoring relationships within the

school environment and helps students identify and take steps toward their postsecondary goals, including job applications, FAFSA completion, and understanding available accommodations at postsecondary institutions or workplaces.

Making Connections V

Local Code: 6439
State Code: 85000XXX
Grade Placement: 11 – 12
Prerequisite: ARD Decision
Credit: 1.0 (Local)
This course will be provided to continue the Making Connections programming through a students junior and senior year of high school.

Activities for Transition Success I – IV

Local Code: 6410/6411/6412/6413
State Code: 84900XXX
Grade Placement: 9 – 12
Prerequisite: ARD Decision
Credit: 1.0 (Local)
This course integrates domestic, recreational, leisure, school, and community domains to support students in learning and applying daily living skills. Activities are designed to promote a successful transition to adulthood and increase independence. Students will explore areas such as cooking, safety, leisure, household chores, personal responsibilities, budgeting, time management, first aid, and communication. Personal safety and responsibility are emphasized in relation to caring for oneself, others, and pets. Additional topics include health care, transportation, telephone skills, and recreational activities, all within the context of developing skills for active participation in school and community life.

- Activities for Transition Success I: Emphasizes daily routines, schedules, and community access within the school setting.
- Activities for Transition Success II: Focuses on personal safety, responsibility, and continued development of community access skills in the school setting.
- Activities for Transition Success III: Centers on domestic skills essential for independent living.
- Activities for Transition Success IV: Highlights life choices, personal needs, employment readiness, and community access in a variety of real-world settings.

Adult Transition (AIMS)

To be eligible for the AIMS program, students must have completed the requirements for high school graduation under the High School Foundation Program and demonstrate a need for instruction related to postsecondary goals, as documented in their Individualized Education Program (IEP).

Adult Transition (AIMS)

Local Code: 6677
State Code: 85000XXX
Grade Placement: 12
Prerequisite: ARD Decision, High School Completion, 18 – 21 years old
Credit: 1.0 (Local)
Achieving Independence to Maximize Success (AIMS) is a program designed for adult students who need transition support to increase access to employment and community involvement. Students may follow either the Community Path or the Career Path, receiving individualized instruction as outlined in their IEP. Participants gain real-life experience in both simulated and authentic environments to develop skills that support post-secondary outcomes. The AIMS program does not follow a traditional 7-hour school day. Each participant has an individualized schedule based on their IEP and transition needs, as determined by the ARD committee.

Career and Technical Education

Agriculture, Food, and Natural Resources: Plant Science

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Agriculture, Food, and Natural Resources	1.0	1	9 – 12	None
Floral Design	1.0	1	9 – 12	None
Advanced Floral Design	2.0	1	11 – 12	Floral Design
Plant Science I Dual Credit: Greenhouse Operations & Production and Agricultural Laboratory/Field Experience	2.0	2	11 – 12	Principles of Agriculture, Food, and Natural Resources
Plant Science II Dual Credit: Horticultural Science and Advanced Plant & Soil Science	2.0	2	12	Plant Science I Dual Credit

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Agriculture, Food, and Natural Resources

Local Code: 5211
State Code: 13000200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course is designed to prepare students for careers in agriculture, food, and natural resources, and introduces the fundamentals of global agriculture.

Floral Design

Local Code: 5295
State Code: 13001800
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course introduces students to the basic techniques of floral design. It is project based, with a variety of large and small assignments used to assess student progress. The curriculum includes hands-on activities and industry-relevant techniques commonly used in the floral design field. This course also fulfills a fine arts graduation requirement.

Advanced Floral Design: Floral Design/Agricultural Laboratory & Field Experience

Local Code: 5296
State Code: 13001810
Grade Placement: 11 – 12
Prerequisite: Floral Design
Credit: 2.0
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 events 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.

Plant Science I Dual Credit: Greenhouse Operations & Production/Agricultural Lab & Field Experience

Local Code: 5263
State Code: 13002060
Grade Placement: 11 – 12
Prerequisite: Principles of Agriculture, Food, and Natural Resources; TCC Admission Standards
Credit: 2.0
Site: TCC Northwest Campus
This course is designed to help students develop an understanding of common horticulture management practices related to food and ornamental plant production.

Plant Science II Dual Credit: Horticultural Science and Advanced Plant & Soil Science

Local Code: 5261/5262
State Code: 13002000/13002100
Grade Placement: 12
Prerequisite: Plant Science I; TCC Admission Standards
Credit: 2.0
Site: TCC Northwest Campus
This course is designed to help students develop an understanding of common horticulture management practices related to food and ornamental plant production, while preparing them for careers in plant and soil sciences. Students will gain both academic and technical knowledge applicable to workplace settings in this field. Upon successful completion of the following TCC dual credit courses—Greenhouse Operations, Agricultural Lab and Field Experience, Horticulture, and Advanced Plant and Soil—students will be qualified through TCC to sit for the Texas Department of Agriculture Pesticide Applicator License exam.

Agriculture, Food, and Natural Resources: Veterinary Science

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Agriculture, Food, and Natural Resources	1.0	1	9 – 12	None
Equine Science	0.5	1	10 – 12	Principles of Agriculture, Food, and Natural Resources
Small Animal Management	0.5	1	10 – 12	Principles of Agriculture, Food, and Natural Resources
Livestock and Poultry Production	1.0	1	10 – 12	Principles of Agriculture, Food, and Natural Resources
Veterinary Science: Veterinary Science and Advanced Animal Science	2.0	1	11 – 12	Equine Science/Small Animal Management/Livestock and Poultry Production
Practicum in Agriculture, Food, and Natural Resources: Veterinary Science	2.0	1	12	Veterinary Science: Veterinary Science and Advanced Animal Science

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Agriculture, Food, and Natural Resources

Local Code: 5211
State Code: 13000200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course is designed to prepare students for careers in agriculture, food, and natural resources, and introduces the fundamentals of global agriculture.

Equine Science

Local Code: 5240
State Code: 13000500
Grade Placement: 10 – 12
Prerequisite: Principles of Agriculture, Food, and Natural Resources
Credit: 0.5
This course develops students' knowledge and skills related to the selection, nutrition, reproduction, health, and management of horses, donkeys, and mules.

Small Animal Management

Local Code: 5234
State Code: 13000400
Grade Placement: 10 – 12
Prerequisite: Principles of Agriculture, Food, and Natural Resources
Credit: 0.5
This course prepares students for careers in the field of animal science by emphasizing the responsible care and management of various small animals. Students will learn safe practices and techniques for working with small animals, gaining both practical skills and foundational knowledge essential for the industry.

Livestock and Poultry Production

Local Code: 5231
State Code: 13000300
Grade Placement: 10 – 12
Prerequisite: Principles of Agriculture, Food, and Natural Resources
Credit: 1.0
This course is designed to prepare students for careers in the field of animal science. Animal species covered may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

Veterinary Science: Veterinary Science and Advanced Animal Science

Local Code: 5241/5242/5242T
State Code: 13000600/13000700
Grade Placement: 11 – 12
Prerequisite: Equine Science, Small Animal Management, or Livestock and Poultry Production
Credit: 2.0
Site: HCTC
This course covers topics related to veterinary practices for both large and small animal species. Students will gain knowledge and skills in career opportunities, entry requirements, and industry expectations. They will also explore the connections between human, scientific, and technological aspects of livestock production. Through field and laboratory experiences, students will apply scientific and technological principles of animal science. During the spring semester, students may choose to earn dual enrollment college credit through Tarleton Today. The spring semester does count toward as 3rd or 4th credit to meet the graduation requirement for science.

Practicum in Agriculture, Food, and Natural Resources: Veterinary Science

Local Code: 5243
State Code: 13002500
Grade Placement: 12
Prerequisite: Veterinary Science: Veterinary Science and Advanced Animal Science
Credit: 2.0
Site HCTC/Practicum Site
This course is designed to provide students with supervised, hands-on experience in applying the knowledge and skills necessary to take the Certified Veterinary Assistant exam. Students will train both in the classroom and at animal clinics to prepare for certification. They will demonstrate professional dress and appearance, interpersonal communication, and technical skills at their practicum sites. Students are responsible for providing their own transportation to practicum locations. *16 years old minimum, provide own transportation to outside cooperating entity.

Agriculture, Food, and Natural Resources: Welding

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Introduction to Agricultural Welding	1.0	1	9 – 12	None
Agricultural Welding I	2.0	1	11 – 12	Introduction to Agricultural Welding
Agricultural Welding II	2.0	1	12	Agricultural Welding I

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Introduction to Agricultural Welding: Agricultural Mechanics and Metal Technologies

Local Code: 5212
State Code: 13002200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course introduces students to welding technology with a focus on basic laboratory principles and operating procedures. Students will learn the three primary welding processes and explore topics such as industrial safety and health practices, the use of hand and power tools, measurement techniques, welding power sources, career opportunities in welding, and an introduction to welding codes and standards. The course emphasizes the integration of academic and technical skills. Successful completion of the 10-hour Occupational Safety and Health Administration (OSHA) Manufacturing Training Exam is a required prerequisite for continuing in the course. Students who do not pass the exam by the end of the first six weeks will be removed from the course and placed in another elective.

Agricultural Welding I: Agricultural Structures Design & Fabrication and Agricultural Equipment Design & Fabrication

Local Code: 5213/5214
State Code: 1300023000/13002350
Grade Placement: 11 – 12
Prerequisite: Introduction to Agricultural Welding
Credit: 2.0
Site: HCTC
Welding equips students with the knowledge, skills, and technologies required for employment in metal fabrication and related systems. Students will develop and apply welding techniques as part of their personal and career development. This course promotes the integration of academic and technical skills and prepares students for the American Welding Society Level 1 Certification.

Agricultural Welding II: Practicum in Agriculture, Food, and natural Resources

Local Code: 5216
State Code: 13002500
Grade Placement: 12
Prerequisite: Agricultural Welding I
Credit: 2.0
Site: HCTC
Agricultural Welding II builds upon the knowledge and skills developed in Welding I, advancing students' expertise in welding techniques with a focus on personal and career development. This course prepares students for the American Welding Society Level 2 Certification, equipping them with industry-relevant competencies for agricultural and welding-related careers.

Architecture and Construction: Electrical Technology

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Construction	1.0	1	9 – 12	None
Electrical Technology I	2.0	1	11 – 12	Principes of Construction
Electrical Technology II	2.0	1	12	Electrical Technology I

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Construction

Local Code: 5564
State Code: 13004220
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course provides an introduction for students interested in construction or skilled trades. Emphasis is placed on construction safety and the proper use of hand and power tools. The course also focuses on developing communication and employability skills essential for securing jobs in the industry. Successful completion of the 10-hour Occupational Safety and Health Administration (OSHA) Construction Training exam is a required prerequisite for continuing in the course. Students who do not pass the exam by the end of the first six weeks will be removed from the course and placed in another elective.

Electrical Technology I: Principles of Architecture and Electrical Technology I

Local Code: 5561/5565
State Code: 13004210/13005600
Grade Placement: 11 – 12
Prerequisite: Principles of Construction
Credit: 2.0
Site: HCTC
Students will follow the Independent Electrical Contractors (IEC) curriculum of Fort Worth/Tarrant County, gaining knowledge and skills in safety, electrical theory, tools, codes, and the installation of electrical equipment. Topics include alternating and direct current motors, conductor installation, electrical service setup, and lighting installation. Upon successful completion, students will earn their first-year Electrical Apprentice Certification and receive 148 hours of classroom instruction toward the IEC four-year apprenticeship program.

Electrical Technology II

Local Code: 5566
State Code: 13005700
Grade Placement: 12
Prerequisite: Electrical Technology I
Credit: 2.0
Site: HCTC
Students will follow the Independent Electrical Contractors (IEC) curriculum of Fort Worth/Tarrant County, gaining knowledge and skills in safety, electrical theory, tools, codes, and the installation of electrical equipment. Topics include alternating and direct current motors, conductor installation, electrical service setup, and lighting installation. Upon successful completion, students will earn their first-year Electrical Apprentice Certification and receive 148 hours of classroom instruction toward the IEC four-year apprenticeship program.

Arts, A/V Technology, and Communication: Animation

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Digital Media	1.0	1	9 – 12	None
Animation & Video Game Design	2.0	1	10 – 12	Digital Media
Advanced Animation	2.0	1	11 – 12	Animation & Video Game Design
Practicum in Entrepreneurship: Animation	2.0	1	12	Advanced Animation

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Digital Media

Local Code: 5041
State Code: 13027800
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
In this course, students will analyze and evaluate current and emerging technologies while designing and developing multimedia projects that address customer needs and solve real-world problems. They will also apply personal and interpersonal skills to prepare for success in a rapidly evolving workplace environment.

Animation and Video Game Design

Local Code: 5042/5043
State Code: 13008300/13009970
Grade Placement: 10 – 12
Prerequisite: Digital Media
Credit: 2.0
Site: HCTC
Do you love to draw and create art? Are you inspired by Pixar movies and console video games? The animation program at the Hollenstein Career and Technology Center is the perfect place for talented artists and storytellers to jump-start their college or professional careers. You'll begin by learning traditional animation techniques using digital tablets and professional software, then advance to 3D modeling and animation with 88 the same tools used in major film and game studios. You can even earn certifications in Adobe and Autodesk programs, giving your résumé a competitive edge after graduation. Enroll in animation and get ready to create!

Advanced Animation: Animation II/Animation Lab

Local Code: 5086
State Code: 13008410
Grade Placement: 11 – 12
Prerequisite: Animation and Video Game Design
Credit: 2.0
Site: HCTC
Do you love to draw and create art? Are you inspired by Pixar movies and console video games? The animation program at the Hollenstein Career and Technology Center is the ideal place for talented artists and storytellers to jump-start their college or professional careers. You'll begin by learning traditional animation techniques using digital tablets and professional software, then progress to 3D modeling and animation with the same tools used in major film and game studios. You can even earn certifications in Adobe and Autodesk programs, giving your résumé a competitive edge after graduation. Enroll in animation and get ready to bring your creations to life!

Practicum in Entrepreneurship – Animation

Local Code: 5089
State Code: 13011111
Grade Placement: 12
Prerequisite: Advanced Animation
Credit: 2.0
Site: HCTC

This course builds upon the concepts and skills developed in Animation II advancing students' technical knowledge and professional skills. Students apply preproduction, production, and post-production techniques to create professional-quality animation products while developing a deeper understanding of industry standards and expectations. Students apply their animation skills to real-world projects and industry opportunities. Learning experiences emphasize creativity, problem-solving, communication, and the development of animation products that meet client and industry needs. Students develop professional relationships and gain experience creating animation products in a professional environment. When possible, students are encouraged to partner with local business owners or employers to strengthen their professional networks and gain relevant work-based learning experience. Through hands-on projects and industry-focused experiences, students develop the personal, interpersonal, and technical skills necessary to transition successfully into the workforce or pursue postsecondary education.

Arts, A/V Technology, and Communication: Audio/Video Production

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Audio/Video Production	1.0	1	9 – 12	None
Audio/Video Production I	2.0	1	10 – 12	Principles of A/V Production
Advanced Audio Production	2.0	1	11 – 12	Audio/Video Production I
Advanced Video Production	2.0	1	11 – 12	Audio/Video Production I
Practicum in Entrepreneurship: Audio Visual	2.0	1	12	Advanced Video Production

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Audio/Video Production

Local Code: 5078
State Code: 13008200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
In the Principles of Audio/Video Production course, students will develop foundational skills in audio and video production. Through both team-based and individual projects, they will enhance their technical knowledge while also improving communication, interpersonal, and presentation skills.

Audio/Video Production I

Local Code: 5081
State Code: 13008510
Grade Placement: 10 – 12
Prerequisite: Principles of Audio/Video Production
Credit: 2.0
Site: HCTC
Students will learn the technology and techniques needed to create and manage professional-level video presentations. The course emphasizes all stages of production: pre-production (including scriptwriting, storyboarding, shot planning, and tool selection), production (covering cameras, lighting, sets, and direction), and post-production (such as editing, master creation, and delivery). Students will use short documentaries and hands-on exercises to build and demonstrate mastery.

Advanced Audio Production: Digital Audio Technology I & II

Local Code: 5083/5084
State Code: 13009950/13009960
Grade Placement: 11 – 12
Prerequisite: Audio/Video Production I
Credit: 2.0
Site: HCTC
Digital Audio Technology is designed for students interested in audio production careers, including audio for radio and television broadcasting, video and film, animation and game design, music production, and live sound. The course provides opportunities to develop a wide range of relevant skills.

Advanced Video Production: A/V Production II & Lab

Local Code: 5082
State Code: 13008610
Grade Placement: 11 – 12
Prerequisite: Audio/Video Production I
Credit: 2.0
Site: HCTC
In addition to developing advanced knowledge and skills essential for success in the Arts, Audio/Video Technology, and Communications career cluster, students will gain a deeper understanding of the industry, with emphasis on pre-production, production, and post-production activities in audio and video.

Practicum in Entrepreneurship – Audio Visual

Local Code: 5080
State Code: 13011111
Grade Placement: 12
Prerequisite: Advanced Video Production
Credit: 2.0
Site: HCTC
This course builds upon the concepts and skills developed in Audio/Video Production II and its corequisite lab, advancing students' technical knowledge and professional skills in the Arts, Audio/Video Technology, and Communications career cluster. Students apply preproduction, production, and post-production techniques to create professional-quality audio and video products while developing a deeper understanding of industry standards and expectations. Students apply their audio/video production skills to real-world business opportunities and challenges. Learning experiences emphasize creativity, problem-solving, communication, and the development of products and services that meet client and industry needs. Students develop professional relationships and gain experience creating audio and video products in a professional environment. When possible, students are encouraged to partner with local business owners or employers in their program of study to strengthen their professional networks and gain relevant work-based learning experience. Through hands-on projects and industry-focused experiences, students develop the personal, interpersonal, and technical skills necessary to transition successfully into the workforce or pursue postsecondary education.

Arts, A/V Technology, and Communication: Video Game Design

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Digital Media	1.0	1	9 – 12	None
Animation & Video Game Design	2.0	1	10 – 12	Digital Media
Advanced Video Game Design	2.0	1	11 – 12	Animation & Video Game Design
Practicum in Entrepreneurship: Video Game	2.0	1	12	Advanced Video Game Design

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Digital Media

Local Code: 5041
State Code: 13027800
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
In this course, students will analyze and evaluate current and emerging technologies while designing and developing multimedia projects that address customer needs and solve real-world problems. They will also apply personal and interpersonal skills to prepare for success in a rapidly evolving workplace environment.

Animation and Video Game Design

Local Code: 5042/5043
State Code: 13008300/13009970
Grade Placement: 10 – 12
Prerequisite: Digital Media
Credit: 2.0
Site: HCTC
Do you love to draw and create art? Are you inspired by Pixar movies and console video games? The animation program at the Hollenstein Career and Technology Center is the perfect place for talented artists and storytellers to jump-start their college or professional careers. You'll begin by learning traditional animation techniques using digital tablets and professional software, then advance to 3D modeling and animation with 88 the same tools used in major film and game studios. You can even earn certifications in Adobe and Autodesk programs, giving your résumé a competitive edge after graduation. Enroll in animation and get ready to create!

Advanced Video Game Design: Digital Arts & Animation and 3-D Modeling & Animation

Local Code: 5044/5045
State Code: 03580500/03580510
Grade Placement: 11 – 12
Prerequisite: Animation and Video Game Design
Credit: 2.0
Site: HCTC
Advanced Video Game Design 1 introduces students to computer-generated imagery within a virtual three-dimensional (3D) environment. Advanced Video Game Design 2 explores applications across various career fields, including criminal justice, crime scene investigation, legal processes, construction, architecture, engineering, design, and the film and gaming industries. Students will create 3D models of real-world objects while developing skills across six key strands: creativity and innovation; communication and collaboration; research and information fluency; critical thinking, problem solving, and decision making; digital citizenship; and technology operations and concepts.

Practicum in Entrepreneurship – Video Game

Local Code: 5046
State Code: 13011111
Grade Placement: 12
Prerequisite: Advanced Video Game Design
Credit: 2.0
Site: HCTC

This course builds upon the concepts and skills developed in Video Game Design II, advancing students' technical knowledge and professional skills. Students apply preproduction, production, and post-production techniques to develop and refine video game products while gaining a deeper understanding of industry standards and expectations. Students apply their video game design skills to real-world projects and industry opportunities. Learning experiences emphasize creativity, problem-solving, communication, and the development of video games that meet user and industry needs. Students develop professional relationships and gain experience creating and refining video game products in a professional environment. When possible, students are encouraged to partner with local business owners or employers to strengthen their professional networks and gain relevant work-based learning experience. Through hands-on projects and industry-focused experiences, students develop the personal, interpersonal, and technical skills necessary to transition successfully into the workforce or pursue postsecondary education.

Business, Marketing, and Finance: Advertising and Marketing

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Foundation of Business Communications and Technologies	1.0	1	9 – 12	None
Principles of Business, Marketing, and Finance	1.0	1	9 – 12	None
Marketing	1.0	1	10 – 12	Principles of Business, Marketing, and Finance
Sports & Entertainment Marketing	0.5	1	10 – 12	Principles of Business, Marketing, and Finance
Sports & Entertainment Marketing II	0.5	1	10 – 12	Sports & Entertainment Marketing I
Advertising	0.5	1	10 – 12	Principles of Business, Marketing, and Finance
Social Media Marketing	0.5	1	10 – 12	Principles of Business, Marketing, and Finance
Entrepreneurship	1.0	1	11 – 12	Principles of Business, Marketing, and Finance; and Foundations of Business Communications and Technologies

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Foundations of Business Communications and Technology

Local Code: 5141
State Code: 13011400
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course develops technology skills applicable to both personal and professional contexts. The course focuses on word processing, spreadsheets, databases, telecommunications, desktop publishing, presentation management, networking, operating systems, and emerging technologies, while also building intermediate level proficiency.

Principes of Business, Marketing, and Finance

Local Code: 5111
State Code: 13011200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This introductory course provides students with foundational knowledge and skills in economic systems and private enterprise, the impact of global business, marketing of goods and services, advertising strategies, and product pricing. Students will also analyze the sales process and explore principles of financial management.

Marketing

Local Code: 5117
State Code: 13011131
Grade Placement: 10 – 12
Prerequisite: Principles of Business, Marketing, and Finance
Credit: 1.0
Marketing explores the seven core functions of marketing. Students will demonstrate their understanding of key marketing concepts through hands-on projects, including conducting research, developing a promotional plan, delivering a sales presentation, and introducing a new product or service idea.

Sports and Entertainment Marketing

Local Code: 5112
State Code: 13034650
Grade Placement: 10 – 12
Prerequisite: Principles of Business, Marketing, and Finance
Credit: 0.5
Sports and Entertainment Marketing is a unique and innovative course designed for students interested in the sports and entertainment industries. The course emphasizes the application of fundamental marketing concepts and provides an introduction to the structure and dynamics of these industries. Students will develop critical thinking, decision-making, and communication skills through real-world applications. They will be prepared to handle specific tasks related to both sports and entertainment marketing. This course offers students a competitive edge when pursuing marketing or sports management degrees at the collegiate level. Guest speakers, case studies, field trips, and computer-integrated activities are incorporated to enhance the learning experience.

Sports and Entertainment Marketing II

Local Code: 5115
State Code: N1303422
Grade Placement: 10 – 12
Prerequisite: Sports and Entertainment Marketing
Credit: 0.5
This advanced marketing course builds on students' prior knowledge of sports and entertainment marketing. Students will demonstrate a deep understanding of advanced marketing concepts and strategies as they apply to the sports and entertainment industries. Through the study of key components such as branding, sponsorships, and endorsements, students will develop promotional plans and create marketing materials for major industry events.

Advertising

Local Code: 5156
State Code: 13034200
Grade Placement: 10 – 12
Prerequisite: Principles of Business, Marketing, and Finance
Credit: 0.5
Advertising is designed as a comprehensive introduction to the principles and practices of the advertising industry. Students will gain an understanding of current advertising techniques, including those used in print and broadcast media. The course explores the social, ethical, and legal aspects of advertising, as well as its historical influences, strategic approaches, media decision-making processes, and integrated marketing communications. Students will also learn how various communication tools are used to reach target audiences and increase consumer awareness.

Social Media Marketing

Local Code: 5116
State Code: 13034650
Grade Placement: 10 – 12
Prerequisite: Principles of Business, Marketing, and Finance
Explore the rise of social media as a powerful marketing tool across all industries. Learn how effective marketing campaigns integrate social media tools to enhance overall strategy and drive results. Discover why leveraging social

media is a valuable skill for marketing professionals and how to apply these skills within the industry. You'll also learn how to use social media to build customer engagement and achieve marketing goals. The course covers how to select the right platforms to reach your target audience and how to monitor and measure the success of your marketing efforts.

Entrepreneurship

Local Code: 5113
State Code: 13011101
Grade Placement: 11 – 12
Prerequisite: Principles of Business, Marketing, & Finance; and Foundations of Business Communications & Technologies
Credit: 1.0
In this course, you will learn the foundational skills needed to plan and launch your own business. Do you have what it takes to start a business? Do you have an idea but need the tools to bring it to life? This course will provide you with the core knowledge and strategies to help you succeed. You will explore the characteristics of successful entrepreneurs and learn about self-employment, along with basic economic concepts related to small businesses, such as competition and production. The course will also guide you through the steps of starting a business, including developing a business plan, crafting a mission and vision, attracting investors, and marketing your company.

Business, Marketing, and Finance: Finance and Investing

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Foundation of Business Communications and Technologies	1.0	1	9 – 12	None
Principles of Business, Marketing, and Finance	1.0	1	9 – 12	None
Money Matters	1.0	1	9 – 12	None
Accounting I	1.0	1	10 – 12	Principles of Business, Marketing, and Finance
Stock Market Investing & Analysis	2.0	1	11 – 12	Money Matters; Algebra I
Business Investing & Management	2.0	1	11 – 12	Money Matters; Algebra I

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Foundations of Business Communications and Technology

Local Code: 5141
State Code: 13011400
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course develops technology skills applicable to both personal and professional contexts. The course focuses on word processing, spreadsheets, databases, telecommunications, desktop publishing, presentation management, networking, operating systems, and emerging technologies, while also building intermediate level proficiency.

Principes of Business, Marketing, and Finance

Local Code: 5111
State Code: 13011200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This introductory course provides students with foundational knowledge and skills in economic systems and private enterprise, the impact of global business, marketing of goods and services, advertising strategies, and product pricing. Students will also analyze the sales process and explore principles of financial management.

Money Matters

Local Code: 5152
State Code: 13016200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course is designed to provide students with a strong foundation in accounting principles. Students will learn how business transactions are recorded and how accountants use the double-entry system (debits and credits) to track these transactions. The curriculum then covers the complete accounting cycle, including recording transactions, preparing financial statements, and closing the books for small, single-owner service and merchandising businesses. This course also prepares students for post-secondary accounting studies.

Accounting I

Local Code: 5121
State Code: 13016600
Grade Placement: 10 – 12
Prerequisite: Principles of Business, Marketing, and Finance; Foundations of Business Communications and Technologies; or Money Matters
Credit: 1.0
This course is designed to provide students with a strong foundation in accounting principles. Students will learn how business transactions are recorded and how accountants use the double-entry system (debits and credits) to track these transactions. The curriculum then covers the complete accounting cycle, including recording transactions, preparing financial statements, and closing the books for small, single-owner service and merchandising businesses. This course also prepares students for post-secondary accounting studies.

Stock Market Investing & Analysis: Securities & Investments and Financial Analysis

Local Code: 5162/5163
State Code: 13016400/13016800
Grade Placement: 11 – 12
Prerequisite: Money Matters; Algebra I
Credit: 2.0
Site: HCTC
In this course, students will explore the laws and regulations that govern business operations and transactions within the securities industry. They will apply knowledge and technical skills across economic, financial, technological, international, social, and ethical aspects of business to become informed consumers, effective employees, and future entrepreneurs. Students will also develop analytical skills by evaluating the financial performance of multiple businesses, interpreting results for stakeholders, and presenting strategic recommendations for improvement.

Business Investing & Management: Financial Mathematics and Business Management

Local Code: 5164/5161
State Code: 13018000/13012100
Grade Placement: 11 – 12
Prerequisite: Money Matters; Algebra I
Credit: 2.0
Site: HCTC
Business Investing and Management equips students with the skills needed to make informed financial decisions in both personal and business contexts. Students will explore core business functions such as planning, organizing, leading, and effective collaboration. The course emphasizes managing financial resources and business operations to achieve success. Additionally, students will examine how these principles apply to stock market investing and financial analysis.

Education and Training

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Education & Training	1.0	1	9 – 12	None
Child Development	1.0	1	10 – 12	Principles of Human Services or Principles of Education & Training
Instructional Practices	2.0	1 or 2	10 – 12	Principles of Education & Training
Practicum in Education & Training I	2.0	1 or 2	11 – 12	Instructional Practices
Practicum in Education & Training II	2.0	1	12	Practicum in Education & Training I

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Education and Training

Local Code: 5331
State Code: 13014200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course introduces students to careers within the Education and Training career cluster, including teaching, coaching, program directing, training, educational counseling, and educational administration. Students will create an educational and career plan aligned with this pathway and begin developing a professional portfolio, which will be expanded throughout the Education and Training course sequence.

Child Development

Local Code: 5330
State Code: 13024700
Grade Placement: 10 – 12
Prerequisite: Principles of Education & Training or Principles of Human Services
Credit: 1.0
This course introduces students to the principles of child growth and development, from the prenatal stage through school-age children. It equips students with essential child development skills to support the healthy growth and well-being of children. Students will apply these skills while exploring careers related to child care and education.

Instructional Practices (Tarleton Today Option)

Local Code: 5332/5332T
State Code: 13014400
Grade Placement: 10 – 12
Prerequisite: Principles of Education and Training
Credit: 2.0
Site: HCTC
In this course, students will develop the knowledge, skills, and experiences needed to pursue careers within the Education and Training career cluster. Topics may include child development theories, learning activities, program management, curriculum planning, teaching strategies, and leadership development. Students gain hands-on experience through field placements at partner schools during assigned class time. Placement rotations allow students to explore a variety of educational roles, grade levels, subject areas, and student ability groups. Throughout the course sequence, students will continue building a professional career portfolio. A uniform fee of no more than $25.00 may apply. Students may also choose to earn dual enrollment college credit through Tarleton Today.

Practicum in Education and Training I (Tarleton Today Option)

Local Code: 5333/5333T
State Code: 13014500
Grade Placement: 11 – 12
Prerequisite: Instructional Practices; Provide Own Transportation
Credit: 2.0
Site: HCTC and Elementary/Middle School Assignment
Students are assigned to a field-based internship that provides the opportunity to apply knowledge and skills gained in previous courses within an assigned elementary or middle school classroom. They will plan and deliver instruction and work collaboratively with their assigned teacher four days a week. A uniform fee of no more than $25.00 may apply. Students may also choose to earn dual enrollment college credit through Tarleton Today.

Practicum in Education and Training II

Local Code: 5334
State Code: 13014510
Grade Placement: 12
Prerequisite: Practicum in Education and Training I; Provide Own Transportation
Credit: 2.0
Site: HCTC and Elementary/Middle School Assignment
This is the final course in the Education and Training career cluster and serves as an extension of the Practicum in Education and Training I course. Students are assigned to a year-long, field-based internship where they will apply the knowledge and skills gained in previous courses within an assigned elementary or middle school classroom. They will plan and deliver instruction, as well as collaborate with their assigned teacher four days a week. A uniform fee of no more than $25.00 may apply.

Health Science: Biomedical Science

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Health Science	1.0	1	9 – 12	None
Medical Terminology	1.0	1	10 – 12	Principles of Health Science
Anatomy and Physiology	1.0	1	11 – 12	Biology, Chemistry or Physics
Accelerated Anatomy & Physiology	1.0	1	11 – 12	Biology, Chemistry or Physics
Tarleton Today Anatomy & Physiology	1.0	1	11 – 12	Biology, Chemistry or Physics
Pathophysiology	1.0	1	11 – 12	Biology, Chemistry
Biomedical Research	2.0	1	11 – 12	Principles of Health Science, Biology, Chemistry

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Health Science

Local Code: 5861
State Code: 13020200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course provides an overview of the five pathways within the healthcare industry: therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. To pursue a career in health science, students will develop critical thinking, problem-solving, and effective communication skills. The course emphasizes how these five pathways function both independently and collaboratively to deliver quality healthcare.

Medical Terminology

Local Code: 5811
State Code: 13020300
Grade Placement: 10 – 12
Prerequisite: Principles of Health Science
Credit: 1.0
This course introduces students to medical terminology, including prefixes, suffixes, word roots, combining forms, singular and plural forms, medical abbreviations, and acronyms. Students will develop a strong understanding of medical vocabulary related to medical procedures, human anatomy and physiology, and pathophysiology.

Anatomy and Physiology

Local Code: 1371/1371C/1371I/1371X
State Code: 13020600
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry or Physics
Credit: 1.0
Anatomy and Physiology is a comprehensive study of the structures and functions of the human body. The course includes dissections and an in-depth examination of the organization of organs and organ systems. Students will apply critical thinking and scientific problem-solving skills as they conduct laboratory investigations. This course fulfills one science credit required for graduation.

Accelerated Anatomy and Physiology

Local Code: 1372
State Code: 13020600
Prerequisite: Biology, Chemistry or Physics
Credit: 1.0
Site: HCTC
Anatomy and Physiology is a comprehensive study of the structures and functions of the human body. The course includes dissections and an in-depth exploration of the organization of organs and organ systems. Students will apply critical thinking and scientific problem-solving skills as they conduct laboratory investigations. This course fulfills one science credit required for graduation. This course meets for two periods per day, allowing students to complete the year-long curriculum in one semester.

Tarleton Today Anatomy and Physiology

Local Code: 1371T
State Code: 13020600
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry or Physics
Credit: 1.0
Tarleton Today Anatomy and Physiology is a rigorous dual credit course that integrates high school Anatomy and Physiology with Tarleton State University's BIOL 2401 Anatomy and Physiology and associated laboratory experiences. Students study the structure and function of the human body with an emphasis on the skeletal, muscular, and nervous systems while exploring the physiological processes that maintain human health. Through laboratory investigations, dissections, microscopic observations, data analysis, and scientific inquiry, students develop critical thinking and problem-solving skills while applying biological concepts to real-world situations. As a dual credit course, students are expected to demonstrate college-level responsibility, independent learning, and strong study habits while earning high school science credit and the opportunity for college credit.

Pathophysiology

Local Code: 5851
State Code: 13020800
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry
Credit: 1.0
In this course, students will engage in laboratory investigations and fieldwork, apply scientific methods, and make informed decisions using critical thinking and problem-solving skills. The curriculum focuses on understanding disease processes and their effects on the human body, with an emphasis on disease prevention and treatment. Students will also learn to distinguish between normal and abnormal physiological functions. This course fulfills one science credit required for graduation. This course does not meet NCAA requirements for science credit.

Biomedical Research: Medical Microbiology and Biotechnology

Local Code: 5841/5842
State Code: 13020700/13036400
Grade Placement: 11 – 12
Prerequisite: Principles of Health Science, Biology, Chemistry
Credit: 2.0
Site: HCTC
In this course, students will apply advanced academic knowledge and skills to emerging fields within biomedical research, including agricultural, medical, regulatory, and forensic sciences. They will conduct laboratory investigations, apply scientific methods, and make informed decisions using critical thinking and scientific problem-solving. Topics of study include cell functions, nucleic acids, proteins, genetics, and the microbial world. Students will also explore both pathogenic and non-pathogenic microorganisms, drug-resistant microbes, and emerging diseases. Students will earn one credit in Medical Microbiology and one credit in Biotechnology I. This course may fulfill two science credits but does not meet NCAA requirements for a science credit.

Health Science: Diagnostic and Therapeutic Services

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Health Science	1.0	1	9 – 12	None
Medical Terminology	1.0	1	10 – 12	Principles of Health Science
Sports Medicine	2.0	1	11 – 12	Principles of Health Science, Medical Terminology or Anatomy & Physiology
Patient Care Technician	2.0	1	12	Principles of Health Science, Medical Terminology or Anatomy & Physiology
Emergency Medical Responder Dual Credit	2.0	2	12	Principles of Health Science, Medical Terminology or Anatomy & Physiology, TCC Admissions Standards
Pharmacy Technician	2.0	1	12	Principles of Health Science, Chemistry, Advanced Math Course

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Health Science

Local Code: 5861
State Code: 13020200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course provides an overview of the five pathways within the healthcare industry: therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. To pursue a career in health science, students will develop critical thinking, problem-solving, and effective communication skills. The course emphasizes how these five pathways function both independently and collaboratively to deliver quality healthcare.

Medical Terminology

Local Code: 5811
State Code: 13020300
Grade Placement: 10 – 12
Prerequisite: Principles of Health Science
Credit: 1.0
This course introduces students to medical terminology, including prefixes, suffixes, word roots, combining forms, singular and plural forms, medical abbreviations, and acronyms. Students will develop a strong understanding of medical vocabulary related to medical procedures, human anatomy and physiology, and pathophysiology.

Sports Medicine: Health Science Theory or Practicum in Health Science

Local Code: 5872/5866
State Code: 13020410/13020500
Grade Placement: 11 – 12
Prerequisite: Principles of Health Science, Medical Terminology or Anatomy & Physiology
Credit: 2.0
Site: HCTC
This course is designed to teach students the prevention, recognition, treatment, and rehabilitation of athletic injuries and illnesses. Students will also learn various techniques including taping, bracing, splinting, and First Aid/CPR.

Patient Care Technician (PCT): Health Science Theory or Practicum in Health Science

Local Code: 5868/5863
State Code: 13020410/13020500
Grade Placement: 11 – 12
Prerequisite: Principles of Health Science, Medical Terminology or Anatomy & Physiology
Credit: 2.0
Site: HCTC
The Patient Care Technician (PCT) program prepares students to work alongside doctors, nurses, and other healthcare professionals to provide direct patient care in a variety of clinical settings. Throughout the program, students will develop a broad range of skills and knowledge necessary for high-quality patient assessment and care. These skills include patient comfort and safety, electrocardiography (EKGs), lab sample collection, and phlebotomy (blood draws). Students enrolled in the PCT program are required to take the PCT certification exam and must sit for two of the three certification exams offered through the course. Scrubs and additional exam-related fees are required.

Emergency Medical Responder (EMR) Dual Credit: Health Science Theory or Practicum in Health Science

Local Code: 5869/5864
State Code: 13020410/13020500
Grade Placement: 11 – 12
Prerequisite: Principles of Health Science, Medical Terminology or Anatomy & Physiology, TCC Admission Standards
Credit: 2.0
Site: HCTC
The Emergency Medical Responder (EMR) course introduces students to the fundamentals of emergency prehospital care. Students will learn to identify normal anatomical conditions to better recognize abnormalities in sick or injured individuals. The course challenges students to think critically, respond quickly, and develop strong leadership and teamwork skills. Upon successful completion of the classroom (didactic) portion, the top 15 students—selected based on grades, attendance, and behavior—will have the opportunity to enroll in the Tarrant County College (TCC) spring clinical portion. This includes ride-along with 911 emergency response units and shifts in hospital emergency departments. Students who complete the full course and are at least 18 years old upon graduation will be eligible to take the National Registry Exam to become certified Emergency Medical Responders (EMRs). Note: Students must be enrolled in TCC for this course. The required textbook costs approximately $150.

Pharmacy Technician: Health Science Theory or Practicum in Health Science

Local Code: 5870/5865
State Code: 13020410/13020500
Grade Placement: 11 – 12
Prerequisite: Principles of Health Science, Medical Terminology or Anatomy & Physiology
Credit: 2.0
Site: HCTC
The Pharmacy Technician program is designed to equip students with the knowledge, technical skills, and professional habits needed for entry-level positions in the pharmacy field or related areas. The course encourages active participation through group discussions, projects, laboratory work, simulations, demonstrations, field trips, guest speakers, and lectures. Emphasis is placed on ethics, accountability, professionalism, and a commitment to lifelong personal and professional development. Upon successful completion, students are eligible to take the Pharmacy Technician Certification Exam (PTCE) to become Certified Pharmacy Technicians. This course is especially beneficial for students interested in careers such as Pharmacy Technician, Pharmacist, Clinical Researcher, Pharmaceutical Sales Representative, or other pharmacology-related professions.

Hospitality and Tourism: Culinary Arts

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Introduction to Culinary Arts	1.0	1	9 – 12	None
Culinary Arts (Dual Credit Option)	2.0	1 or 2	10 – 12	Introduction to Culinary Arts
Advanced Culinary Arts (Dual Credit Option)	2.0	1 or 2	11 – 12	Culinary Arts
Practicum in Culinary Arts	2.0	1	12	Advanced Culinary Arts

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Introduction to Culinary Arts

Local Code: 5375
State Code: 13022550
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course introduces students to the food service industry, with a focus on the fundamentals of planning, organizing, staffing, directing, and controlling various food service operations. Additional emphasis is placed on teamwork and exploring career opportunities within the industry.

Culinary Arts (Dual Credit Option)

Local Code: 5374/5374D
State Code: 13022600
Grade Placement: 10 – 12
Prerequisite: Introduction to Culinary Arts; TCC Admissions Standards for Dual Credit
Credit: 2.0
Site: HCTC
Culinary Arts begins with the fundamentals and principles of cooking and the science of baking. The course includes instruction in hospitality management, production skills, and an introduction to the history of the culinary arts. Students learn basic techniques used in professional kitchens and practice “from scratch” cooking. They will also work toward earning both Texas and national certifications in safety and sanitation— essential credentials for employment in any professional kitchen. The program emphasizes a strong foundation in work ethic, professionalism, and teamwork to support students' continued growth in the field.

Advanced Culinary Arts (Dual Credit Option)

Local Code: 5376/5376D
State Code: 13022650
Grade Placement: 11 – 12
Prerequisite: Culinary Arts; TCC Admission Standards for Dual Credit
Credit: 2.0
Site: HCTC
Advanced Culinary Arts builds on foundational culinary knowledge with a focus on advanced techniques and banquet-style production. Students will engage in real-world simulations and gain business insight through experiences with The Bistro and on-site catering events. Emphasis is placed on teamwork, planning, and preparation—key components for success in the culinary industry.

Practicum in Culinary Arts

Local Code: 5377
State Code: 13022700
Grade Placement: 12
Prerequisite: Advanced Culinary Arts
Credit: 2.0
Site: HCTC/Job Site
Students will gain hands-on experience in the culinary industry while being mentored by industry professionals and their instructor. Students must provide their own transportation to job sites. Uniforms may be required, depending on the specific requirements of each location.

Human Services: Family and Community Services

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Human Services	1.0	1	9 – 12	None
Interpersonal Studies	0.5	1	9 – 12	Principles of Human Services
Dollars and Sense	0.5	1	9 – 12	Principles of Human Services
Child Development	1.0	1	10 – 12	Principles of Human Services or Principles of Education & Training
Counseling & Mental Health	1.0	1	11 – 12	Principles of Human Services

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Human Services

Local Code: 5371
State Code: 13024200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course allows students to explore careers within the Human Services career cluster, including counseling and mental health, early childhood development, family and community services, and personal care services.

Interpersonal Studies

Local Code: 5405
State Code: 13024400
Grade Placement: 9 – 12
Prerequisite: Principles of Human Services
Credit: 0.5
This course examines how relationships between individuals and among family members significantly impact quality of life. Students will apply knowledge and skills in family studies and human development to enhance personal growth, foster healthy relationships, promote family wellness, manage multiple adult roles, and explore careers in counseling and mental health services.

Dollars and Sense

Local Code: 5139
State Code: 13024300
Grade Placement: 9 – 12
Prerequisite: Principles of Human Services
Credit : 0.5
Dollars and Sense focuses on consumer practices and responsibilities, money management strategies, decision-making skills, the impact of technology, and preparation for careers in human services.

Child Development

Local Code: 5330
State Code: 13024700
Grade Placement: 10 – 12
Prerequisite: Principles of Education & Training or Principles of Human Services
Credit: 1.0
This course introduces students to the principles of child growth and development, from the prenatal stage through school-age children. It equips students with essential child development skills to support the healthy growth and well-being of children. Students will apply these skills while exploring careers related to child care and education.

Counseling and Mental Health

Local Code: 5281
State Code: 13024600
Grade Placement: 11 – 12
Prerequisite: Principles of Human Services
Credit: 1.0
This course is designed to help students develop the knowledge and skills necessary to pursue a career in counseling and mental health through simulated environments. Course content focuses on career opportunities in the field, effective communication techniques, characteristics of various mental illnesses, and the use of technology in professional practice. Students are expected to apply their understanding of ethical and legal responsibilities, recognize professional limitations, and consider the implications of their actions.

Human Services: Cosmetology

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Cosmetology I	3.0	1	11	Provide Own Transportation
Cosmetology II	3.0	1	12	Cosmetology I; Provide Own Transportation

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Cosmetology I: Introduction to Cosmetology and Cosmetology I

Local Code: 5618/5619
State Code: 13025100/13025200
Grade Placement: 11
Prerequisite: Provide Own Transportation; Supply and Texas Department of Licensing and Regulation fees
Credit: 3.0
Site: HCTC
This two-year licensing program provides students with career-specific training for entry-level employment in cosmetology. Instruction includes hair coloring, cutting, shampooing, styling, makeup application, facials, permanent waving, chemical relaxing, manicures, and pedicures—all while adhering to state safety and sanitation requirements.

Cosmetology II

Local Code: 5621
State Code: 13025310
Grade Placement: 12
Prerequisite: Cosmetology I; Provide Own Transportation; Lab and State Exam fee
Credit: 3.0
Site: HCTC
In the second year of the program, students continue developing the knowledge and skills necessary for a career in cosmetology and preparation for the Texas State Board of Cosmetology Licensing Exam. Students are required to sit for the state certification exam to complete the course.

Information Technology: Networking and Cybersecurity

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Information Technology	1.0	1	9 – 12	None
Networking and Security with Lab (Dual Credit Option)	2.0	1 or 2	10 – 12	Principles of Information Technology
Cybersecurity (Dual Credit Option)	2.0	1 or 2	11 – 12	Networking & Security with Lab

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Information Technology

Local Code: 5096
State Code: 13027200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
In this course, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. They will explore a variety of careers in information technology, such as Computer Technician, Software Engineer, and Network Administrator. Hands-on labs will include building a computer, installing Windows, and networking computers. In addition, students will learn essential interpersonal skills to prepare for a rapidly evolving workplace environment.

Networking and Security with Lab (Dual Credit Option)

Local Code: 5092/5092D
State Code: 13027410
Grade Placement: 10 – 12
Prerequisite: Principles of Information Technology; TCC Admission Standards for Dual Credit Option
Credit: 2.0
Site: HCTC
This course continues the study of networking technologies in a high-tech learning environment, providing students with the knowledge and hands-on experience needed to enter the workforce or pursue further education in the computer networking field. Students will work in a lab setting to prepare for industry certifications and will have the opportunity to shadow computer technicians at sites within the school district. Students must provide their own transportation to shadowing locations.

Cybersecurity I & II: Foundations of Cybersecurity and Cybersecurity Capstone (Dual Credit Option)

Local Code: 5061/5061D and 5062/5062D
State Code: 03580850/03580855
Grade Placement: 11 – 12
Prerequisite: Networking and Security with Lab; TCC Admission Standards for Dual Credit Option
Credit: 2.0
Site: HCTC
This course explores advanced concepts in cybersecurity, with a focus on ethics, laws, and operational practices. Students will examine current trends in cyberattacks, threats, and vulnerabilities, and will develop security policies to help mitigate risks. The skills gained in this course prepare students for further study and pursuit of industry certifications. A variety of cybersecurity courses are available to students interested in this field, and Cybersecurity Capstone may serve as the culminating course in the program of study.

Law and Public Service: Law Enforcement

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Law, Public Safety, Corrections, and Security	1.0	1	9 – 12	None
Law Enforcement I	1.0	1	10 – 12	Principles of Law, Public Safety, Corrections, and Security
Accelerated Forensic Science	1.0	1	11 – 12	Biology, Chemistry or Physics
Advanced Law Enforcement	2.0	1	12	Law Enforcement I

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Law, Public Safety, Corrections, and Security

Local Code: 5910
State Code: 13029200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course introduces students to careers in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and fire and emergency response agencies. The course provides an overview of essential knowledge and skills, including ethics, the origins of law, constitutionality, jurisdiction, courtroom procedures, and the responsibilities of first responders—preparing students for careers in law enforcement, fire services, security, and corrections.

Law Enforcement I

Local Code: 5913
State Code: 13029300
Grade Placement: 10 – 12
Prerequisite: Principles of Law, Public Safety, Corrections, and Security
Credit: 1.0
This course provides an overview of the history, organization, and functions of local, state, and federal law enforcement agencies. It covers the role of constitutional law, the structure of the U.S. legal system, criminal law, law enforcement terminology, and the classification and elements of crimes.

Accelerated Forensic Science

Local Code: 5911
State Code: 13029500
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry or Physics
Credit: 1.0
Site: HCTC
Forensic Science is a course that applies a structured, scientific approach to investigating crimes such as assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scenes, questioning and interviewing techniques, characteristics of criminal behavior, truth detection, and scientific methods used to solve crimes. This course meets for two periods per day, allowing students to complete the year-long curriculum in one semester. Forensic Science may be used to fulfill the fourth science credit requirement.

Advanced Law Enforcement: Law Enforcement II and Federal Law Enforcement & Protective Services

Local Code: 5914/5914L
State Code:13029400/13029800
Grade Placement: 12
Prerequisite: Law Enforcement I
Credit: 2.0
Site HCTC
Law Enforcement provides students with the knowledge and skills necessary to prepare for a career in public safety. The course covers ethical and legal responsibilities, the operation of police and emergency telecommunications equipment, and procedures for courtroom testimony. Students will also be prepared for multiple law enforcement certifications.

Law and Public Service: Legal Studies

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Law, Public Safety, Corrections, and Security	1.0	1	9 – 12	None
Courts I	2.0	1	10 – 12	Principles of Law, Public Safety, Corrections, and Security
Courts II	2.0	1	11 – 12	Courts I
Accelerated Forensic Science	1.0	1	11 – 12	Biology, Chemistry or Physics

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Law, Public Safety, Corrections, and Security

Local Code: 5910
State Code: 13029200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course introduces students to careers in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and fire and emergency response agencies. The course provides an overview of essential knowledge and skills, including ethics, the origins of law, constitutionality, jurisdiction, courtroom procedures, and the responsibilities of first responders—preparing students for careers in law enforcement, fire services, security, and corrections.

Courts I: Court Systems & Practices and Business Law

Local Code: 5915/5190
State Code: 13029600/13011700
Grade Placement: 10 – 12
Prerequisite: Principles of Law, Public Safety, Corrections, and Security
Credit: 2.0
Site: HCTC
This course provides an overview of the federal and state court systems. It examines the roles of judicial officers and outlines the trial process—from pretrial procedures through sentencing and appeals. Students will also study the types and rules of evidence. Emphasis is placed on trial advocacy and practical courtroom procedures.

Courts II: Legal Research & Writing and Advanced Legal Systems & Professions

Local Code: 5915L/5920
State Code: 13018610/N1303016
Grade Placement: 11 – 12
Prerequisite: Courts I
Credit: 2.0
Site: HCTC
Courts II provides students with a foundational understanding of the U.S. legal system. Building on prior instruction in constitutional law and the structure of American courts, this course offers insight into the practical application of legal principles, including civil and criminal procedures. Students will gain hands-on experience with various legal professions and develop an understanding of the attorney-client relationship, confidentiality, discovery, pretrial motions, jury selection, opening statements, direct and cross-examinations, proper use of objections, rules of evidence, and closing arguments.

Accelerated Forensic Science

Local Code: 5911
State Code: 13029500
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry or Physics
Credit: 1.0
Site: HCTC
Forensic Science is a course that applies a structured, scientific approach to investigating crimes such as assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scenes, questioning and interviewing techniques, characteristics of criminal behavior, truth detection, and scientific methods used to solve crimes. This course meets for two periods per day, allowing students to complete the year-long curriculum in one semester. Forensic Science may be used to fulfill the fourth science credit requirement.

Law and Public Services: Emergency Services (Fire Technology/EMR)

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Law, Public Safety, Corrections, and Security	1.0	1	9 – 12	None
Anatomy and Physiology	1.0	1	11 – 12	Biology, Chemistry or Physics
Accelerated Anatomy & Physiology	1.0	1	11 – 12	Biology, Chemistry or Physics
Tarleton Today Anatomy & Physiology	1.0	1	11 – 12	Biology, Chemistry or Physics
Fire Protection Technology I Dual Credit	2.0	2	11 – 12	Principles of Law, Public Safety, Corrections, and Security; TCC Admission Standards
Emergency Medical Responder Dual Credit	2.0	2	12	Principles of Health Science, Medical Terminology or Anatomy & Physiology, TCC Admissions Standards

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Law, Public Safety, Corrections, and Security

Local Code: 5910
State Code: 13029200
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course introduces students to careers in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and fire and emergency response agencies. The course provides an overview of essential knowledge and skills, including ethics, the origins of law, constitutionality, jurisdiction, courtroom procedures, and the responsibilities of first responders—preparing students for careers in law enforcement, fire services, security, and corrections.

Anatomy and Physiology

Local Code: 1371/1371C/1371I/1371X
State Code: 13020600
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry or Physics
Credit: 1.0
Anatomy and Physiology is a comprehensive study of the structures and functions of the human body. The course includes dissections and an in-depth examination of the organization of organs and organ systems. Students will apply critical thinking and scientific problem-solving skills as they conduct laboratory investigations. This course fulfills one science credit required for graduation.

Accelerated Anatomy and Physiology

Local Code: 1372
State Code: 13020600
Prerequisite: Biology, Chemistry or Physics
Credit: 1.0
Site: HCTC
Anatomy and Physiology is a comprehensive study of the structures and functions of the human body. The course includes dissections and an in-depth exploration of the organization of organs and organ systems. Students will apply

critical thinking and scientific problem-solving skills as they conduct laboratory investigations. This course fulfills one science credit required for graduation. This course meets for two periods per day, allowing students to complete the year-long curriculum in one semester.

Tarleton Today Anatomy and Physiology

Local Code: 1371T
State Code: 13020600
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry or Physics
Credit: 1.0
Tarleton Today Anatomy and Physiology is a rigorous dual credit course that integrates high school Anatomy and Physiology with Tarleton State University's BIOL 2401 Anatomy and Physiology and associated laboratory experiences. Students study the structure and function of the human body with an emphasis on the skeletal, muscular, and nervous systems while exploring the physiological processes that maintain human health. Through laboratory investigations, dissections, microscopic observations, data analysis, and scientific inquiry, students develop critical thinking and problem-solving skills while applying biological concepts to real-world situations. As a dual credit course, students are expected to demonstrate college-level responsibility, independent learning, and strong study habits while earning high school science credit and the opportunity for college credit.

Fire Technology I Dual Credit

Local Code: 5918
State Code: 13029900
Grade Placement: 11 – 12
Prerequisite: Principles of Law, Public Safety, Corrections, and Safety; TCC Admission Standards
Credit: 2.0
Site: TCC Northwest Campus
Fire Protection Technology I introduces students to firefighter safety and professional development. Students will examine the rules and regulations of the Texas Commission on Fire Protection, proper incident reporting and recordkeeping, the correct use of personal protective equipment, and the principles of fire safety. Students must register and pay for course materials and textbooks through Tarrant County College Northwest Campus.

Emergency Medical Responder (EMR) Dual Credit: Health Science Theory or Practicum in Health Science

Local Code: 5869/5864
State Code: 13020410/13020500
Grade Placement: 11 – 12
Prerequisite: Principles of Health Science, Medical Terminology or Anatomy & Physiology, TCC Admission Standards
Credit: 2.0
Site: HCTC
The Emergency Medical Responder (EMR) course introduces students to the fundamentals of emergency prehospital care. Students will learn to identify normal anatomical conditions to better recognize abnormalities in sick or injured individuals. The course challenges students to think critically, respond quickly, and develop strong leadership and teamwork skills. Upon successful completion of the classroom (didactic) portion, the top 15 students—selected based on grades, attendance, and behavior—will have the opportunity to enroll in the Tarrant County College (TCC) spring clinical portion. This includes ride-along with 911 emergency response units and shifts in hospital emergency departments. Students who complete the full course and are at least 18 years old upon graduation will be eligible to take the National Registry Exam to become certified Emergency Medical Responders (EMRs). Note: Students must be enrolled in TCC for this course. The required textbook costs approximately $150.

Science, Technology, Engineering, and Mathematics: Engineering

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Principles of Applied Engineering	1.0	1	9 – 12	None
Introduction to Robotics	1.0	1	10 – 12	Principles of Applied Engineering, Biology, Algebra I
Mechanical Engineering	2.0	1	10 – 12	Principles of Applied Engineering, Algebra I
Aerospace Engineering	2.0	1	11 – 12	Principles of Applied Engineering, Biology, Chemistry or Physics, Algebra II
Drone Engineering	2.0	1	11 – 12	Principles of Applied Engineering, Algebra I, Geometry
Aviation Ground School	2.0	1	12	Aerospace Engineering or Drone Engineering

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Principles of Applied Engineering

Local Code: 5551
State Code:
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This introductory course in the engineering program introduces students to technical drawing, including computer-aided design (CAD) software, design concepts and processes, and product construction. The course is project-based and incorporates basic building skills to explore topics such as design, structural integrity, electricity, and aerodynamics.

Introduction to Robotics: Engineering Science

Local Code: 5549
State Code: 13037500
Grade Placement: 10 – 12
Prerequisite: Biology, Algebra I, Principles of Applied Engineering
Credit: 1.0
This course introduces students to key concepts and technologies they may encounter as they explore careers in engineering, robotics, and high-tech industries. Students will apply science, technology, engineering, and mathematics (STEM) principles to solve real-world challenges. The course incorporates VEX EDR robotics systems and utilizes multiple coding styles and programming languages. Additionally, this course satisfies a science credit requirement for students.

Mechanical Engineering: Manufacturing Engineering Technology I & II

Local Code: 5526/5526B
State Code:13032900/13032950
Grade Placement: 10 – 12
Prerequisite: Principles of Applied Engineering, Algebra I
Credit: 2.0
Site: HCTC
In Manufacturing Engineering 1 and 2, students will develop knowledge and skills related to the application, design, production, and evaluation of products, services, and systems within the context of manufacturing. 112 These courses prepare students for success in the global economy by enabling them to apply academic concepts to real-world

manufacturing challenges. Through the study of manufacturing engineering, students will reinforce, apply, and transfer their academic learning to a variety of engaging and relevant activities, problems, and settings.

Aerospace Engineering: Scientific Research & Design and Engineering Design & Problem Solving

Local Code: 5921/5922
State Code: 13037200/13037300
Grade Placement: 11 – 12
Prerequisite: Biology, Chemistry or Physics, Algebra II, Principles of Applied Engineering
Credit: 2.0
Students learn the engineering principles essential to meet current aerospace demands. They may design, build, and operate unmanned aerial vehicles, including hypersonic boost gliders and high-performance rockets capable of reaching altitudes up to 5 miles at speeds of 970 mph. Successful completion of Aerospace Engineering meets 2.0 credits towards the state science credit requirement.

Drone Engineering: Digital Electronics / Engineering Design and Presentation

Local Code: 5548/5552
State Code: 13037600/13036500
Grade Placement: 11 – 12
Prerequisite: Algebra I, Geometry, Principles of Applied Engineering
Credit: 2.0
Site: HCTC
This advanced course equips students with engineering skills to apply robotic design for both commercial and personal use. Through the design process, students integrate advanced academic knowledge with hands-on experience using software and hardware to build prototypes and test their designs. Students may also earn a Federal Aviation Administration (FAA) license as a commercial Small Unmanned Aerial System (sUAS) pilot. Additionally, students receive one math credit by completing the Digital Electronics course.

Aviation Ground School: Practicum in Engineering

Local Code: 5923
State Code: 12756080
Grade Placement: 12
Prerequisite: Aerospace Engineering or Drone Engineering
Credit: 2.0
Site: HCTC
This course is designed to deepen students' interest in all aspects of aviation while preparing them to take the formal ground school exam required for the Federal Aviation Administration (FAA) Airman Knowledge Test, a prerequisite for obtaining a private pilot’s license. The course’s rigor challenges students with complex concepts in aeronautics, engineering, meteorology, aviation management, and decision-making. Rules, regulations, and the discipline required for aviation are emphasized throughout. Students gain a comprehensive understanding of flight—even without piloting a real aircraft—through lessons in navigation, weather science, mathematical fuel and load planning, and the importance of physical and mental well-being in flight preparation and piloting.

Transportation, Distribution, and Logistics: Automotive Technology

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Introduction to Transportation Technology	0.5	1	9 – 12	None
Automotive Technology I	2.0	1	10 – 12	Introduction to Transportation Technologies, OSHA Certification
Automotive Technology II	2.0	1	11 – 12	Automotive Technology I
Practicum in Automotive Technology	2.0	1	12	Automotive Technology II

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Introduction to Transportation Technology

Local Code: 5631
State Code:
Grade Placement: 9 – 12
Prerequisite: None
Credit: 0.5
This course explores automobiles, alternative forms of transportation, and the infrastructure that supports them. Students will use models, simulations, and computer-aided design (CAD) to investigate various modes of transportation. Much of the coursework will involve project-based investigations. As part of the curriculum, students will complete the 10-hour OSHA certification.

Automotive Technology I: Maintenance and Light Repair

Local Code: 5633
State Code: 13039600
Grade Placement: 10 – 12
Prerequisite: Introduction to Transportation Technology; OSHA Certification
Credit: 2.0
Site: HCTC
Automotive Technology courses introduce students to the knowledge and skills necessary for the repair, maintenance, and diagnosis of motor vehicles. The goal of the program is to prepare students to earn their Automotive Service Excellence (A.S.E.) certifications and pursue entry-level employment in the automotive industry. In addition to technical training, students will also develop life skills that support success after graduation.

Automotive Technology II: Automotive Service

Local Code: 5634
State Code: 13039700
Grade Placement: 11 – 12
Prerequisite: Automotive Technology I
Credit: 2.0
Site: HCTC
Automotive Technology courses introduce students to the knowledge and skills required for the repair, maintenance, and diagnosis of motor vehicles. The primary goal of the program is to prepare students for successful completion of the Automotive Service Excellence (A.S.E.) certification exams and for entry-level 114 employment in the automotive industry. In addition to technical training, students will also develop essential life skills to support their success after graduation.

Practicum in Automotive Technology: Practicum in Transportation Systems

Local Code: 5637
State Code: 13040450
Grade Placement: 12
Prerequisite: Automotive Technology II; Transportation to Job Site
Credit: 2.0
Site: HCTC/Job Site
Students will gain hands-on experience in the automotive industry while being mentored by both industry professionals and their instructor. Students must provide their own transportation to the job site. Uniforms may be required, depending on the specific requirements of the job site.

Transportation, Distribution, and Logistics: Aircraft Maintenance

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Introduction to Transportation Technology	0.5	1	9 – 12	None
Aircraft Technology I	3.0	2	11 – 12	Introduction to Transportation, TCC Admission Standards, Provide Own Transportation
Aircraft Technology II	3.0	2	12	Aircraft Technology I, TCC Admission Standards, Provide Own Transportation

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Introduction to Transportation Technology

Local Code: 5631
State Code:
Grade Placement: 9 – 12
Prerequisite: None
Credit: 0.5
This course explores automobiles, alternative forms of transportation, and the infrastructure that supports them. Students will use models, simulations, and computer-aided design (CAD) to investigate various modes of transportation. Much of the coursework will involve project-based investigations. As part of the curriculum, students will complete the 10-hour OSHA certification.

Aircraft Technology I Dual Credit: Aircraft Airframe Technology/Advanced Transportation Systems Laboratory

Local Code: 5635
State Code: 13039410
Grade Placement: 11 – 12
Prerequisite: Introduction to Transportation Technology; TCC Admission Standards; Provide Own Transportation
Credit: 3.0
Site: TCC Alliance Airport
Advanced Aircraft Technology is designed to provide job-specific training for entry-level employment in the highly technical field of aircraft mechanics. Instruction covers aircraft electrical and electronic systems, as well as the service and repair of hydraulic systems, engines, airframes, and rigging. This dual credit course is offered at the Tarrant County College Northwest Campus. Successful completion of both semesters earns students 12 hours of college credit. Students must register and pay for tuition and textbooks through Tarrant County College, Northwest Campus

Aircraft Technology II Dual Credit: Aircraft Powerplant Technology/Advanced Transportation Systems Laboratory

Local Code: 5636
State Code: 13039510
Grade Placement: 12
Prerequisite: Aircraft Technology I
Credit: 3.0
Site: TCC Alliance Airport
Advanced Aircraft Technology is designed to provide job-specific training for entry-level employment in the highly technical field of aircraft mechanics. Instruction covers aircraft electrical and electronic systems, as well as the service and repair of hydraulic systems, engines, airframes, and rigging. This dual credit course is offered at the Tarrant

County College Northwest Campus. Successful completion of both semesters earns students 12 hours of college credit. Students must register and pay for tuition and textbooks through Tarrant County College, Northwest Campus.

Athletics/Physical Education

Athletics

Boy Sports	Girl Sports
Baseball: 3101/3102/3103/3104	Basketball: 3075/3076/3077/3078
Basketball: 3061/3062/3063/3064	Cross Country: 3201/3202/3203/3204
Cross Country: 3201/3202/3203/3204	Golf: 3191/3192/3193/3194
Football: 3051/3052/3053/3054	Gymnastics: 3151/3152/3153/3154
Golf: 3191/3192/3193/3194	Power Lifting: 3251/3252/3253/3254
Gymnastics: 3141/3142/3143/3144	Soccer: 3091/3092/3093/3094
Power Lifting: 3251/3252/3253/3254	Softball: 3111/3112/3113/3114
Soccer: 3081/3082/3083/3084	Swimming: 3211/3212/3213/3214
Swimming: 3211/3212/3213/3214	Tennis: 3121/3122/3123/3124
Tennis: 3121/3122/3123/3124	Track: 3201/3202/3203/3204
Track: 3201/3202/3203/3204	Volleyball: 3071/3072/3073/3074
Wrestling: 3221/3222/3223/3224	Wrestling: 3225/3226/3227/3228
Student Trainer: See Head Athletic Trainer for Approval	Student Trainer: See Head Athletic Trainer for Approval

High School Athletics

Local Code: See Table Above
State Code: PES00000/PES00001/PES00002/PES00004
Grade Placement: 9 – 12
Prerequisite: Coach Approval; Sports Physical Examination on File
Credit: 1.0
Athletics provide students with the opportunity to fine tune their athletic abilities and compete against students from other schools. Participation in athletics develops self-discipline, cooperation, leadership, responsibility, self-control, and selflessness of participation in team sports. A physical examination is required to be on file before participation. Students may earn up to 4 credits for participation in athletics. Students who do not make a team may have to remain in the scheduled athletics course until the end of the semester.

Ninth grade athletics is the introduction of UIL Competition Athletics at the high school level. Our objectives are to teach the proper attitude, improve the athletic ability of each student and to use Athletics to enhance academics. Students in the class period work to become better people and better athletes and practice individual sport skills after school.

Physical Education and Health

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Health Education	0.5	1	9 – 12	None
Lifetime Fitness and Wellness Pursuits	1.0	1	9 – 12	None
Lifetime Recreation and Outdoor Pursuits	1.0	1	9 – 12	None
Skill-Based Lifetime Activities	1.0	1	9 – 12	None
Dance I / Skill-Based Lifetime Activities	2.0	1	9 – 12	None
Beginning Gymnastics	1.0	1	9 – 12	None
Cheerleading	1.0	1	9 – 12	None
Partners in PE	1.0	1	9 – 12	Application and Teacher Approval

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Health Education

Local Code: 1810
State Code: 03810100
Grade Placement: 9 – 12
Prerequisite: None
Credit: 0.5
The course enables each student to develop an understanding of the attitudes and habits that are conducive to healthful living. The Health education class will help students develop skills that will make them health-literate adults. Students will use problem-solving, research, goal- setting and communication skills to protect their health and that of the community.

Lifetime Fitness and Wellness Pursuits

Local Code: 3011
State Code: PES00051
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
The purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. Instructional units focus on basic conditioning, advantages of weight training, proper nutrition, and the appraisal of individual fitness levels.

Lifetime Recreation and Outdoor Pursuits

Local Code: 3014
State Code: PES00053
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course will apply movement principles in order to demonstrate competency in two or more outdoor activities, such as hiking, camping, fishing, and orienteering. The student will also develop new motor skills and understand that lifelong activities promote good health.

Skill-Based Lifetime Activities

Local Code: 3012
State Code: PES00056
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
Students are expected to participate in a wide range of individual and team sports that can be pursued for a lifetime. In this course students develop health-related fitness and an appreciation for teamwork and fair play. Students learn skills, rules, and regulations for participation. The instructional focus of this course is on the benefits of participating in physical activities throughout a lifetime.

Dance I / Skill-Based Lifetime Activities

Local Code: 3310/3012
State Code: 03830100/PES00056
Grade Placement: 9 – 12
Prerequisite: None
Credit: 2.0
Dance I will explore various styles of dance including ballet, lyrical, jazz, hip hop, and others. In addition to learning a variety of routines and combinations, students will cover the fundamentals, technique, vocabulary, and history of each dance style. Creativity and expression will be encouraged through student choreography, both individually and as a group. The class will consist of both physical and written activities. Students in Dance I also receive Skill-Based Lifetime Activities credit.

Cheerleading

Local Code: 3198
State Code: PES00013
Grade Placement: 9 – 12
Prerequisite: Competitive Tryouts
Credit: 1.0
The cheerleaders perform at athletic events and other school and community functions as well as represent their school at regional and national cheer competitions. Cheer class is designed to improve the technical and performance skills of the high school cheerleaders both individually and as a group.

Partners in PE: Lifetime Fitness and Wellness Pursuits

Local Code: 3390
State Code: PES00051
Grade Placement: 9 – 12
Prerequisite: Application and Teacher Approval
Credit: 1.0
Partners in PE is a success-oriented PE program featuring supervised peer tutors and individualized learning and instruction. The purpose of the program is to encourage physical activity, increase knowledge of health and fitness strategies, and assist in the acquisition of individual lifetime recreation activities and/or skills associated with team sports.

Off Campus PE

Local Code: 3195/3196/3177/3178
State Code: PES00008/PES00009/PES00010/PES00011
Grade Placement: 9 – 12
Prerequisite: EMSISD Off-Campus PE General Guidelines, Application and Department Approval
Credit: 1.0
The off-campus PE program is a partnership between EMSISD and approved off-campus agencies that provide activities such as dance, equestrian, fencing, gymnastics, yoga, lacrosse, martial arts, rock climbing, rowing,

swimming, and tennis. Only practice hours may count towards the state-required time. See district Athletics Department webpage for more details.

Fine Arts

Art

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Art I	1.0	1	9 – 12	None
Advanced Art I	1.0	1	9 – 11	None
Partners in Art I	1.0	1	9 – 12	Teacher Recommendation
Art II Drawing	1.0	1	9 – 12	Art I
Advanced Art II Drawing	1.0	2	9 – 12	Art I
Art II Photo	1.0	1	9 – 12	Art I
Art II Sculpture	1.0	1	9 – 12	Art I
Advanced Art III Drawing	1.0	2	10 – 12	Art II Drawing
Advanced Art III Design	1.0	2	10 – 12	Art II Drawing
Advanced Art III Photography	1.0	2	10 – 12	Art II Photography
Advanced Art III Sculpture	1.0	2	10 – 12	Art II Sculpture
Advanced Art III Jewelry	1.0	2	10 – 12	Art II Sculpture or Drawing
AP Art History	1.0	3	10 – 12	None
AP Drawing	1.0	3	11 – 12	Art III Drawing or Teacher Recommendation
AP 2D Art and Design	1.0	3	11 – 12	Art III Drawing, Photograph or Teacher Recommendation
AP 3D Art and Design	1.0	3	11 – 12	Art III Sculpture or Teacher Recommendation

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Art I

Local Code: 2010
State Code: 03500100
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
The first semester of Art I introduces students to drawing and color theory through the study of the elements and principles of design. Drawing instruction follows a sequential approach, with an emphasis on developing value skills. Color studies will include, but are not limited to, the use of water-based paints. The second semester builds on these foundational skills and expands into painting, printmaking, sculpture, and ceramics. Printmaking will focus on relief techniques; sculpture will involve additive construction; and ceramics will include hand-building methods such as pinch, coil, and slab. Throughout both semesters, students will study historical and contemporary masterpieces as part of each unit. Art I serves as the foundation for all other art courses, and successful completion is required for enrollment in Art II or higher-level courses.

Advanced Art I

Local Code: 2015
State Code: 03500100
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0

The Advanced Art I curriculum follows College Board guidelines for the AP General and Drawing Portfolio. This course offers enriched learning opportunities beyond those in the regular Art I class by extending the state's essential knowledge and skills through focused study in drawing and color theory during the first semester. Students also begin preparing for the expectations of the AP Portfolio Examination. In the second semester, the curriculum expands to include painting, printmaking, sculpture, and ceramics, providing a well-rounded foundation in advanced visual arts.

Art II Drawing

Local Code: 2020
State Code: 03500500
Grade Placement: 9 – 12
Prerequisite: Art I
Credit: 1.0
The first semester of Art II Drawing continues the sequential study of drawing and colored media. Students will complete formal compositions in realistic, abstract, and non-objective styles, with each unit incorporating art history and appreciation. In the second semester, students will build on these foundational skills through projects in painting, printmaking, and three-dimensional studies. Sculpture and ceramics will further develop skills introduced in Art I, with continued integration of art history and appreciation throughout the course.

Advanced Art II Drawing

Local Code: 2025
State Code: 03500500
Grade Placement: 9 – 12
Prerequisite: Advanced Art I or Art I
Credit: 1.0
Advanced Art II: Drawing is designed to build upon and expand the curriculum of Art I and Advanced Art I. This course follows College Board guidelines for the AP General and Drawing Portfolios, preparing students for college-level work in visual arts. Students will apply the elements and principles of art with greater proficiency than typically expected in Art II, while making connections to art history and criticism through their creative work. Emphasis is placed on developing advanced skills in drawing and color theory. Throughout the year, students will review AP exam requirements, and in the second semester, they will extend their learning through more rigorous projects in painting, printmaking, sculpture, and ceramics. Advanced Art II is an honors-level course recommended for students seriously considering a career in visual arts.

Art II Photography

Local Code: 2050
State Code: 03501200
Grade Placement: 9 – 12
Prerequisite: Art I or Advanced Art I
Credit: 1.0
In this course, students will strengthen their artistic skills through the study of design and composition, with a focus on both film and digital photography. They will learn to compose photographs artistically, develop film, and print their images. The course emphasizes artistic awareness, critical thinking, imaginative expression, appreciation of art culture, and aesthetic judgment.

Art II Sculpture

Local Code: 2071
State Code: 03501000
Grade Placement: 9 – 12
Prerequisite: Art I or Advanced Art I
Credit: 1.0
Sculpture II focuses on both objective and nonobjective three-dimensional assignments. Each project incorporates construction skills and classical sculptural techniques as essential components. Students will work with a variety of media, including wood and clay, to explore and express sculptural concepts.

Advanced Art III Drawing

Local Code: 2035
State Code: 03501300
Grade Placement: 10 – 12
Prerequisite: Advanced Art II Drawing or Art II Drawing
Credit: 1.0
Advanced Art III is a studio-based course designed for college-bound and career-oriented students with a strong interest in the visual arts. Intended for talented students seeking college-level study while in high school, the course emphasizes advanced techniques in drawing and painting, as well as two-dimensional and three-dimensional design and color theory. Computer-manipulated artwork is also incorporated into the curriculum. Students will compile portfolios that meet current College Board requirements.

Advanced Art III Design

Local Code: 2053
State Code: 03502210
Grade Placement: 10 – 12
Prerequisite: Advanced Art II Drawing or Art II Drawing
Credit: 1.0
This course introduces students to a broad range of two-dimensional design concepts and is intended to help them develop specific skills that support the creation of an AP Design Portfolio. Students are expected to demonstrate proficiency in 2D design using a variety of art forms, which may include graphic design, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking.

Advanced Art III Photography

Local Code: 2055
State Code: 03502200
Grade Placement: 10 – 12
Prerequisite: Art II Photography
Credit: 1.0
In this course, students will further develop their artistic skills through the study of design and composition in photography. Emphasis is placed on artistic awareness, critical thinking, imaginative expression, appreciation of art culture, and aesthetic judgment.

Advanced Art III Sculpture

Local Code: 2075
State Code: 03501900
Grade Placement: 10 – 12
Prerequisite: Art II Sculpture
Credit: 1.0
This third-year course offers an in-depth study of sculpture and challenges students with advanced-level projects. Students will develop a personal artistic style and demonstrate effective use of selected sculptural media to solve complex three-dimensional design problems and assignments.

Advanced Art III Jewelry

Local Code: 2074
State Code: 03502000
Grade Placement: 10 – 12
Prerequisite: Art II Sculpture, Art II Drawing, or Advanced Art II Drawing
Credit: 1.0
The Art of Glass is an upper-level high school art course that introduces students to the dynamic and expressive world of glass art. Students will explore both two-dimensional and three-dimensional aspects of glasswork, blending traditional craftsmanship with creative design. The course includes hands-on experiences in techniques such as warm glass fusing and slumping, stained glass design and assembly, etching and painting on glass surfaces, and jewelry-

making through wire wrapping and soldering. Through these methods, students will build technical skills while fostering artistic innovation and personal expression using the versatile medium of glass.

AP Art History

Local Code: 2085
State Code: A3500100
Grade Placement: 10 – 12
Prerequisite: None
Credit: 1.0
Advanced Placement Art History is equivalent to an introductory university-level art history course. Students will take the AP Art History Exam, administered by the College Board in May. Many colleges and universities offer advanced placement and/or college credit to students who perform successfully on the exam. All students enrolled in this course are expected to take the AP Exam in the spring.

AP Studio Art: Drawing Portfolio

Local Code: 2045
State Code: A3500300
Grade Placement: 11 – 12
Prerequisite: Advanced Art III Drawing or Teacher Approval
Credit: None
In this course, students will explore a broad range of drawing concepts and media. Topics include light and shadow, line quality, form rendering, composition, surface manipulation, and the illusion of depth. These elements will be studied through various two-dimensional media. All students are required to submit a portfolio for Advanced Placement review.

AP Studio Art: Two-Dimensional Design Portfolio

Local Code: 2065
State Code: A3500400
Grade Placement: 11 – 12
Prerequisite: Advanced Art III Drawing, Photography or Teacher Approval
Credit: 1.0
In this course, students will explore two-dimensional design concepts. Design involves intentional decision making in applying the elements and principles of art in a cohesive and expressive manner. Students are expected to demonstrate mastery of 2D design through a variety of media and processes, including—but not limited to—graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking. All students are required to submit a portfolio for Advanced Placement review.

AP Studio Art: Three-Dimensional Design Portfolio

Local Code: 2076
State Code: A3500500
Grade Placement: 11 – 12
Prerequisite: Advanced Art III Sculpture or Teacher Approval
Credit: 1.0
In AP Studio Art: 3D Design, students explore sculptural concepts and address three-dimensional design challenges. The course emphasizes purposeful decision-making in applying the elements and principles of art in an integrated and expressive way. Students are expected to demonstrate mastery of 3D design through various approaches, including—but not limited to—figurative and nonfigurative sculpture, architectural models, metalwork, ceramics, and fiber arts. All students are required to submit a portfolio for Advanced Placement review.

Band

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Band I – IV	1.0	1	9 – 12	Previous Band Experience
Jazz Ensemble I – IV	1.0	1	9 – 12	Current Enrollment in Band or Director Approval
Color Guard I – IV	1.0	1	9 – 12	Audition Only
AP Music Theory	1.0	1	11 – 12	Concurrent Enrollment in Band/Choir or Teacher Approval

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Band I – IV

Local Code: 2311/2312/2313/2314

- Concert Band I – IV: 2311/2312/2313/2314
- Section Band I – IV: 2321/2322/2323/2324
- Symphonic Band I – IV: 2331/2332/2333/2334

State Code: 03150100/03150200/03150300/03150400
03151700/03151800/03151900/03152000
Grade Placement: 9 – 12
Prerequisite: Previous Band Experience
Credit: 1.0
Band students have the opportunity to further develop their instrumental skills and deepen their musical understanding while preparing specific performance programs throughout the year. Enrollment in band promotes mental and physical discipline, teamwork, cultural enrichment, and the ability to make informed musical judgments through critical listening. Students will participate in both the marching band and a concert band ensemble, as assigned by the Director of Bands. Students should have been enrolled in band at their previous school during the prior year. Attendance at all rehearsals and performances is mandatory. Marching band students also earn 0.5 PE substitution credit each fall semester, with up to 1 full credit available for extracurricular (after-school) participation. Please note that a course fee is required.

Jazz Ensemble I – IV

Local Code: 2351/2352/2353/2354
State Code: 03151300/03151400/03151500/03151600
Grade Placement: 9 – 12
Prerequisite: Concurrent Enrollment in Band/Choir or Teacher Approval
Credit: 1.0
Students in Jazz Ensemble perform a variety of jazz literature, including traditional swing, Latin, and rock/funk styles. They will be introduced to and perform basic improvisation, both individually and as part of the ensemble. The Jazz Ensemble presents several concerts, competes in festivals, and performs at civic events throughout the year. Attendance at all rehearsals and performances is mandatory. Membership requires a high level of musical skill and personal discipline. Students playing traditional jazz instruments (saxophone, trumpet, trombone, and percussion) must also be enrolled in a Band class. Students playing non-traditional instruments (piano, guitar, and bass) must receive director approval before enrolling. Please note that a course fee is required.

Color Guard I – IV

Local Code: 2341/2342/2343/2344
State Code: 03150100/03150200/03150300/03150400
Grade Placement: 9 – 12
Prerequisite: Audition Only
Credit: 1.0
Activities in this course include preparation and rehearsals for marching band performances, individual performances, festivals, school events, and Winter Guard competitions. Each completed fall semester of marching band fulfills one semester of the required PE credit; two fall semesters are needed to earn one full credit. Please note that a course fee is required.

AP Music Theory

Local Code: 2375
State Code: A3150200
Grade Placement: 11 – 12
Prerequisite: Concurrent Enrollment in Band/Choir or Teacher Approval
Credit: 1.0
This course introduces students to the essential components and functions of written music. Topics include basic musical elements, principles of melody writing, harmonic functions, and various musical textures, all of which contribute to the structure of music. Designed to prepare students for the music theory curriculum of an undergraduate music degree, the course also provides opportunities for students to create, understand, and enhance their own musical compositions. Students should have a basic ability to read music and possess 123 foundational performance skills in voice or an instrument prior to enrollment. Students enrolled in AP Music Theory are expected to take the Advanced Placement Exam.

Choir

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Treble or Tenor/Bas Choir I	1.0	1	9 – 12	None
Treble or Tenor/Bass Choir II – IV	1.0	1	10 – 12	Audition Only
Vocal Ensemble I – IV	1.0	1	9 – 12	Concurrent Enrollment in Choir, Director Approval
AP Music Theory	1.0	3	11 – 12	Concurrent Enrollment in Band/Choir or Teacher Approval

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Treble Choir I or Tenor/Bass Choir I

Local Code: 2211/2221
State Code: 03150900
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This training choir is designed for students with little to no prior choral experience. The course covers the basics of choral singing, music theory, and fundamental musical concepts. Students are encouraged to audition for a performing choir at the end of the course. Please note that a course fee applies

Choir II – IV

Local Codes:

- Treble II – IV: 2212/2213/2214
- Tenor/Bass II – IV: 2222/2223/2224
- JV Choir II – IV: 2232/2233/2234
- Varsity Choir II – IV: 2242/2243/2244

State Code: 03151000/03151100/03151200
Grade Placement: 10 – 12
Prerequisite: Audition Only
Credit: 1.0
These choir classes emphasize choral singing, music theory, listening skills, and performance. The repertoire includes traditional choral works as well as music from various style periods and genres. Students in grades 9 through 12 are placed into different classes based on achievement level, determined by audition. Classes may consist of all male, all female, or mixed voices, depending on the number and distribution of available vocal parts. Performing groups include Treble Choir, Men's Choir, Select Women's Choir, and Varsity Mixed Choir. These ensembles may participate in UIL competitions. Attendance at concert performances is required. Please note that a course fee applies.

Vocal Ensemble I – IV

Local Codes: 2251/2252/2253/2254
State Codes: 03152100/03152200/03152300/03152400
Grade Placement: 9 – 12
Prerequisite: Concurrent Enrollment in Choir, Director Approval
Credit: 1.0
These choir classes emphasize choral singing, music theory, listening skills, and performance. The repertoire includes traditional choral music as well as selections from various style periods and genres. Students in grades 9 through 12 are placed into different classes based on achievement level, determined by audition. Classes may consist of all male, all female, or mixed voices, depending on the number and distribution of available vocal parts. Performing groups

include Treble Choir, Men's Choir, Select Women's Choir, and Varsity 122 Mixed Choir. These ensembles may participate in UIL competitions. Attendance at concert performances is required. Please note that a course fee applies.

AP Music Theory

Local Code: 2375
State Code: A3150200
Grade Placement: 11 – 12
Prerequisite: Concurrent Enrollment in Band/Choir or Teacher Approval
Credit: 1.0
This course introduces students to the essential components and functions of written music. Topics include basic musical elements, principles of melody writing, harmonic functions, and various musical textures, all of which contribute to the structure of music. Designed to prepare students for the music theory curriculum of an undergraduate music degree, the course also provides opportunities for students to create, understand, and enhance their own musical compositions. Students should have a basic ability to read music and possess 123 foundational performance skills in voice or an instrument prior to enrollment. Students enrolled in AP Music Theory are expected to take the Advanced Placement Exam.

Dance

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Dance I / Skill-Based Lifetime Activities	2.0	1	9 – 12	None
Dance II - III	1.0	1	10 – 12	Dance I or Dance II
Drill Team I – IV	1.0	1	9 – 12	Competitive Tryout
Dance Composition/Improvisation I – III	1.0	1	10 – 12	Teacher Approval

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Dance I / Skill-Based Lifetime Activities

Local Code: 3310/3012
State Code: 03830100/PES00056
Grade Placement: 9 – 12
Prerequisite: None
Credit: 2.0
Dance I will explore various styles of dance including ballet, lyrical, jazz, hip hop, and others. In addition to learning a variety of routines and combinations, students will cover the fundamentals, technique, vocabulary, and history of each dance style. Creativity and expression will be encouraged through student choreography, both individually and as a group. The class will consist of both physical and written activities. Students in Dance I also receive Skill-Based Lifetime Activities credit.

Dance II – III

Local Code: 3320/3321
State Code: 03830200/03830300
Grade Placement: 10 – 12
Prerequisite: Dance I or Dance II
Credit: 1.0
Dance II and IIII build upon the foundational skills developed in Dance I, introducing students to more advanced techniques and challenging elements. This intermediate to advanced-level course is designed for students who already possess knowledge of dance theory, technique, terminology, and core movement principles.

Drill Team I – IV

Local Code: 3341/3342/3343/3344
State Code: 03830100/03830200/03830300/03/30400
Grade Placement: 9 – 12
Prerequisite: Competitive Tryout
Credit: 1.0
Dance Team is a precision dance and drill team that performs at athletic events, as well as school and community functions. The team specializes in various styles, including jazz, high kick, precision pom, hip hop, lyrical, and modern dance. Members travel and compete at regional, state, and national levels. Membership is determined through spring auditions. Students who participate in the dance/drill team earn 0.5 PE Substitution credit for Drill Team in the fall, and up to 1 full credit for extracurricular (after-school) participation. Please note: a course fee is required.

Dance Composition/Improvisation I – III

Local Code: 3351/3352/3353
State Code: 03832500/03832600/03832700
Grade Placement: 10 – 12
Prerequisite: Teacher Approval
Credit: 1.0
Dance Composition/Improvisation introduces students to the fundamentals of dance composition and choreography. Through structured exercises and improvisation, students will learn to generate, explore, and refine movement, ultimately developing the skills to create original dances.

Theatre Arts

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Theatre Arts I	1.0	1	9 – 12	None
Technical Theatre I	1.0	1	9 – 12	None
Theatre Arts II – IV	1.0	1	10 – 12	Previous Theatre Credit
Technical Theatre II – IV	1.0	1	10 – 12	Previous Tech Theatre Credit
Theatre Production I – IV	1.0	1	9 – 12	Director Approval
Musical Theatre I – III	1.0	1	10 – 12	Director Approval

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Theatre Arts I

Local Code: 2110
State Code: 03250100
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This introductory course is designed for beginning theatre students and offers an opportunity to explore the world of theatre through units on theatre history, voice and diction, pantomime, improvisation, and play structure. Students will analyze scripts, write original monologues, perform duet scenes, learn basic characterization techniques, and become familiar with essential stage terminology. Students who participated in Theatre in 8th grade and have completed an audition or interview may be placed in Theatre Arts I Select with teacher approval.

Technical Theatre I

Local Code: 2131
State Code: 03250500
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
In this elective course, students focus on concepts and skills related to theatre production. Topics include properties, lighting, costumes, makeup, sound, and stagecraft techniques. The course also emphasizes 125 aesthetic growth through the appreciation of theatrical events. Students will construct sets and manage the technical aspects of both dramatic and musical performances at the school. Attendance at some evening events is required.

Theatre Arts II – IV

Local Code: 2120/2140/2150
State Code: 03250200/03250300/03250400
Grade Placement: 10 – 12
Prerequisite: Previous Theatre Arts Credit
Credit: 1.0
These courses are designed for dedicated theatre students who wish to advance their acting skills. They are intended for advanced students pursuing opportunities in university theatre programs, community theatre, or careers in theatre, radio/TV, or film. Students will explore acting theories commonly taught in colleges and universities, perform original productions, and complete a unit focused on improving college audition techniques and portfolio development.

Technical Theatre II – IV

Local Code: 2132/2133/2134
State Code: 03250200/03250300/03250400
Grade Placement: 10 – 12
Prerequisite: Previous Technical Theatre Credit
Credit: 1.0
These courses are designed for theatre students interested in working behind the scenes of a production. Hands-on training is provided in areas such as set design and construction, set painting, stage lighting and design, stage makeup techniques, prop construction, house management, publicity design, and stage management. Students in these classes are responsible for the technical elements of all theatre productions, as well as supporting other performance groups on campus and in the community.

Theatre Production I – IV

Local Code: 2161/2162/2163/2164
State Code: 03250700/03250800/03250900/03251000
Grade Placement: 9 – 12
Prerequisite: Director Approval
Credit: 1.0
Students may earn credit for Theatre Production by participating in theatrical events such as the fall play, annual musical, and UIL One-Act Play competition. Students must provide their own transportation, and attendance at after-school and evening rehearsals is required. Participation in public performances is mandatory.

Musical Theatre I – III

Local Code: 2165/2166/2167
State Code: 03251900/03252000/03252100
Grade Placement: 10 – 12
Prerequisite: Director Approval
Credit: 1.0
In this course, students develop the skills necessary to become triple threat performers—proficient in singing, acting, and dancing. They gain a comprehensive understanding of the process involved in creating a musical production, from its inception to final performances. Students also explore the history and significance of American musical theatre and stage productions. After-school participation is required, and rehearsals are mandatory.

Languages Other Than English – LOTE

American Sign Language – ASL

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
American Sign Language I	1.0	1	9 – 12	None
American Sign Language II	1.0	1	10 – 12	American Sign Language I
American Sign Language III	1.0	1	11 – 12	American Sign Language II
American Sign Language IV	1.0	1	12	American Sign Language III
Special Topics in Language & Culture	1.0	1	10 – 12	LOTE Level I Credit, LOTE Exit Committee Decision

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

American Sign Language I

Local Code: 1930
State Code: 03980100
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
American Sign Language I introduces students to the language and to American Deaf culture. The course emphasizes both receptive and expressive communication skills. Students also explore the interrelationship between languages and develop a deeper appreciation for the Deaf community and its culture.

American Sign Language II

Local Code: 1940
State Code: 03980200
Grade Placement: 10 – 12
Prerequisite: American Sign Language I
Credit: 1.0
American Sign Language II allows students to continue developing their receptive and expressive skills while expanding their vocabulary and understanding of grammatical structures. In addition to language development, students further explore Deaf culture.

American Sign Language III

Local Code: 1950
State Code: 03980300
Grade Placement: 11 – 12
Prerequisite: American Sign Language II
Credit: 1.0
American Sign Language III is a course in which students continue developing their receptive and expressive skills by incorporating additional grammatical features, such as location classifiers, quantifiers, and spatial agreement.

American Sign Language IV

Local Code: 1960
State Code: 03980400
Grade Placement: 12
Prerequisite: American Sign Language III
Credit: 1.0
American Sign Language IV offers students the opportunity to study ASL poetry and literature, along with Deaf history, culture, and community. Students enhance their signing fluency through active engagement with the Deaf community and explore career paths that utilize ASL skills.

Special Topics in Language and Culture

Local Code: 1505
State Code: 11410000
Grade Placement: 10 – 12
Prerequisite: Credit Earned in LOTE Level I, LOTE Exit Committee Approval
Credit: 1.0
Students will demonstrate novice-level communication skills as required in a Level 1 LOTE (Languages Other Than English) course. They will also develop a deeper understanding of other cultures, make interdisciplinary connections, draw comparisons between languages and cultures, and engage effectively in global communities.

French

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
French I	1.0	1	9 – 12	None
French II	1.0	1	10 – 12	French I
Advanced French II	1.0	2	10 – 12	French I
Advanced French III	1.0	2	11 – 12	French II
AP Language and Culture: French	1.0	3	12	French III
Special Topics in Language & Culture	1.0	1	10 – 12	LOTE Level I Credit, LOTE Exit Committee Decision

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

French I

Local Code: 1610
State Code: 03410100
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course provides an introduction to the basic structure and vocabulary of the French language. It emphasizes pronunciation, speaking, and grammar through both oral and written exercises. Special focus is given to the development of foundational vocabulary. Additionally, students will be introduced to aspects of French culture.

French II

Local Code: 1620
State Code: 03410200
Grade Placement: 10 – 12
Prerequisite: French I
Credit: 1.0
French II builds on the foundational skills acquired in French I. Students will review basic vocabulary and grammatical structures while continuing to develop their speaking, listening, reading, and writing abilities. Language practice is conducted within a cultural context to enhance both linguistic proficiency and cultural understanding.

Advanced French II

Local Code: 1625
State Code: 03410200
Grade Placement: 10 – 12
Prerequisite: French I
Credit: 1.0
Advanced French II builds on the foundational skills acquired in French I. Students continue to develop their speaking, listening, reading, and writing abilities while expanding their vocabulary and grammar knowledge in a culturally rich and contextualized environment. The course also introduces students to AP-level writing and literature, preparing them for success in Advanced French III.

Advanced French III

Local Code: 1635
State Code: 03410300
Grade Placement: 11 – 12
Prerequisite: French II
Credit: 1.0
Advanced French III builds on the skills acquired in French I and II. Students will review foundational vocabulary and grammatical structures while continuing to develop more advanced speaking, listening, reading, and writing skills through active use of the language in the classroom. The course introduces students to French literature and places a strong emphasis on communicative proficiency. Students who excel in this course may pursue advanced placement testing for the opportunity to earn college credit.

AP Language and Culture: French

Local Code: 1645
State Code: A3410100
Grade Placement: 12
Prerequisite: French III
Credit: 1.0
AP French Language and Culture is designed to provide students with a learning experience equivalent to an introductory college-level course. The course offers students opportunities to demonstrate proficiency in French across six key learning objectives, which span the three modes of communication: interpersonal, interpretive, and presentational. These objectives include spoken and written interpersonal communication, interpretive communication using audio, visual, and print materials, and both spoken and written presentational communication. Students deepen their understanding of French-speaking cultures through the study of history, literature, art, music, and current events. They also make comparisons between languages and cultures and apply their language skills in real-life contexts. French is spoken almost exclusively in the classroom to promote immersion and fluency. As with all AP courses, students are expected to dedicate extra time to class preparation, outside reading, and assignment completion. This rigorous academic experience mirrors that of most college introductory courses. Students enrolled in AP French Language and Culture are expected to take the AP Exam in the spring.

Special Topics in Language and Culture

Local Code: 1505
State Code: 11410000
Grade Placement: 10 – 12
Prerequisite: Credit Earned in LOTE Level I, LOTE Exit Committee Approval
Credit: 1.0
Students will demonstrate novice-level communication skills as required in a Level 1 LOTE (Languages Other Than English) course. They will also develop a deeper understanding of other cultures, make interdisciplinary connections, draw comparisons between languages and cultures, and engage effectively in global communities.

German

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
German I	1.0	1	9 – 12	None
German II	1.0	1	10 – 12	German I
Advanced German II	1.0	2	10 – 12	German I
Advanced German III	1.0	2	11 – 12	German II
AP Language and Culture: German	1.0	3	12	German III
Special Topics in Languages & Culture Foreign Exchange	1.0	1	11 – 12	German III Enrollment or Credit
Special Topics in Language & Culture	1.0	1	10 – 12	LOTE Level I Credit, LOTE Exit Committee Decision

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

German I

Local Code: 1710
State Code: 03420100
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
German I is designed as an introduction to the basic structure and vocabulary of the German language. The course emphasizes pronunciation, speaking, and grammar through oral and written exercises, with a strong focus on building foundational vocabulary. Students are also introduced to German culture to enhance their understanding of the language in context.

German II

Local Code: 1720
State Code: 03420200
Grade Placement: 10 – 12
Prerequisite: German I
Credit: 1.0
German II builds on the foundational skills acquired in German I. Students will review basic vocabulary and grammatical structures while continuing to develop their speaking, listening, reading, and writing abilities. Language practice is conducted within a cultural context to enhance both linguistic proficiency and cultural understanding.

Advanced German II

Local Code: 1725
State Code: 03420200
Grade Placement: 10 – 12
Prerequisite: German I
Credit: 1.0
Advanced German II expands on the skills acquired in German I. Students continue to develop their speaking, listening, reading, and writing abilities while learning thematic vocabulary and more advanced grammar concepts in a culturally rich and contextualized environment. The course also introduces students to AP-level writing and literature, preparing them for success in Advanced German III.

Advanced German III

Local Code: 1735
State Code: 03420300
Grade Placement: 11 – 12
Prerequisite: German II
Credit: 1.0
Advanced German III builds on the skills acquired in German I and II. Students will review foundational vocabulary and grammatical structures while continuing to develop more advanced speaking, listening, reading, and writing skills through active use of the language in the classroom. The course introduces students to German literature and places a strong emphasis on communicative proficiency. Students who excel in this course may pursue advanced placement testing for the opportunity to earn college credit.

AP Language and Culture: German

Local Code: 1745
State Code: A3420100
Grade Placement: 12
Prerequisite: German III
Credit: 1.0
AP German Language and Culture engages students in the exploration of German-speaking cultures in both contemporary and historical contexts. The course fosters an appreciation for cultural products—both tangible (such as tools, books, and music) and intangible (such as laws, customs, and institutions)—as well as cultural practices and perspectives, including the values, attitudes, and beliefs that shape them. Grounded in the three modes of communication—interpersonal, interpretive, and presentational—as defined by the Standards for Foreign Language Learning in the 21st Century, the course takes a holistic approach to language proficiency. It emphasizes the interconnectedness of comprehension, vocabulary usage, language control, communication strategies, and cultural awareness, with the goal of promoting both fluency and accuracy in German. The course is conducted almost entirely in the target language. Students are expected to dedicate extra time to 135 class preparation, outside reading, and assignment completion. As with all AP courses, this class provides a rigorous academic experience comparable to college-level coursework. Students enrolled in AP German Language and Culture are expected to take the AP Exam in the spring.

Special Topics in Language and Culture Foreign Exchange

Local Code: 1506
State Code: 11410000
Grade Placement: 11 – 12
Prerequisite: German III Enrollment or Credit
Credit: 1.0
This course is designed for students who have completed or are currently enrolled in German III. As part of the German American Partnership Program (GAPP), students travel to Germany with a group of 10–20 German III classmates and an EMS ISD German teacher for a three-week immersion experience

Special Topics in Language and Culture

Local Code: 1505
State Code: 11410000
Grade Placement: 10 – 12
Prerequisite: Credit Earned in LOTE Level I, LOTE Exit Committee Approval
Credit: 1.0
Students will demonstrate novice-level communication skills as required in a Level 1 LOTE (Languages Other Than English) course. They will also develop a deeper understanding of other cultures, make interdisciplinary connections, draw comparisons between languages and cultures, and engage effectively in global communities.

Spanish

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Spanish I	1.0	1	9 – 12	None
Spanish II	1.0	1	9 – 12	Spanish I
Advanced Spanish II	1.0	2	9 – 12	Spanish I
Spanish for Native Speakers I & II	2.0	1 and 2	9 – 12	Placement Exam
Advanced Spanish III	1.0	2	9 – 12	Spanish II
AP Language & Culture: Spanish	1.0	3	9 – 12	Spanish III
AP Literature & Culture: Spanish	1.0	3	10 – 12	AP Language & Culture: Spanish
Special Topics in Language & Culture	1.0	1	10 – 12	LOTE Level I Credit, LOTE Exit Committee Decision

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Spanish I

Local Code: 1510
State Code: 03440100
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
Spanish I is designed as an introduction to the basic structure and vocabulary of the Spanish language. The course emphasizes pronunciation, speaking, and grammar through both oral and written exercises, with a strong focus on building foundational vocabulary. Students are also introduced to Hispanic culture to provide context and deepen their understanding of the language.

Spanish II

Local Code: 1520
State Code: 03440200
Grade Placement: 9 – 12
Prerequisite: Spanish I
Credit: 1.0
Spanish II builds on the foundational skills acquired in Spanish I. Students will review basic vocabulary and grammatical structures while continuing to develop their speaking, listening, reading, and writing abilities. Language practice is conducted within a cultural context to deepen understanding and promote meaningful communication.

Advanced Spanish II

Local Code: 1525
State Code: 03440200
Grade Placement: 9 – 12
Prerequisite: Spanish I
Credit: 1.0
Advanced Spanish II builds on the foundational skills acquired in Spanish I. Students continue to develop their speaking, listening, reading, and writing abilities while expanding their vocabulary and deepening their understanding of grammar concepts in a culturally rich and contextualized environment. The course also introduces students to AP-level writing and literature, preparing them for success in Advanced Spanish III.

Spanish for Native Speakers I & II

Local Code: 1561/1562
State Code: 03440110/03440220
Grade Placement: 9 – 12
Prerequisite: Placement Exam
Credit: 2.0
Spanish for Heritage Speakers is designed for students who demonstrate, through a placement test, strong listening and speaking skills in Spanish but need additional support in reading, writing, and understanding language conventions. The course is conducted almost entirely in Spanish to promote immersion and fluency. The second semester of this course counts as a Level 2 LOTE credit and adds 5 points to the student's GPA.

Advanced Spanish III

Local Code: 1535
State Code: 03440300
Grade Placement: 9 – 12
Prerequisite: Spanish II
Credit: 1.0
Advanced Spanish III builds on the skills acquired in Spanish I and II. Students will review vocabulary and grammatical structures from previous courses while developing more advanced speaking, listening, reading, and writing skills through active use of the language in the classroom. The course introduces students to Spanish literature and places a strong emphasis on communicative proficiency. Students who excel in this course may pursue advanced placement testing for the opportunity to earn college credit.

AP Language and Culture: Spanish

Local Code: 1545
State Code: A3440100
Grade Placement: 9 – 12
Prerequisite: Spanish III
Credit: 1.0
AP Spanish Language and Culture is designed to offer students a learning experience equivalent to an introductory college-level course. Throughout the course, students demonstrate proficiency in Spanish across a range of learning objectives that span the three modes of communication: interpersonal, interpretive, and presentational. These objectives include spoken and written interpersonal communication, interpretive communication using audio, visual, and print materials, and both spoken and written presentational communication. In addition to language development, students deepen their understanding of Spanish speaking cultures by studying history, literature, art, music, and current events. This interdisciplinary approach helps students make meaningful connections between their learning in the Spanish classroom, other academic subjects, and their everyday lives. Spanish is spoken almost exclusively in the classroom to support full immersion. Students should expect to dedicate extra time to class preparation, outside reading, and completing assignments. As with all AP courses, this class provides a rigorous academic experience comparable to college-level coursework. Students enrolled in AP Spanish Language and Culture are expected to take the AP Exam in the spring.

AP Literature and Culture: Spanish

Local Code: 1555
State Code: A3440200
Grade Placement: 10 – 12
Prerequisite: AP Language & Culture – Spanish
Credit: 1.0
AP Spanish Literature and Culture is designed to provide students with a learning experience equivalent to an introductory college-level course in Spanish literature. The course introduces students to the formal study of a representative body of texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature. Students will demonstrate proficiency in Spanish across the three modes of communication—interpersonal, interpretive, and

presentational—and engage with the five goal areas outlined in the Standards for Foreign Language Learning in the 21st Century: communication, cultures, connections, comparisons, and communities. The course emphasizes the development of critical reading and analytical writing skills while encouraging students to reflect on the diverse voices and cultures represented in Spanish-language literature. Extra time is required for class preparation, outside reading, and completion of assignments. AP courses offer a rigorous academic experience comparable to most college introductory courses. Students enrolled in AP Spanish Literature and Culture are expected to take the AP Exam in the spring.

Special Topics in Language and Culture

Local Code: 1505
State Code: 11410000
Grade Placement: 10 – 12
Prerequisite: Credit Earned in LOTE Level I, LOTE Exit Committee Approval
Credit: 1.0
Students will demonstrate novice-level communication skills as required in a Level 1 LOTE (Languages Other Than English) course. They will also develop a deeper understanding of other cultures, make interdisciplinary connections, draw comparisons between languages and cultures, and engage effectively in global communities.

Other Electives:

Computer Science

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Advanced Computer Science	1.0	2	9 – 12	Algebra I
AP Computer Science Principles	1.0	3	10 – 12	Algebra I
AP Computer Science A	1.0	3	10 – 12	Advanced Computer Science or AP Computer Science Principals

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Advanced Computer Science: Computer Science I

Local Code: 5070
State Code: 03580200
Grade Placement: 9 – 12
Prerequisite: Algebra I
Credit: 1.0
Advanced Computer Science fosters students' creativity and innovation by providing opportunities to design, implement, and present meaningful programs using a variety of media. Students gain a deeper understanding of computer science principles through the study of technology operations, systems, and core concepts. This course may count as a LOTE (Languages Other Than English) credit.

AP Computer Science Principles

Local Code: 5072
State Code: A3580300
Grade Placement: 9 – 12
Prerequisite: Algebra I
Credit: 1.0
Computer Science Principles is designed to be equivalent to a first-semester introductory college computing course. Students are introduced to the core concepts of computer science, with an emphasis on computational thinking and understanding how computing impacts the world. The course helps students develop a broad range of skills, including effective communication and collaboration. Technology topics covered include creativity, abstraction, data and information, algorithms, programming, the Internet, and global impact. This course may count as a LOTE (Languages Other Than English) credit.

AP Computer Science A

Local Code: 5075A/5075B
State Code: A3580110/A3580120
Grade Placement: 10 – 12
Prerequisite: Advanced Computer Science or AP Computer Science Principles
Credit: 2.0
Advanced Placement Computer Science is a college-level course designed to prepare students for the AP Computer Science Examination. It is recommended for college-bound students interested in majoring in computer science or other analytical fields. The course covers advanced programming techniques, file management, data structures, and an introduction to object-oriented programming. Java is the primary language used for programming assignments. The district expects students enrolled in this course to take the corresponding AP exam. Effective August 27, 2018 (43 TexReg 5529), this course may be credited as 1 mathematics credit and 1 LOTE (Languages Other Than English) credit. EMS ISD students receive 1 Math AP credit and 1 LOTE Pass/Fail credit.

Communications

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Professional Communications	0.5	1	9 – 12	None
Tarleton Today Public Speaking	1.0	2	9 – 10	None
Professional Communications Dual Credit	0.5	2	9 – 12	TCC Admission Standards
Debate I – III	1.0	1	9 – 12	Previous Debate Course
Oral Interpretation I – III	1.0	1	10 – 12	Teacher Approval

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Professional Communications

Local Code: 5088
State Code: 13009900
Grade Placement: 9 – 12
Prerequisite: None
Credit: 0.5
Professional Communications integrates written, oral, and visual communication within a career-focused environment. Students will develop and expand skills in writing, reading, editing, speaking, listening, applying software applications, manipulating computer graphics, and conducting Internet research.

Tarleton Today Public Speaking: College Readiness & Study Skills and Communication Applications

Local Code: 1080T/1111T
State Code: 03270100/03241400
Grade Placement: 9 – 10
Prerequisite: None
Credit: 1.0
An introduction to the principles and practice of presentational communication. Methods of topic analysis, research, evidence evaluation, organization, and delivery are covered and assignments require critical thinking skills, teamwork, and personal responsibility. Students participate in several classroom presentations. Emphasis is placed on college and career readiness skills and a successful transition to post-secondary education. This course will receive additional weight toward GPA as a dual credit course.

Debate I – III

Local Code: 1101/1102/1103
State Code: 03240600/03240700/03240800
Grade Placement: 9 – 12
Prerequisite: Previous Level of Debate
Credit: 1.0
This course focuses on argumentation and debate strategies. Students will engage in debates on the current national topic as well as various social issues, developing skills in organization, critical thinking, and performance under pressure. Core communication skills—reading, writing, listening, speaking, and analyzing— may be tested through competitive debate. Strong reading and writing abilities are recommended. Participation in individual speaking and debate contests is strongly encouraged.

Oral Interpretation I – III

Local Code: 1120/1121/1122
State Code: 03240200/03240300/03240400
Grade Placement: 10 – 12
Prerequisite: Teacher Approval
Credit: 1.0
In this course, students study the oral reading and performance of literary texts as a form of communication art. They will select, research, analyze, adapt, interpret, and perform literature, focusing on the intellectual, emotional, sensory, and aesthetic dimensions of each work in an effort to fully capture the author's intent. Individual and group performances will be presented and evaluated. Participation in competitive events may require time outside of regular school hours.

Journalism

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Journalism	1.0	1	9 – 12	None
Photojournalism	0.5	1	9 – 12	None
Advanced Journalism: Newspaper I - III	1.0	1	10 – 12	Journalism or Photojournalism
Yearbook I	1.0	1	10 – 12	Journalism or Digital Media
Yearbook II	1.0	1	11 – 12	Yearbook I
Yearbook III	1.0	1	12	Yearbook II

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Journalism

Local Code: 1130
State Code: 03230100
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
This course introduces students to the history and fundamentals of journalism, including editing, layout, and publishing. Areas of study focus on general news writing, with an emphasis on producing newsletters and newspapers.

Photojournalism

Local Code: 1160
State Code: 03230800
Grade Placement: 9 – 12
Prerequisite: None
Credit: 0.5
In Photojournalism, students learn to communicate through various formats for diverse audiences and purposes. They are expected to plan, interpret, and critique visual representations with careful attention to publication standards. Students become analytical consumers of media and technology to strengthen their communication skills. The course also covers legal and ethical considerations in photography. Technology, visual media, and electronic tools are used to support learning as students create, refine, and produce effective visual content. Students will further develop their journalistic skills and produce photographs for publication.

Advanced Journalism: Newspaper I – III

Local Code: 1141/1142/1143
State Code: 03230140/03230150/03230160
Grade Placement: 10 – 12
Prerequisite: Journalism or Photojournalism
Credit: 1.0
This course examines the methods and processes involved in producing journalistic content, including the school yearbook and newspaper. Students may specialize in a specific area or take on multiple roles, gaining experience as writers, photographers, layout editors, copy editors, and/or managing editors. Students are expected to enter the course with knowledge of journalistic writing style, basic photography skills, and a foundational understanding of computer use.

Yearbook I: Commercial Photography I

Local Code: 1151
State Code: 13009100
Grade Placement: 10 – 12
Prerequisite: Journalism or Digital Media
Credit: 1.0
This course examines the methods and processes involved in producing journalistic content, including the school yearbook and newspaper. Students may specialize in a specific area or take on multiple roles, gaining experience as writers, photographers, layout editors, copy editors, and/or managing editors. Students are expected to enter the course with knowledge of journalistic writing style, basic photography skills, and a foundational understanding of computer use.

Yearbook II: Commercial Photography II

Local Code: 1152
State Code: 13009200
Grade Placement: 11 – 12
Prerequisite: Yearbook I
Credit: 1.0
This course examines the methods and processes involved in producing journalistic content, including the school yearbook and newspaper. Students may specialize in a specific area or take on multiple roles, gaining experience as writers, photographers, layout editors, copy editors, and/or managing editors. Students are expected to enter the course with knowledge of journalistic writing style, basic photography skills, and a foundational understanding of computer use.

Yearbook III: Graphic Design and Illustration I

Local Code: 1153
State Code: 13008800
Grade Placement: 12
Prerequisite: Yearbook II
Credit: 1.0
This course examines the methods and processes involved in producing journalistic content, including the school yearbook and newspaper. Students may specialize in a specific area or take on multiple roles, gaining experience as writers, photographers, layout editors, copy editors, and/or managing editors. Students are expected to enter the course with knowledge of journalistic writing style, basic photography skills, and a foundational understanding of computer use.

Military Science – Junior Reserve Officer Training Corps

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
JROTC I	1.0	1	9 – 12	None
JROTC II	1.0	1	10 – 12	JROTC I
JROTC III	1.0	1	11 – 12	JROTC II
JROTC IV	1.0	1	12	JROTC III

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Air Force JROTC (AFJROTC) offers a one to four year elective course designed to "develop citizens of character dedicated to serving their nation and community". The program combines traditional classroom instruction with military-style training techniques to help students, referred to as cadets, grow in personal responsibility, self-discipline, and leadership. Participation in AFJROTC does not require a military service commitment. However, cadets who choose to enlist after graduation may qualify for early promotions.

Cadets in all grade levels are required to wear the AFJROTC uniform once a week. Uniforms are issued after cadets demonstrate the ability to meet basic Air Force grooming standards (e.g., haircuts, shaving, and appropriate use of cosmetics). Dress and appearance guidelines are detailed in Air Force Instruction 36-2903. Failure to maintain these standards may result in failing grades and dismissal from the program.

Each semester, cadets study topics in Aerospace Science, Leadership Education, and Wellness. While the specific Aerospace Science subject rotates annually, it may include the history of flight, space exploration, or global cultural studies. Leadership Education focuses on citizenship development through instruction in Air Force customs and traditions, drill and ceremony (marching), and life/career skills. The Wellness component includes weekly physical training (PT) sessions designed to encourage a healthy, active lifestyle. Students enrolled in JROTC I receive physical education substitution credit.

The rotating curriculum allows students to take JROTC courses for up to four years without repeating content. Classes often include cadets from all grade levels, giving experienced students opportunities to apply and refine their leadership skills. The primary distinction between JROTC I, II, III, and IV lies in the increasing leadership responsibilities assigned to cadets as they advance. The ultimate goal of the program is to establish a cadet-run corps that serves its members, the school, and the broader community.

JROTC I

Local Code: 8011
State Code: PES00004
Grade Placement: 9 – 12
Prerequisite: None
Credit: 1.0
Site: SHS
JROTC I is the introductory course for all new cadets. Students focus on becoming effective cadet followers while learning basic Air Force JROTC customs and courtesies, dress and appearance standards, and drill fundamentals. Enrollment in this course provides physical education substitution credit.

JROTC II

Local Code: 8012
State Code: 03160200
Grade Placement: 10 – 12
Prerequisite: JROTC I
Credit: 1.0
Site: SHS
JROTC II is designed for second year cadets. These students will generally help train new cadets, lead smaller extracurricular teams or clubs, or manage a specific functional area within the cadet corps.

JROTC III

Local Code: 8013
State Code: 03160300
Grade Placement: 11 – 12
Prerequisite: JROTC II
Credit: 1.0
Site: SHS
JROTC III is designed for third-year students. These junior and senior cadets focus on leading larger groups and managing programs that impact the entire Cadet Group.

JROTC IV

Local Code: 8014
State Code: 03160400
Grade Placement: 12
Prerequisite: JROTC III
Credit: 1.0
Site SHS
JROTC IV is designed for fourth-year students. These senior cadets have completed the full JROTC program and are typically responsible for overseeing all cadet activities. In addition to their leadership roles, fourth-year cadets may be assigned special corps projects or serve as instructor aides.

Peer Assistance Leadership - PAL

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
Peer Assistance & Leadership I	1.0	1	11 – 12	Application, Teacher Approval
Peer Assistance & Leadership II	1.0	1	12	PAL I

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

Peer Assistance and Leadership I (PAL I)

Local Code: 1825
State Code: N1290005
Grade Placement: 11 – 12
Prerequisite: Application and Teacher Approval
Credit: 1.0
This course provides selected students with the opportunity to receive training as peer facilitators, working with younger students either on their own campus or from feeder middle and elementary schools. PAL students will develop skills that enable them to support younger students in having a positive and productive school experience.

Peer Assistance and Leadership II (PAL II)

Local Code: 1826
State Code: N1290006
Grade Placement: 12
Prerequisite: PAL I
Credit: 1.0
This course offers selected students the opportunity to further develop their skills as peer facilitators, working with younger students either on their own campus or from feeder middle and elementary schools. PAL 2 students will build upon the skills acquired in PAL 1, applying them to support younger students in having a positive and productive school experience

Preparing Academically for Tomorrow's Higher Success (PATHS)

Course Name	Credits	GPA Level	Recommended Grade Level	Prerequisites
PATHS I	1.0	1	9	District Admissions Process
PATHS II	1.0	1	10	PATHS I
PATHS III	1.0	1	11	PATHS II
PATHS IV	1.0	1	12	PATHS III

GPA Levels:

- Level 1 = No extra points toward GPA
- Level 2 = 5 extra points toward GPA
- Level 3 = 10 extra points toward GPA

PATHS I

Local Code: 1891
State Code: N1290051
Grade Placement: 9
Prerequisite: District Application/Admissions Process
Credit: 1.0
Preparing Academically for Tomorrow's Higher Success (PATHS) is an academic elective course designed to develop college-level skills and prepare students for college and career readiness. This Level 1 course focuses on building foundational skills essential for future success, including critical thinking, problem-solving, and effective communication. Students will engage in tasks and projects that promote intellectual curiosity, dependability, and emotional resilience, while encouraging deeper levels of thinking and reasoning across core content areas. PATHS students are expected to maintain enrollment in an Advanced Academic course.

PATHS II

Local Code: 1892
State Code: N1290052
Grade Placement: 10
Prerequisite: PATHS I
Credit: 1.0
Preparing Academically for Tomorrow's Higher Success (PATHS) is an academic elective course designed to develop college-level skills and prepare students for success in both college and career pathways. The second year of the program builds on the foundation established in PATHS I, further enhancing students' abilities in critical thinking, problem-solving, and communication. Students will engage in more complex tasks and projects that demand a high level of intellectual curiosity and perseverance. The course also introduces advanced time management and ethical decision-making skills. PATHS students are expected to maintain enrollment in an Advanced Academic course.

PATHS III

Local Code: 1893
State Code: N1290053
Grade Placement: 11
Prerequisite: PATHS II
Credit: 1.0
Preparing Academically for Tomorrow's Higher Success (PATHS) is an academic elective course designed to develop college-level skills and prepare students for success in both college and career settings. This course builds on previous learning by advancing students' readiness through a focus on specialized skills. Students will complete projects that require advanced critical thinking, problem-solving, and effective communication. The course also emphasizes the development of personal and interpersonal skills, including teamwork and leadership. PATHS students are expected to maintain enrollment in an Advanced Academic course.

PATHS IV

Local Code: 1894
State Code: N1290054
Grade Placement: 12
Prerequisite: PATHS III
Credit: 1.0
Preparing Academically for Tomorrow's Higher Success (PATHS) is an academic elective course designed to develop college readiness skills and prepare students for success in both college and career pathways. As a capstone course, PATHS challenges students to apply the skills they have built throughout previous levels, with a focus on real-world applications and the transition to postsecondary education or the workforce. Students will engage in comprehensive projects that require ethical decision-making, advanced time management, and a high level of intellectual curiosity and perseverance. PATHS students are expected to maintain enrollment in an Advanced Academic course.

Public Notification of Nondiscrimination in Education for all Children with Disabilities

Section 504 of the Rehabilitation Act of 1937 and the Americans with Disabilities Act (ADA) requires the Eagle Mountain-Saginaw Independent School District not discriminate on the bases of handicap in any district program or activity. The district will identify, evaluate, and provide an appropriate public education to students who are handicapped under Section 504, including homeless children.

La Sección 504 de la Ley de Rehabilitación, de 1973, y la Ley de Americanos con Impedimentos (ADA) requieren que el DISTRITO ESCOLAR INDEPENDIENTE de EAGLE MOUNTAIN-SAGINAW no discrimine basándose en impedimentos, en ningún programa o actividad del distrito. El distrito identificará, evaluará y ofrecerá una educación pública adecuada a los estudiantes con impedimento, de acuerdo con la Sección 504, incluyendo a los niños sin hogar.

It is the policy of Eagle Mountain-Saginaw ISD not to discriminate on the basis of race, color, national origin, sex or handicap, in its Career and Technical (vocational) programs, services or activities as required by Title VI of the civil rights act of 1964, as amended: Title IX of the education amendments of 1972: and section 504 of the rehabilitation act of 1973, as amended.