



WACO INDEPENDENT SCHOOL DISTRICT

SECONDARY SCHOOL INFORMATION GUIDE 2020-2021





Waco ISD

2020-2021

Secondary School Information Guide

2020-2021

The Secondary School Information Guide contains important information for students on how they can be successful in middle and high school. The guide highlights WISD policies, rules and regulations that apply to secondary school students, and it provides detailed information about the courses offered. Most importantly, the guide offers the information needed to plan the courses taken to graduate from high school and to be not only accepted but also successful at the colleges chosen by students as institutions to prepare them for their desired careers.

The Guide has six sections:

- General information for all secondary students and parents
- Middle school-specific information and course descriptions
- High school-specific information and graduation requirements
- Graduation plan options
- High school course descriptions
- High school Career and Technical Education Academies and course descriptions

Waco ISD Mission Statement:

Waco ISD will ensure innovation and excellence in education to prepare all learners for productive engagement in a global society.

This guide can be used in several ways. First, students can identify topics that of interest from the Table of Contents and go directly to them. Second, students can read the general information section completely as well as the sections regarding middle school or high school, as applicable. Third, students can refer to the descriptions of courses chosen for the next academic year.

Students should look ahead at the classes necessary to meet graduation requirements for their future goals. Many of those classes have prerequisite courses that must be taken during the freshman, sophomore or junior year. If the prerequisites have not been met by the senior year, the higher-level courses will not be available, causing a lack of credits and delayed graduation, so students should plan ahead. Counselors and teachers can help in selecting the right classes as preparation for college and a career of choice.

WISD Disclaimer:

The contents of the Secondary School Information Guide are relevant to WISD Policy (Legal and Local), Regulation and Practice to date. For current information regarding district policy, please refer to the Waco Independent School District website at www.wacoisd.org or visit a school counselor.

Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person responsible for the initial decision. After discussing the matter, if the concern continues, the principal should be contacted.

For information or complaints regarding compliance with the nondiscrimination requirements of Title IX, contact Waco ISD Director of Athletics, at 254-745-2250. For information or complaints regarding compliance with the nondiscrimination requirements of Section 504 or the Rehabilitation Act of 1973, as amended, contact Waco ISD Director of Special Education at 254-755-9473 or Waco ISD Assistant Superintendent of Human Resources at 254-755-9473 at P.O. Box 27, Waco, TX, 76703.

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SECTION I: GENERAL INFORMATION FOR SECONDARY SCHOOL STUDENTS AND PARENTS



Succeeding in Secondary School

Success in middle and high school requires planning and hard work. This section of the Secondary School Information Guide is intended to answer many of the questions students and their parents have about planning for graduation as well as the rules and procedures schools in Waco ISD follow.

Students should use this guide to help select middle and high school courses, a graduation plan, and an endorsement. While several courses are required, many enjoyable and enriching electives are available. Students should choose courses carefully, plan to work hard, and get involved in extracurricular activities.

Planning for Academic and Career Success

Academic and career planning is an ongoing process for students in Waco ISD. Counselors and other district-level personnel present guidance and career-planning activities to students in grades 5-12. Courses like AVID (Advancement Via Individual Determination) also offer students the opportunity to be continuously working toward their post-secondary goals.

Helping Students at Home

Parents play influential roles in assisting with the planning, preparation and development of the 4-year plan. Parents should help with the following tasks:

- Review this guide and other materials received from the school; discuss them with the student.
- Learn graduation plan requirements and ensure the student meets them.
- Ensure students select courses that meet their educational & career goals.
- Help students explore colleges and careers of interest.
- Encourage students to take Advanced Placement and/or Dual Credit courses to earn college credit while in high school at no expense to them.
- Encourage students to participate in co-curricular and extra-curricular activities.

Understanding the High School Transcript

The high school transcript is the official and permanent record of a student's academic performance in courses completed during high school and, in some cases, completed prior to high school. This record notes the level of rigor of the courses taken, whether the courses also earned college credit, a cumulative grade point average calculated from grades received given their weights, the student's rank compared to all others at the grade level, and endorsement(s), distinction(s), and any performance acknowledgements earned by the student. Although 6-week grades are used to calculate semester grades, only final semester grades are recorded on the transcript.

This document also notes students' scores on various examinations while in high school: End-of-Course STAAR assessments, ACT, SAT, Advanced Placement (AP), and Texas Success Initiative Assessments (TSIA). If a student leaves Waco ISD to attend school elsewhere, this record will be required by the new institution at enrollment. Transcript entries may not be altered or removed, except to correct errors. Higher education institutions require this evidence of students' academic progress.

Participating in Co-Curricular and Extracurricular University Interscholastic League (UIL) Activities

Students involved in extra-curricular (after school) and co-curricular (related to a course taken during the school day) activities are often more successful in school. Waco ISD offers clubs, teams, and other opportunities for learning academic and social skills, making friends, and developing leadership skills. Activities that support school-day coursework include language clubs, journalism, debate, theatre arts, band, orchestra, choir, Academic Decathlon, mock trial, Skills USA, National History Day fair, Science Fair, and a multitude of academic, athletic and artistic University Interscholastic League (UIL) events. Students can support classroom learning in these activities while also earning individual or group honors.

Student athletes can further their development by participating in extracurricular UIL sports. Waco ISD high schools offer football, volleyball, cross-country, golf, tennis, basketball, baseball, softball, soccer, and track & field; middle schools offer football, volleyball, basketball, soccer, and track & field. NOTE: *Per UIL regulations, sixth grade students are not eligible to participate in UIL activities. The can participate starting in grade seven.* (<http://pol.tasb.org/Policy/Download/867?filename=FM%28LEGAL%29.pdf>).

Losing Eligibility for Extracurricular Activities

Any student with a failing six-week grade will be suspended from competition. Some advanced courses are exempt from this rule. Refer to WISD policy FM (Local) at <http://pol.tasb.org/Policy/Download/867?filename=FM%28LOCAL%29.pdf> for additional information.

Monitoring Success

Defining the Grading System

Student grades are based on a numerical scale of 0-100. A grade of 70 or above is considered passing. Grading and reporting of student progress is intended to help increase each student's achievement. An effective grading system allows educators to clearly communicate student progress toward pre-defined curricular standards in a way that is equitable, accurate, and useful. The full text of the WISD grading policy is available at each campus and on the District's website.

Note: The contents of the Secondary School Information Guide are relevant to WISD Policy (Legal and Local). For current information regarding district policy, please refer to the District website at www.wacoisd.org or visit with a school counselor.

Understanding Letter Grades

Waco ISD utilizes a percent-based grading scale. When students transfer to WISD from a school that assigns letter grades rather than percent-based (0-100) grades, a uniform grading conversion system will be used to translate letter grades to numerical scores in all Waco ISD secondary schools. This system applies to credits completed through Dual Credit as well.

Waco ISD Alpha to Numeric Conversion Chart

A	Excellent	A+	99
		A	96
		A-	92
B	Good	B+	89
		B	86
		B-	82
C	Fair	C+	79
		C	76
		C-	72
D			70
F	Failing	(below 70)	60

Exception: Upon receipt of an alpha-to-numeric conversion scale from the sending district, the sending district's grading scale is used in lieu of WISD's conversion chart.

Achieving Honor Roll Status

The honor roll system recognizes and rewards notable academic achievement in secondary schools. Honor roll recognition is based on scholarship achievement only. It has no relationship to National Honor Society requirements. Students in grades 6 through 12 will be placed on the "A" Honor Roll each six weeks if they achieved a 90 or above in all subjects. Students will be placed on the "A-B" Honor Roll each six weeks if they achieved an 80 or above in all subjects.

Interpreting Report Cards and Progress Reports

Report cards provide clear and concise information about a student's academic performance and promote communication among teachers, students, and parents about the student's personal development, conduct, and work habits. Report cards issued at the end of the semester also include semester examination grades for each course in which the student has not received an exam exemption and an examination was taken. The final semester grade is then placed on the student's official transcript.

The report card reflects progress at a point in time. The cumulative grade point average reflects all completed high school credit courses through the given reporting semester, excluding grades earned in high school courses taken prior to grade 9. Only final semester grades are included in the calculation of the cumulative grade point average. The high school report card reflects the cumulative grade point average.

Determining Grade Level, Promotion and Graduation

Eligibility

Earning Middle School Grade Promotion

To be promoted from one grade to the next, a middle school student must complete the following requirements:

- achieve an overall grade average of 70 in all courses; AND
- attain an average of 70 or above in English language arts, mathematics, AND social studies OR science.

See Waco ISD policy at the link below if questions exist. (<http://pol.tasb.org/Policy/Download/867?fileName=EIE%28LOCAL%29.pdf>):

Establishing High School Grade-Level Classification

Promotion, grade-level advancement, and course credit shall be based on mastery of the curriculum standards. Advancement for students in grades 9-12 shall be determined by course credits and the number of years completed of high school (EIE Local).

Grade:	H.S. Credits:
9	0-5
10	6-11
11	12-17
12	18 and above

Denied credit(s) are not included when factoring credit totals; credit totals are based on all awarded credits, including local credits and repeated and passed credits.

Transferring Courses and Grades in to or out of Waco ISD

Classifying Students Entering from Outside of the District

Students entering the District from an accredited public, private, or parochial school shall provide evidence of prior schooling outside the District and shall be placed initially at the grade level reached elsewhere. For students in grades 9-12, initial grade-level placement will be based upon the number of current credits earned in the sending district and the student's original year of entry to 9th grade.

A student entering the District from non-accredited public, private or parochial schools, including home schools, shall be placed at the discretion of the principal, pending assessment appropriate to the student's grade level, validation of credits, or results of credit-by-examination tests [FD (Local)]. Entering students will secure information from the school counselor regarding validation of credit through credit by examination. If the student chooses not to request credit validation, the student will enroll in the courses in the grade-level determined most appropriate by the principal. [EEJA (LOCAL and REGULATION)]

Waco ISD expects students, based on their residence addresses, to attend their assigned schools. However, under certain circumstances, a student may need or wish to transfer to another campus. To obtain a transfer, the parent must secure a transfer form from the student's school office, complete it, and submit it to the Office of Student Services. Once transferred, a student may not return to his or her original school during the school year unless both principals agree. [See FDB (Legal)]

Transfer students and their parents assume responsibility for satisfactory attendance, discipline, achievement, transportation and cooperation with the school staff while at the transfer school. If these responsibilities are not met, a transfer may be revoked. If a transfer is revoked, the student may not subsequently request a transfer back to the same school.

Transferring Courses and Grades

When a student transfers after a semester or full year is completed, the receiving district must honor credits already awarded by the sending Texas public district or charter (19 TAC§74.26(a)(1)), including high school courses completed prior to grade 9. Student records from non-Texas public schools (i.e., private, out-of-state or out-of-country) will be evaluated for transfer of credit, including courses completed prior to grade 9. Credit will be awarded provided the curriculum of the course is aligned with the Texas Essential Knowledge & Skills (TEKS).

Foreign transcripts and supplemental documents should be translated into English and presented to the campus registrar with the original foreign transcript, upon request from the high school registrar or counselor; a course syllabus may be required. Waco ISD Alpha-to-Numeric Grading Conversion and GPA standards will be applied to course credits and grades transferring from out-of-district institutions. Validation of course credit from non-accredited institutions, including homeschool institutions, is optional, but once a credit is validated, the credit cannot be rescinded. The method for validating course credit is through credit by examination. Waco ISD has no authority on how receiving districts will evaluate courses for transfer when students withdraw from Waco ISD to attend other secondary institutions.

Using ESSA Options and Diversity Choice to Attend Other Schools

No later than the first day of school of the year following identification, a school identified for school improvement shall provide all enrolled students with the option to transfer to another public school in the District that has not been identified for school improvement. [Policy CNA and FDB]

Changing Courses

Requesting a Course Change

From time to time, it is necessary for students to change courses during the semester. If a student needs to change a course or transfer from one course to another, the student should discuss the need with the school counselor. This should include the following procedures:

- For a semester or year-long course, a student may ONLY withdraw from a course within the first ten days of instruction. However, to meet individual student's needs, the principal may use his or her discretion to approve a course change.
- A student who withdraws from a course before the deadlines stated above will have the grade from the dropped course applied to the grade for the new course. It is highly recommended that a student transfer from one course to another in the same discipline.
- Receiving teachers will describe the knowledge and skills essential for success in the course and will suggest ways to learn them. A student who requests and receives a course change assumes responsibility for the content of the entire course on the final examination.

Correcting Course Errors

Students will receive a list of courses requested for the new school year. Prior to the submission of these choices to the counselor, students and parents should review them carefully for accuracy as these choices impact course availability and staffing. Course corrections will only be made for errors in the students' schedules.

Choosing Special Schools and Programs

Attending A. J. Moore Academies at University High & Lake Air Montessori Magnet

Waco ISD has several advanced programs available to students at the secondary level that allow them to find the educational initiative that corresponds best to their learning needs.

A. J. Moore Academies at University High School offer high school students an opportunity to study in one of eight career pathways. Those pathways include Arts, AV, Technology and Communications (including Animation, Commercial Photography, Graphic Arts, and Video Production), Automotive Technology, Education and Training, Law and Criminal Justice, Business and Finance, Culinary Arts and Engineering. Students can also begin the Health Science, Welding, Electronics & Robotics, Architectural Design and Construction Science courses before moving to the Greater Waco Academies.

Lake Air Montessori Magnet is a magnet program that serves WISD students in pre-kindergarten (starting at age 3) through 8th grade. The Montessori Method is a comprehensive educational approach based on the observation of children's natural learning tendencies as they unfold in "prepared environments" for multi-age groups.

Exploring the Greater Waco Advanced Manufacturing Academy

A unique and innovative collaboration between the local business community and the Waco Independent School District, the Greater Waco Advanced Manufacturing Academy (GWAMA) seeks to provide students access to skills that ready them to move into their professions. The business advisory board for GWAMA consists of individuals who are manufacturers, the Waco Business League, and the Greater Waco Chamber of Commerce.

What sets GWAMA apart from vocational schools of the past is that the program is designed for all students, not just those who would not be successful at a traditional school. The campus immerses students in the career and technical education courses of welding, precision metal manufacturing, construction, and electronics/robotics with the goal of preparing them to obtain workforce certifications. Dual credit is available for many of the courses through Texas State Technical College (TSTC). See **Appendix A** for more information on dual credit coursework offered through McLennan Community College and Texas State Technical College at both high school campuses and the Greater Waco Advanced Academies.

Choosing the Greater Waco Advanced Health Care Academy

The Greater Waco Advanced Health Care Academy (GWAHCA) is a unique and innovative collaboration between the local health care community and Waco area school districts, offering a challenging learning environment that encourages high expectations for student success in the healthcare field. The academy empowers students to be competitive and workforce ready in both our community and global society.

The twin philosophies of realism and experimentalism have been expressed by the members of the GWAHCA Executive Board, who seek to provide students an experience that aligns with what they will encounter after they graduate and work in the health care industry. Through a diverse and challenging curriculum focusing on basic science, GWAHCA cultivates student interest in various sciences and health professions by providing a quality education with field experiences that develop the academic, social and personal qualities necessary for students to realize their fullest potentials as lifelong learners and productive, caring citizens of the world.

Students leave GWAHCA with their Certified Nursing Assistant (CNA) certifications and can obtain Advanced CNA certificates developed locally, in collaboration with Providence and Baylor Scott and White (Hillcrest) Hospital staffs. Students can take Dual Credit courses through McLennan Community College (MCC) for hours toward their college degrees.

Utilizing Services for Students with Special Circumstances

Serving English Learners (ELs)/Limited English Proficient (LEP)/English as a Second Language (ESL)

The middle school language arts curriculum provides English instruction for English Learners (ELs) taught by instructors certified in English as a Second Language (ESL) so that students develop the abilities to listen, speak, read and write in English. A reading class is recommended for English Learners who may not be reading on grade level to further develop comprehensive English skills. The English as a Second Language (ESL) teacher provides English instruction to meet the needs of students at the beginning, intermediate and advanced levels of proficiency.

For recent Spanish-speaking immigrant students, Spanish for Spanish Speakers strengthens the students' primary language and reinforces the Texas Essential Knowledge and Skills required for meeting the standards on STAAR/EOC. For speakers of languages other than Spanish, it is recommended that a student enrolls in classes that will enhance the first language. This is particularly important for students enrolling in the school district with low literacy skills, resulting from interrupted schooling or no previous school experience.

A sheltered English course is recommended for ELs who, after being in the United States for two or three years, are transitioning into regular English courses but have not learned enough English to perform at the same levels as their native English-speaking peers. For recent immigrant students who have been in a United States school for fewer than three years, the English Language Development and Acquisition (ELDA) class will be required of students along with an English as a Second Language class.

Utilizing Brazos Credit Recovery Center

The Brazos Credit Recovery Center provides a flexible, self-paced learning environment that enables students to recover credits in core subject areas to earn the credits necessary to graduate on schedule. Students are accepted for enrollment based on need. Fifth-year high school students are given priority. Students interested in enrolling in the credit recovery center should contact their high school counselors.

Requiring Homebound Program Services

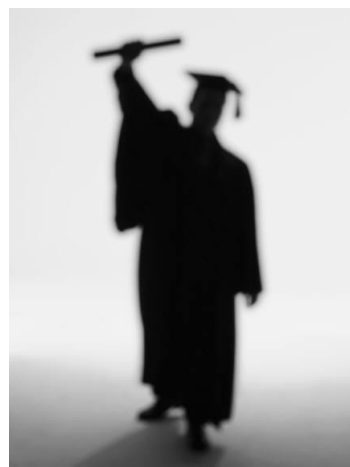
The Homebound Program provides home-based instructional services for students confined to home or to a hospital. A student qualifies for Homebound services if, for medical reasons, he or she is expected to be confined at home or to a hospital for a minimum of 4 weeks and has a medical condition documented by a physician licensed to practice in the United States. Those with questions about the Homebound Program should contact the school nurse or 504 coordinator.

Needing Pregnancy-Related Services (PRS)

During pregnancy and after delivery, students are eligible for instructional support services to stay on track in their academic courses. Services are provided when a student is (1) pregnant and attending classes on a campus; (2) confined to home due to medical complications; or (3) confined during the six-week postpartum period. For more information about these services, contact the school nurse.

SECTION II: GENERAL INFORMATION FOR SECONDARY SCHOOL STUDENTS AND PARENTS

Course Numbering Scheme for Middle School



Category	Grade	Class Type	Class Number
<u>Category:</u>	<u>Grade:</u>	<u>Class Type:</u>	<u>Class Number:</u>
English— 1	6 – 6 th grade	Standard— 1	Standard— 00, 70-89
Mathematics— 2	7 – 7 th grade	Pre-AP— 2	Beginner— 01-03
Social Studies— 3	8 – 8 th grade	Inclusion— 3	Intermediate— 04-06
Science— 4	All - 0	Bilingual/ESL— 4	Adv/Adv High— 07-09
Fine Arts— 5		Functional Academics— 5	Sub-Non-Varsity— 10-29
LOTE— 6		Resource— 6	Non-Varsity— 30-49
Health/PE— 7		Local Credit/Exam/Online— 7	Varsity— 50-69
Other Electives— 8		Remediation/Intervention— 8	Remediation— 97
CTE/Tech Apps— 9		High School Credit— 9	Inclusion— 98
Non-categorized— 0		ATLAS— 0	ATLAS Inclusion — 99

For example, 6th Grade PreAP Science would be 4 6 2 0 0
and
7th Grade English for Bilingual Newcomers would be 1 7 4 0 5

Middle School Course Sequences

Grade 6						
Literacy	Math	Science	Social Studies	PE	Fine Arts	Elective
Grade 7						
Literacy	Math	Science	Social Studies	PE/Athletics	Elective	Fine Arts
Grade 8						
Literacy	Math	Science	Social Studies	Interpersonal Studies (one semester) or AVID (full-year)	Select 2 of 3 1. Touch Data Entry * 2. Fine Arts* 3. Spanish* 4. PE* 5. Other Electives (some for HS credit)	

*Offered for High School Credit

Understanding Middle School Education's Mission: Our Loftiest Aspiration

The mission of middle-level education, where children explore and discover unique identities, is to ensure all students demonstrate high academic achievement and develop confidence and character to succeed in high school and beyond. This is accomplished in the following ways:

- Engaging students in rigorous, relevant, world-class curriculum and instruction;
- Fostering meaningful relationships;
- Encouraging respect and appreciation of diversity;
- Promoting civic engagement;
- Supporting students' intellectual, physical, social and emotional well-being.

Implementing Middle School Education Strategies

To achieve this lofty goal, Waco ISD pledges to uphold the following guidelines:

- We will develop, recruit, support, retain and recognize highly qualified principals, teachers and staff at every middle school to ensure that every student has a quality education.
- We will implement a rigorous, relevant, world-class curriculum and ensure that teachers have the professional development necessary to consistently apply best instructional and assessment practices.
- We will develop a comprehensive plan, in partnership with outside resources and agencies, to support at-risk students and their families to increase student attendance and reduce barriers to learning.
- We will promote healthy lifestyles and safe learning environments at every middle school to ensure that students are fit, healthy and ready to learn.
- We will design middle-level learning environments that foster relationships and smaller learning communities, addressing such needs as career exploration, and project-based learning.
- We will identify and implement effective academic support and interventions for underachieving students.
- We will create and implement effective transition programs for entering and exiting middle school.

Waco Independent School District's middle schools serve students in grades six to eight. Waco ISD middle schools are designed to meet the needs of adolescents.

Examining the Middle School Curriculum

Waco ISD provides middle school students a well-balanced curriculum that exceeds the requirements of the Texas Education Agency (TEA). The WISD academic program offers all students the same basic course of study.

Students in grades 6-8 are required to take core courses in Literacy, mathematics, science, social studies, physical education, and fine arts.

During the middle school years, students need to broaden academic and career options and develop the foundation needed for success in high school. In addition to the required courses, students choose optional courses (electives) in fine arts, languages other than English, technology, speech, Career and Technical education or additional physical education courses. Specific required and elective courses may vary from school to school.

Waco ISD middle schools offer Pre-Advanced Placement courses in English, mathematics, science and social studies, as well as other services to gifted and talented students. These courses provide additional challenges within the traditional program of instruction. Any student with the interest, ambition and motivation to enroll in one or more advanced academic courses may do so with parent permission. Many middle schools also offer selected courses for high school credit.

High school courses taken in middle school may count toward high school graduation requirements. Examples of these courses are Physical Education, Algebra I, Career and Technical education and Languages Other Than English (LOTE). Students in grades 6-8 enrolled in a high school course will take the corresponding STAAR EOC assessment, as required for graduation, such as for Algebra I.

High school-level courses completed at the middle school level, regardless of outcome, shall post to the official transcript—the high school academic record.

The final grade will not be included in calculating high school grade-point averages but will appear on the high school transcript.

A counselor can assist students and parents in choosing appropriate courses. Teachers may also make recommendations to parents to move students into advanced academic courses and will contact the parent to discuss this. If the parent wishes to move the child into one or more advanced academic courses, the parent will need to conference with the current teacher and/or counselor.

Preparing Students' Schedules

Beginning in the sixth grade, students should start considering their future course schedules, as they will choose high school graduation plans and endorsements as well as create their four-year plans by the end of 8th grade. Therefore, when choosing elective courses, sixth and seventh grade students should consider what is required to accomplish their goals. For instance, if students are interested in taking advanced band, choir or theatre arts in eighth grade, students should select the beginning course in sixth grade and the intermediate course in seventh grade. A course that is required prior to another course is called a "prerequisite course." Although many beginning courses are available to 7th and 8th grade students, students should determine whether courses taken in 7th and 8th grade require any prerequisite courses.

Students should plan schedules for the upcoming year by selecting from the required and elective courses. Required core courses will either be regular or Pre-AP level. Required physical education courses and optional elective courses will either be one semester or last an entire year. Course descriptions for required and elective courses follow in the Middle School Course Description section.

Choosing Pre-Advanced Placement (Pre-AP) Courses

The Pre-AP program is a level of challenging courses designed to teach students strong study skills and learning strategies. Pre-AP courses emphasize critical thinking, reading, research, and writing, and, as appropriate, advanced performance expectations. Pre-AP courses are taught by teachers with specialized training.

Enrolling in ATLAS Academy

ATLAS Academy is a program of choice that addresses student interest in the humanities, sciences and technology as the foundation for Pre-AP advanced learning in all content areas. Students who attend ATLAS in grades six through eight work closely with multi-talented, creative teachers who guide them in developing a deep understanding of subject matter through direct instruction, problem-based learning, collaborative exploration, and discovery. Instruction is interdisciplinary. A strong emphasis on technology exists across the ATLAS curriculum. Texas Essential Knowledge and Skills (TEKS) are integrated into thematic units centered on 21st Century skills and problems of relevance to adolescent learners. Emphasis for all students is on applied learning experiences that help them function with increasing competency as researchers, creators, problem solvers, and practitioners. Problem-based study using a variety of research strategies, group activities and independent work allows students to pursue individual interests in depth.

Mini-courses are an integral part of ATLAS and are offered as specialized electives to address the variety of gifted students' interests. All students taking mini-courses start with a research course. This course includes study skills relevant to all academic classes, and study involving researching a service learning project that is then implemented in the community to address character development.

After the completion of the research mini-course, students have the option of several interest-based mini-courses. Courses range from robotics to international cooking. These courses are multi-aged and six weeks in length, allowing each student to take six mini-courses per year in addition to the research class.

MIDDLE SCHOOL COURSE DESCRIPTIONS

Students will be placed in Pre-AP classes based on STAAR results or by a parent signature on course request sheets. Students identified as G/T must be registered for Pre-AP classes in the area(s) in which they have been identified as gifted to maintain G/T designation and receive G/T services. Pre-AP classes include strategies that students will require if they choose to enroll in AP courses at the high school level. Pre-AP classes are more advanced.

LITERACY

Literacy classes provide instruction and practice by exposing students to a variety of genres (including media literacy), writing modes, listening and speaking situations, and higher-level thinking exercises by completing research projects requiring understanding and evaluation of various textual and visual artifacts, reinforcing grammar, usage, vocabulary and reading comprehension skills.

Writing 6/Writing 6 PreAP
Local Course #: 16171/16271
TEA #: 02800000

Reading 6/Reading 6 PreAP/Read Lab 6
Local Course #: 16170/16270/Lab 16897
TEA #: 02810000/Lab 03273410

Writing 7/Writing 7 PreAP
Local Course #: 17171/17271
TEA #: 03200540

Reading 7/Reading 7 PreAP/Read Lab 7
Local Course #: 17170/17270/Lab 17897
TEA #: 03273440/Lab 03273420

Writing 8/Writing 8 PreAP
Local Course #: 18171/18271
TEA #: 03200550

Reading 8/Reading 8 PreAP/Read Lab 8
Local Course #: 18170/18270/Lab 18897
TEA #: 03273450/Lab 03273430

LITERACY FOR NON-ENGLISH SPEAKERS (ESL)

ESL classes prepare beginner English Learners (ELs) for academic success in all content areas by covering the concepts, knowledge and skills in the English Language Arts curriculum with additional linguistic concepts. English Learner Language Acquisition (ELLA) takes the place of English 7 or 8 for Intermediate speakers, strengthening their knowledge of suffixes, prefixes, and daily vocabulary. Students learn the English language to obtain, process and construct knowledge to demonstrate their understanding of subject matter through listening, speaking, reading and writing, while also preparing students to participate in the Texas English Language Performance Assessment System (TELPAS), which monitors students' growth in English Language skills.

Writing 6 ESL
Local Course #: 16402/16406/16409
TEA #: 02800000

Reading 6 ESL
Local Course #: 16401/16405/16409
TEA #: 02940000

Writing 7 ESL
Local Course #: 17402
TEA #: 03200540

Reading 7 ESL
Local Course #: 17401
TEA #: 03200400

ELLA 7
Local Course #17404
TEA #: 03200531

Writing 8 ESL
Local Course #: 18402
TEA #: 03200550

Reading 8 ESL
Local Course #: 18401
TEA #: 03200500

ELLA 8
Local Course #18404
TEA #: 03200532

SCIENCE

Students learn concepts in an integrated approach to life, earth and physical sciences with emphasis on inquiry-based field and laboratory investigations. A unit in personal health and sexuality is included in Grade 7, utilizing a curriculum approved by the district's Student Health Advisory Committee.

Science 6/Science 6 PreAP/Science 6 ESL
Local Course #: 46100/46200/46400

TEA #: 03060600

Science 7/Science 7 PreAP/Science 7 ESL
Local Course #: 47100/47200/47400

TEA #: 03060700

Science 8/Science 8 PreAP/Science 8 ESL
Local Course #: 48100/48200/48400

TEA #: 03060800

SOCIAL STUDIES

Students learn about events, leaders, beliefs and geography in economic and political systems and cultures. Grade 6 curriculum emphasizes modern life in world regions. Grade 7 curriculum covers Texas Geography and History, and Grade 8 curriculum focuses on U.S. History from exploration through the Civil War.

Social Studies 6/Social Studies 6 PreAP/Social Studies 6 ESL
Local Course #: 36100/36200/36400
TEA #: 02870000

Social Studies 7/Social Studies 7 PreAP/Social Studies 7 ESL
Local Course #: 37100/37200/37400
TEA #: 03343000

Social Studies 8/Social Studies 8 PreAP/Social Studies 8 ESL
Local Course #: 38100/38200/38400
TEA #: 03343100

MATHEMATICS

Throughout mathematics in Grades 6-8, students build a foundation of basic understanding of numbers, operations and quantitative reasoning; patterns, relationships and algebraic thinking; geometry and spatial reasoning; measurement; and probability and statistics.

Math 6/Math 6 PreAP/Math 6 ESL/Math Lab
Local Course #: 26100/26200/26400/Lab 26800
TEA #: 02820000/Lab 02640060

Math 7/Math 7 PreAP/Math 7 ESL/Math Lab
Local Course #: 27100/27200/27400/Lab 27800
TEA #: 03103000/ Lab 08080334

Math 8/Math 8 PreAP/Math 8 ESL/Math Lab
Local Course #: 28100/28200/28400/Lab 28800
TEA #: 03103100/Lab 08080335

Algebra I

Some eighth graders may choose to take Algebra I for high school credit, if they mastered material taught in math 6 & 7, as proven by a passing score on the WISD Algebra Readiness Test. Students completing Algebra I may use the credit to partially satisfy the high school mathematics graduation requirement, which requires four mathematics courses, including Algebra I and Geometry. Grades earned in this course are not included in the HS GPA.

Local Course #: 28900
TEA #: 03100500
Course Code: ALG 1
Grade(s): 8
HS Credit: 1.0

HEALTH & FITNESS

Lifetime Nutrition and Wellness

This one-semester course introduces students to skills that enable them to lead healthy lives. Students will explore and learn the function and care of body systems and the effects of alcohol, tobacco, and drugs on these systems. Students also study first aid and sexually transmitted diseases with a strong emphasis on sexual abstinence.

Local Course #: 90973 (semester-long)
TEA #: 13024500
Course Code: LNURTWEL
Grade(s): 7-8
HS Credit: 0.5

PHYSICAL EDUCATION

IMPORTANT: All middle school students must complete at least four semesters of physical education (PE) or PE substitutions. Students must take at least 1 semester of general PE or PE substitution, such as athletics, dance, cheerleading, private or commercially-sponsored programs held off campus. per middle school gradelevel.

PHYSICAL EDUCATION SUBSTITUTIONS FOR MIDDLE SCHOOL

Physical Education substitutions allow students to use approved physical activities to meet the PE requirements for middle school. An approved Off-Campus PE-equivalent program may substitute for the PE requirement for 7th and 8th grade. All students will be assessed on their physical fitness using the FITNESSGRAM assessment, based on their health classification.

Physical Education 6

Students in 6th grade gain deeper understandings of the functions of the body and use technology to measure their own performance, such as a pedometer to track physical activity. Students identify types of physical activities that provide them enjoyment and challenge to encourage physical activity throughout life. The 6th grade physical activity foci are basketball, flag football, jump rope, soccer, tennis, track & field, volleyball and fitness skills.

Local Course #: 76100

TEA #: 02850000

Physical Education 7

Students in 7th grade apply similar concepts from one sport or movement setting to another, learning to observe another individual's performance and notice key elements for success. The 7th grade physical activity foci are bowling, circuit training, disc golf, football, outdoor education, softball, ultimate frisbee, and fitness skills.

Local Course #: 77100

TEA #: 03823000

Physical Education 8

Students in 8th grade apply similar concepts from one sport or movement setting to another, learning to observe another individual's performance and notice key elements for success.

Local Course #: 78100

TEA #: 03823000

Foundations of Personal Fitness

Students demonstrate higher-level movement skills, strategies and tactics within game play, while continuing to learn the components of fitness. The 8th grade physical activity foci are badminton, basketball, golf, lacrosse, team handball, volleyball, weight training and fitness skills.

Local Course #: 78900 (semester-long)

TEA #: PES00052

Course Code: PES00052

Grade(s): 8

HS Credit: 1.0

ATHLETICS

Students participate in athletic activities during this class, which can substitute for a physical education credit. Students learn grade-level physical education curriculum during the off-season.

Athletics 7

Local Course #: 77170 (Girls) 77171 (Boys)

TEA #: 03823000

Prerequisite: Approval by the Athletic Coach.

Athletics 8

Local Course #: 78170 (Girls) 78171 (Boys)

TEA #: 03823000

Prerequisite: Approval by the Athletic Coach.

FINE ARTS

ART

Art 6 Local Course #: 56100

TEA #: 03154110

Art 7 Local Course #: 57100

TEA #: 03154210

Art 8 Local Course #: 58600 Non-Varsity 58700 Varsity

TEA #: 03154310

Photography 8 Local Course #: 58000

TEA #: 03154310

BAND

Band is offered at three levels of instruction. Students are introduced to the fundamentals of band instruments, which they are required to furnish. However, some instruments may be available through a rental process. Rapidly progressing students may transfer to a more advanced band level, as scheduling permits. Out-of-school rehearsals and performances are required.

Band 6

Local Course #: 56110

TEA #: 03154130

Band 7

Local Course #: 57610 Non-Varsity 57710 Varsity TEA #: 03154230

Band 8

Local Course #: 58610 Non-Varsity 58710 Varsity TEA #: 03154330

CHOIR

Choir classes are designed at three levels for students whose interests lead them toward a sequential, continuing study of choral music. This course is performance-oriented and teaches unison, two, three and four-part choral literature. Musicianship is developed through the study of vocal techniques, sight-reading skills, and music listening. Out-of-school rehearsals and public performances are required.

Choir 6

Local Course #: 56130 Girls/56140 Boys

TEA #: 03154131

Choir 7

Local Course #: 57630 Girls/57640 Boys Non-Varsity

Local Course #: 57730 Girls/57740 Boys Varsity TEA #: 03154231

Choir 8

Local Course #: 58630 Girls/58640 Boys Non-Varsity

Local Course #: 58730 Girls/58740 Boys Varsity TEA #: 03154331

Show Choir 7 Local Course #: 57170

TEA #: 03154234

Show Choir 8 Local Course #: 58170

TEA #: 03154334

Show Choir 8 (PE credit) Local Course #SUBATH1 TEA #: PES0000

ORCHESTRA (BEGINNING)

Orchestra is offered at three levels of instruction. Students furnish violins, and the schools provide violas, cellos, and string basses. Fundamentals of stringed instruments are introduced, and rapidly progressing students may be transferred to a more advanced orchestra, as scheduling permits. Out-of-school rehearsals and performances are required. String players must be enrolled in a regular orchestra class to participate in other specialized instrumental ensembles.

Orchestra 6

Local Course #: 56650 Non-Varsity 56750 Varsity

TEA #: 03154132

Orchestra 7

Local Course #: 57650 Non-Varsity 57750 Varsity

TEA #: 03154232

Orchestra 8

Local Course #: 58650 Non-Varsity 58750 Varsity

TEA #: 03154332

THEATRE ARTS (BEGINNING)

Theatre instruction includes technical theatre, play preparation, make-up, pantomime, improvisation, and character studies. Emphasis is placed on speech presentation, including the elements of communication, oral interpretation, and various types of speeches. Minimum of one yearly performance is required. Out-of-school rehearsals and performances are required.

Theatre 6 Local #: 56160

TEA #: 03154140

Theatre 7 Local #: 57660 Non-Varsity 57760 Varsity

TEA #: 03154240

Theatre 8 Local #: 58660 Non-Varsity/58760 Varsity

TEA #: 03154340

ELECTIVE COURSES

KEYBOARDING PROFICIENCY

The expectation is that students will be proficient in keyboarding before entering grade 9. To assist students in meeting this expectation, the following opportunities are available:

- Passing keyboarding or Touch System Data Entry (grade 7 or 8)
- Completing Touch Systems in summer prior to grade 9, if offered.
- Demonstrating proficiency on a district-developed assessment in MS.

CAREER AND TECHNOLOGY COURSES

Touch System Data Entry

Students apply technical skills to address business applications of emerging technologies by enhancing reading, writing, computing, communication, and reasoning skills and applying them to the business environment. Students apply touch system data entry both for production of business documents and to develop psychomotor skills through drill practice and reinforcement of correct keyboarding techniques. Students learn how to create, format, and edit personal/business documents, including letters, reports, memos, and outlines.

Local Course #: 90970 (semester-long)

TEA #: 13011300

Course Code: TSATAAE

Grade(s): 8

HS Credit: 0.5

Gateway to Technology (at Cesar Chavez MS)

Students increase understanding of the development & impact of technology on society and the environment by designing, building & testing products and systems to solve real world problems. Students use and manage resources of technology, while exploring the areas of transportation, power & energy, construction, manufacturing, multimedia, desktop publishing, graphic design, video production and biotechnology. Expenses may be incurred for projects.

Local Course #: 97970

TEA #: N1303756

Course Code: GTT1

Grade(s): 7-8

HS Credit 0.5

Gateway to Technology II (at Cesar Chavez MS)

Students further increase their understanding of the development & impact of technology through hands-on problem-solving activities, including designing & making products, accessing technology, constructing models, using computers, power tools & equipment. Expenses may be incurred for projects.

Local Course #: 98970

TEA #: N1303756

Course Code: GTT12

Grade(s): 8

HS Credit: 0.5

SPEECH

Professional Communications

Students identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, personal and professional presentations.

Local Course #: 90971 (semester-long)

TEA #: 13009900

Course Code: PROF COMM

Grade(s): 8

HS Credit: 0.5

FINANCIAL LITERACY

Dollars and Sense

Students focus on consumer practices & responsibilities, the money management process, decision-making skills, impact of technology, and preparation for human services careers.

Local Course #: 90972 (semester-long)

TEA #: 13024300

Course Code: DOLLARSE

Grade(s): 7-8

HS Credit: 0.5

FOREIGN LANGUAGE

The first year of high school Spanish is offered over two-years for high school credit as a basis for students progressing into advanced high school foreign language courses.

Spanish IA

Students become aware of multiple perspectives and means of expression, which lead to an appreciation of difference and diversity. Further benefits of foreign language study include stronger cognitive development, increased creativity, and divergent thinking. Students who effectively communicate in more than one language, with an appropriate understanding of cultural context, are globally literate and possess the attributes of successful participants in the world community.

Local Course #: 60972

TEA #: 03440100

Course Code: SPAN1

Grade(s): 7-8

HS Credit: .5

Spanish IB

Students become aware of multiple perspectives and means of expression, which lead to an appreciation of difference and diversity. Further benefits of foreign language study include stronger cognitive development, increased creativity, and divergent thinking. Students who effectively communicate in more than one language, with an appropriate understanding of cultural context, are globally literate and possess the attributes of successful participants in the world community.

Local Course #: 60973

TEA #: 03440100

Course Code: SPAN1

Grade(s): 7-8

HS Credit: .5

Native Speaker Spanish I

This course is an introductory course for Native Spanish speakers, building on their understanding of their first language and working toward higher levels of grammar usage, proper pronunciation, and written expression.

Local Course #: 60909

TEA #: 03440110

Course Code: SSSPAN1

Grade(s): 8

HS Credit: 1.0

COLLEGE AND CAREER READINESS

AVID

Students, through the Advancement Via Individual Determination curriculum, learn the behaviors and habits that will help them to be successful middle school, high school and eventually college students. Through various classroom activities and requirements, students prioritize, self-advocate, organize and study effectively. This course can be taken in grades 6, 7, and 8. Initial application required.

Local Course #: 86100 87100 88100

Grade(s): 6-8

Interpersonal Studies

Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services. Students will explore the College Readiness Standards, high school offerings, graduation requirements, performance acknowledgements and endorsements.

Local Course #: 98900 (semester-long)

TEA #: 13024400

Course Code: INTERSTU

Grade: 8

HS Credit: 0.5



Research

Students participate in the complete research process: brainstorming topic ideas, collecting information or gathering data, reporting findings, determining effective formats for presentation, and distributing their findings. Students use this process to assist them with projects for National History Day Fair, Science fair, or the WISD Advanced Products and Performances fair.

Research 6	Local Course #: 86000
Research 7	Local Course #: 87000
Research 8	Local Course #: 88000

Mini Courses offered through ATLAS

Aeronautics

Aerospace engineering engages students in engineering design problems related to aerospace information systems, astronautics, rocketry, propulsion, physics of space science, space life sciences, biology of space science, principles of aeronautics, structures and materials, and systems engineering.

Local Course #: 80000

Anyone Can Draw

Drawing, a learnable skill, simply requires demonstration of what to do and then practice for improvement.

Local Course #: 80002

App me that!

Students create iPad apps by coding using X code and learn Twenty-First Century skills, enabling them to increase their future learning potential.

Local Course #: 80004

Astronomy

Astronomy, an interdisciplinary course, introduces students to early astronomers, optics, the electromagnetic spectrum, solar system and planetary motion, characteristics of stars, and their positions relative to the Earth. Students have opportunity to visit the Meyer Observatory and participate in a Star Viewing Party sponsored by the Central Texas Astronomical Society.

Local Course #: 80006

ATLAS World News

Students work as a team to create a newspaper that reports important and interesting events occurring within the ATLAS Academy, by learning how to write news stories, editorials, and feature articles for this 6-week publication.

Local Course #: 80008

Calligraphy

Calligraphy teaches students cursive writing to help them develop a signature and practice their favorite calligraphy fonts, while studying different techniques in this ancient Chinese tradition.

Local Course #: 80010

Chopped!

Students who have already mastered the “fun”amentals of cooking may sign up for a class that will have them compete together and against other kitchen groups in the style of the TV show *Chopped!*

Local Course #: 80012

Community Gardening

Students create a flower and vegetable garden to learn the social and environmental benefits of gardening by visiting gardens in the Waco community and talking to local gardeners. They work together to plan, organize, plant, and tend a garden on the school grounds.

Local Course #: 80014

Connections: An Alternative View of Change

Students explore the history of science and invention, how various discoveries, scientific achievements, and historical world events built off one another to form a web of interconnected events, each consisting of a person or group

acting for reasons of personal motivation.

Local Course #: 80016

Digging Up the Past (Archeology)

Students fascinated with the group of people who lived before us (Native American tribes, early settlers etc.) discover how artifacts told about them and how they lived. Students study archeological techniques, excavation and data gathering from artifacts to better understand the peoples that came before us.

Local Course #: 80018

Dissection Station

Students will explore the world of biology and be given opportunities to perform dissections that are usually reserved for high school biology students.

Local Course #: 80020

Drones

Students explore the commercial applications of drones, learn their various components and how they work, learn to fly various types and styles, and build/race FPV (first person view) drones.

Local Course #: 80022

eFolio and Presentations

Students learn about various modes of presentation and incorporate all of them into online electronic portfolios: efolios. These modes include, but are not limited to Web 2.0 tools, iPad app productions, and video presentations.

Local Course #: 80024

Forensic Facts

Students learn how forensic scientists use their background to help law enforcement solve crimes by conducting a variety of experiments and touring the Baylor chemistry lab and a local forensics lab.

Local Course #: 80026

From Junk to Jewels

Students discover how to turn an old item or set of materials into a useful product and look at the purpose of up-cycling materials, what can be up cycled, and how this ultimately impacts our environment.

Local Course #: 80028

Fun Science

Students participate in daily science experiments that are not part of the school year, such as making sugar crystals, bottle rockets, slime etc.

Local Course #: 80030

Genealogy: Who Am I?

Students discover their families' past through research called genealogy by creating a family tree, utilizing online research databases.

Local Course #: 80032

Geocaching

Students utilize a GPS device to both hide and find local containers called caches. These caches can be found all over the world.

Local Course #: 80034

Geometry in the Arts

Students discover how geometry is everywhere--especially in arts, like origami, tessellations, and fractals.

Local Course #: 80036

Hippology

Students discover how horses evolved from small dog-sized, toed creatures millions of years ago to the 1000-pound hooved animals we know today and what environmental changes influenced that evolution.

Local Course #: 80038

I Like To Argue

Students discover strategies to increase their abilities to react critically and to form arguments by asking the "right" questions about personal thoughts, muster reasons, obtain useful data, pinpoint the real issue and notice when an arguer evades response, and offer critical opinions based on those evaluations.

Local Course #: 80040

Independent Study

Students explore personal interests in an academic setting. They will conduct research, interviews, and use real- world experiences.

Local Course #: 80042

Introduce Yourself to the Visual and Performing Arts!

Students utilize classroom and online instruction as an introduction to the arts: Theatre, Music, Visual Art, Dance, Architecture, and Cinema. Study focuses on the appreciation of the performing and fine arts and the ways in which they reflect the values of civilization.

Local Course #: 80044

Judge ATLAS

Students investigate the judicial system in the United States. With “expert testimony” from community educators and lawyers, students learn the difference between civil and criminal court cases, while being introduced to career opportunities in the legal profession and participating in a mock trial.

Local Course #: 80046

Kids in the Kitchen

Students explore the math, science, and language of cooking, while they interact and learn from local chefs in this basic nutrition class. Beginning with food and kitchen safety, students plan menus, prepare food, practice dining etiquette, and culminate with the class constructing a gourmet meal.

Local Course #: 80048

Lights, Camera, Action!

Students learn the basics of planning, filming and editing. During the course students brainstorm, write, direct and create a short film of choice.

Local Course #: 80050

Media and the Message

Students communicate the news and opinion at ATLAS Academy using traditional and non-traditional media by creating a daily news show that informs and inspires Tennyson students.

Local Course #: 80052

Music of America

Students research three specific works of American music (since the age of recording) and present three different oral and visual presentations, which include the songs and story behind them, requiring students to do lengthy research of interest.

Local Course #: 80054

Paint My World!

Students study famous artists and artworks then hopefully create and paint their own murals.

Local Course #: 80056

Paranormal Investigation

Students explore the spirit world through literature, science, and popular culture by examining investigators’ roles, what is sought and where to go to search for unexplained anomalies, using scientific methodology, electronic equipment and research techniques to investigate and analyze evidence.

Local Course #: 80058

Pottery

Students learn about pinch pottery, how to build with coils, and throw on a wheel, using different types of glaze and clays.

Local Course #: 80060

Quiz Bowl

Students learn competition strategies and assessed material in preparation of the district’s quiz bowl. Quiz Bowl is a game of questions that is divided separately into a top-based team contests and an individual-based general trivia. Students work both in teams and individually to answer questions from topics, such as history, literature, science, popular culture, music, arts, current events, technology, and mathematics.

Local Course #: 80062

Robotics I

Intro to Robotics foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful robotic products using Lego Robotics hardware and software, collaborating with one another, their instructor, and various electronic communities to solve problems in designing and programming robots.

Local Course #: 80064

Robotics II

Robotics II fosters students' creativity and innovation by presenting opportunities to design, implement, and present meaningful robotic products using Lego Robotics hardware and software, collaborating with one another, their instructor, and various electronic communities to solve problems in designing and programming robots, and participating in Robotics competitions with their fellow ATLAS students and students from other schools.

Local Course #: 80066

Say It Out Loud

Students learn to perform various pieces of literature, poetry, scenes from plays, and other types of performance pieces. Oral interpretation allows for a personalized perspective to the pieces. Students have opportunities to compete or even prepare for the performance portions of National History Day Fair.

Local Course #: 80068

Science of Psychology

The psychology of science includes philosophy, history, and sociology of development and serves as an introduction of psychology, as well as focus on experiments using memory, tension, mood and instinct to form varying psychological hypotheses and research and gather data.

Local Course #: 80070

So You Want To Be a Lawyer?

Local speakers explain the down and dirty about the legal profession, while students participate in field trips to the local court house that help them see what the law is all about and develop a list of those laws that REALLY make a difference in life.

Local Course #: 80072

Solve the Rubik’s Cube!

Students develop puzzle-solving and spatial thinking skills by analyzing properties and determining attributes of two- and three-dimensional objects from different perspectives. The cube is used in math lessons, helping students visualize fractions, geometry and algebra problems allowing them to gain insights into, and answer questions in other areas of mathematics.

Local Course #: 80074

Stock Market Game

Students compete with other students in the area as they invest \$100,000 of imaginary money in the stock market.

Local Course #: 80076

Watercolors

Students explore the uses of watercolor as a painting medium by applying several techniques.

Local Course #: 80078

We Mean Business - Entrepreneurship

Students get the opportunity to learn money management and organizational skills by examining young entrepreneurs that successfully started and managed small businesses and discovering what led to their successes.

Local Course #: 80080

Who’s Got the Power? (Student Congress)

Students role play the workings of the legislative branch of our government by writing "real world" bills and debating the worth in a congressional setting, offering students opportunities to compete in this event as well.

Local Course #: 80082

SECTION III: HIGH SCHOOL INFORMATION AND GRADUATION REQUIREMENTS



Defining Key High School Information and Graduation Requirements

The high school curriculum in the Waco Independent School District is designed to meet the needs of students preparing for college, careers and citizenship in the community. It offers a full range of courses, from advanced academic courses to a comprehensive array of Career and Technical Education programs. All WISD students are expected to prepare for both college and career.

In addition to the core academic programs, each high school offers a variety of extracurricular and co-curricular programs for students. High school students can perform in a marching band, star in a dramatic production, learn a modern dance, or edit a newspaper. They can compete in volleyball or football, or any of a dozen other sports; every campus has numerous clubs and organizations students can join for fun and education.

All students entering grade 9 are required to enroll in the Endorsement High School Program. Permission to enroll in the Foundation Graduation Plan will be granted only when a student, the student's parent or guardian, the counselor, and the principal agree in writing, and each party signs the *WISD Permission to Graduate on the Foundation Graduation Plan* form, which may be obtained from the school counselor at the end of sophomore year. Refer to the permission form for eligibility requirements.

Browse through the course offerings in this guide to identify electives or programs of interest. Counselors are available to help students identify courses to take, but students should discuss their goals and interests with parents as well. Students and their families should explore the many college scholarship opportunities available to successful high school students. Scholarship information is provided to all students via the district website. See your College Career Military Readiness Specialist for scholarship information.

Selecting College and Career Programs of Study

All Waco ISD high school students have the opportunity to focus their high school elective course choices in a field of interest. The programs of study are divided into twelve clusters, which are subdivided into Programs of Study.

Programs of Study include a sequence of three or more courses that move a student from an introductory course to more increasingly advanced courses. All Programs of Study focus on the use of electives in a coherent sequence to build a student's skills in an area of interest. The selection of a program of study is based upon individual interest and aptitude. Programs of study are aligned with the available diploma endorsements.

The following career clusters are available in Waco ISD:

1. Architecture & Construction
2. Arts, AV & Communication
3. Business Management & Finance
4. Education & Training
5. Health Science
6. Hospitality & Tourism
7. Human Services
8. Information Technology
9. Law, Public Safety, Corrections & Security
10. Manufacturing
11. Science, Technology, Engineering & Mathematics
12. Transportation, Distribution, & Logistics

Students are urged to complete a coherent sequence to maximize the effectiveness of the learning. Teachers and counselors will gladly review students' interests and skills to determine appropriate programs of study. By completing a coherent sequence, students will not only meet the Foundation High School requirements (**Appendix E**) but also meet the criteria for an Endorsement (**Appendix F**). For the Arts & Humanities and Science-Technology-Engineering-Mathematics Endorsements, sequences of Fine Arts, Science and Mathematics courses are used. See **Appendix B** for increasingly advanced sequences of Science and Math courses and **Appendix D** for Fine Arts sequences.

By choosing specific courses and course sequences, students will earn not only endorsements but also performance acknowledgements that will be noted on the high school transcript. For more information on performance acknowledgements, see **Appendix G**.

Completing Semester and Final Examinations

All WISD students enrolled in high school courses are required to take semester examinations and/or complete culminating activities in all courses. Any tenth or eleventh grade student who meets the grade and attendance requirements listed below may be exempted from the final exam in each class for the spring semester only.

- Any student who has taken an Advanced Placement exam for a course will be exempt from the semester exam for that course. If a student does not sit for the AP exam for that course, the student will be required to complete the teacher's spring semester exam.
- Any twelfth-grade student who meets the grade and attendance requirements listed below may be exempted from the final exam in each class both fall and spring semesters. The exemption applies to each class individually.
- In lieu of taking the exam, students will be provided with alternate activities during their scheduled exam time. These alternative activities will be conducted on campus.

Exempting Criteria for Final Examinations

A grade average (not weighted) of eighty-five (85) or better for the semester is required. Additionally, a student may have no more than two (2) excused absences. Students with even one unexcused absence or one day of in-school or out-of-school suspension may not be exempted. An absence is defined as missing a specific class period, whether excused or unexcused, in-school suspension, or out-of-school suspension. A tardy of 10 minutes or more is considered an absence, and three unexcused tardies of less than ten minutes constitute an absence. The only absence exceptions are school-related business, such as extra-curricular activities or field trips, and documented college visits for which make-up work is completed. The teacher's gradebook is the final authority; therefore, any questions about school-related absences should be cleared up with the teacher as soon after the absence as possible.

Students who do not attend the alternate exam activities will be counted absent. If this absence exceeds the two (2) allowable excused absences for the grading period, or is counted as an unexcused absence, the student's exemption will be revoked. The student will receive an Incomplete for all applicable subjects until the final examination(s) are taken.

A student who meets the exemption requirements for a class may choose to take the exam, regardless of his or her grade in a particular class. However, if the student takes the exam, the grade will be counted and averaged with the semester grades to determine the final course grade, even if it lowers the semester grade.

Students will be notified by each teacher of their exemption status the day prior to the first day of final exams. Absences will be counted through that day. High school courses taken in middle school may count toward the graduation requirements. Examples of these courses are Health Education, Communication Applications (speech), Touch System Data Entry, Algebra I, Languages Other Than English (LOTE), and Business Information Management I. Students in grades 6-8 who are enrolled in a high school credit course will take the corresponding STAAR EOC assessment, as required, for high school graduation. *High school-level courses completed at the middle school level, regardless of outcome, shall post to the high school academic record.*

Preparing to Participate in Collegiate Athletics (NCAA)

High school athletes must be aware of the National Collegiate Athletic Association (NCAA) academic guidelines and requirements throughout high school, if planning to participate in college sports. Beginning in the junior year, important information must be submitted to the NCAA Eligibility Center. Students must maintain a minimum core-course GPA of 2.3 and meet course progression requirements to compete in Division I and a minimum core-course GPA of 2.2 to compete in Division II.

For more information, students should visit the NCAA website at www.eligibilitycenter.org, or contact the high school's or college's team coach, a school counselor, or the high school registrar for specific information.

Explaining Credit by Examination (CBE) General Guidelines

Credit by exam for acceleration is offered at no cost during defined testing windows at secondary campuses and the central office in the fall, spring and summer through the District Testing Coordinator. Information may be obtained through the school counselor or by contacting the District Testing Coordinator.

The District uses Texas Education Agency-approved examinations from the University of Texas or Texas Tech University for students in grades 6–12. A list of available examinations may be obtained from the school counselor or the District Testing Coordinator. Students should submit required applications and appropriate forms for testing to the District Testing Coordinator by scheduled deadlines. Registration forms require a parent/guardian signature. A counselor's signature is required to determine whether a student is testing for acceleration or has had prior instruction in the course.

It is the responsibility of the school staff to provide the parent and/or student with a copy of the study guide(s) for the course(s) requested. Study guides for grades 9–12 courses are online at the UT Distance Education website: <http://www.utexas.edu/ce/k16/> or Texas Tech: <http://www.depts.ttu.edu/ode/>.

Exams are scored by UT or Texas Tech and returned to the District Testing Coordinator, who forwards the score reports to the school. A counselor or designated school staff member informs the parent/guardian of the score. Failing scores on credit by examination are not recorded on the transcript. Examination scores for high school courses will not be used in computing the student's grade point average (GPA) and rank in class.

Credit by Examination (CBE) without Prior Instruction (Acceleration)

District students who have mastery in a subject but have not received prior instruction in the subject area/grade level may take credit by examination for acceleration to gain credit for those subjects or grade levels. Students who score 90 percent or above on a District-approved test for acceleration may receive credit for the course. For a student gaining credit for all core subjects at a grade level, the student will be advanced to the next grade level.

Credit by Examination (CBE) with Prior Instruction

District students who have received formal prior instruction in a subject area may take a credit by examination test for credit recovery or validation of credit. The District will pay for CBE tests.

Prior instruction, as defined by WISD, includes the following criteria:

- Enrollment in a non-accredited public, private, parochial school, or homeschooling program, as verified by an official school transcript/record or as evidenced by a student work portfolio that may include: course syllabus, work samples, completed culminating exam, and list of resources (textbooks, websites, etc.) **OR**
- Proof of at least 9 weeks of classroom instruction for a semester course (18 weeks) **OR**
- Proof of completion of half of the required lessons of a correspondence course.

Previous administrations of credit by examination do not constitute prior instruction. Students enrolling from non-accredited programs may be scheduled for courses in the next sequence level of the subject area in which they are being tested. Students desiring validation of high school credits must complete all credit by examination tests within eighteen weeks of enrollment.

Students in grades 6–12 who score 80 percent or above on a CBE with prior instruction shall receive credit for the academic course at the secondary level.

Exploring Course Weighting and Grade Point Averages

The District categorizes and weights eligible courses as Tier 3, Tier 2, and Tier 1 in accordance with Board policy (EIC Local). Weights shall be used for computing the grade point average (GPA) for class ranking purposes only.

Tier 3: Eligible Advanced Placement (AP) courses, dual credit courses, articulated courses and courses locally designated as advanced.

- Advanced Placement courses - 1.15
- Dual Credit courses – 1.15

Tier 2: Eligible Pre-AP courses and other courses locally designated as college readiness courses.

- Pre-Advanced Placement/college readiness (CR) courses - 1.10

Tier 1: All other eligible courses, including specifically designated local credit courses.

- Academic courses - 1.0

Students who transfer from a private or another public school with weighted courses shall have each course evaluated by comparing its syllabus to local courses to determine the GPA weight allowed for each course.

Calculating Grade Point Average

All students who have completed a minimum of two semester courses per year shall be eligible for a GPA for class ranking and shall be ranked accordingly.

Grades included in this computation are those that meet the following criteria:

- earned through high school credit, whether taken during the regular day, evening school, or summer school program
- earned in dual credit programs in cooperation with institutions of higher education and working within the established Memorandum of Understanding (MOU) set forth between the two institutions.
- earned in TEA-approved correspondence courses
- failed course grades, even for those courses retaken
- earned in courses where the student has lost credit due to excessive unexcused absences

Understanding Grade Point Average Exceptions

The following grades shall **NOT** be included in the grade average:

1. Grades earned in local credit courses.
2. Grades earned through credit by examination.
3. Grades earned through Advanced Placement examinations, when the course has not been taken.
4. Grades earned in grades 7–8 for Level I of a foreign language and/or for Algebra or any other high school course.
5. Grades earned in a non-accredited or home school course.
6. Grades of “W” (occasionally given when a schedule change occurs).

Earning Weighted Grade Points for Advanced Courses

All high school advanced academic courses carry weighted grade points, including Pre-AP, Advanced Placement (AP), and Dual Credit, which follow outlines and expectations set forth by their respective academic organizations and surpass those of the standard high school-level class.

Weighted courses require additional time, greater student initiative, and higher academic skills. A student who fails one of these courses for a six-week period will be placed on academic probation for the following six weeks. If the student fails again while on academic probation, he or she will be subject to removal from the course. The campus principal makes the final removal decision.

Defining Rank-in-Class

The student's rank-in-class is computed each semester and is available to the student and his or her parent(s) or guardian(s). The final ranking of seniors shall be computed at the end of the spring semester when semester grades are reported.

Rank-in-class information shall be released only to the following entities:

1. Appropriate school or college personnel.
2. Other entities, as requested by the student or the parent, if the student is a minor.
3. Legal entities, in response to formal legal processes.

Receiving Academic Recognition

Becoming an Academic Achiever

Students in grades 10-12 who qualify as Academic Achievers receive recognition at an annual ceremony. To qualify, students must maintain a cumulative GPA of 96.5000 (without rounding) or higher for all courses taken, beginning in grade 9. For purposes of determining qualifications, grade averages are captured at the end of the fall semester of grades 10, 11, and 12.

Receiving Honors Recognition at Graduation

The District high schools, to recognize superior performance, shall identify its top five percent based on class rankings.

The graduating senior with the highest grade average shall be designated as the valedictorian and shall be awarded the scholarship provided by Texas law. The second highest ranking graduate shall be designated as the salutatorian.

Determining Graduation Honors Eligibility

To be eligible for valedictorian, salutatorian, and/or other scholastic honors, the student shall have satisfied the following requirements:

- The student must have completed the state and local graduation requirements.
- The student must have had uninterrupted enrollment in the District for the entire junior and senior year.

Breaking Ties

In the event two or more students tie for valedictory or salutatory honors, both (or more) students shall receive equal recognition. To determine which one of the students who tied should receive the valedictory scholarship or awards, the student having taken the greatest number of dual credit and Advanced Placement courses shall receive the awards. If further resolution is necessary, the student having taken the greatest number of Pre-Advanced Placement courses shall be awarded the position.

Pursuing Advanced Courses and Programs

Choosing Pre-Advanced Placement (Pre-AP) Courses

The Pre-AP program are challenging courses designed to teach students strong study skills and learning strategies. Pre-AP courses emphasize critical thinking, reading, research and writing. Pre-AP courses carry weighted grade points and are taught by teachers with specialized training. See **Appendix B** for Pre-AP course sequences leading to Advanced Placement courses.

Selecting Advanced Placement (AP) Courses

The Advanced Placement program are college-level courses taught by high school teachers with specialized training. Advanced Placement courses require students to study content for a deeper understanding at a more cognitively complex level. These courses carry weighted grade points. Students enrolled in AP courses take the courses' AP examinations, which are used to earn college credit. College course placement based on student exam performance is governed by the individual colleges and universities. See **Appendix C** for more information on Advanced Placement.

Utilizing Dual Credit Opportunities

High school and college credit can be earned simultaneously by taking dual credit courses. Dual Credit courses are offered on the high school campuses, the Greater Waco Advanced Health Care Academy, and the Greater Waco Advanced Manufacturing Academy. Dual credit coursework is offered in multiple ways: face-to-face or online, at McLennan Community College's main campus, at McLennan Community College's Emergency Services Education Center, at GWAMA or at GWAHCA. For detailed information about qualifications and enrollment processes for Dual Credit, consult the school counselor. **All dual credit course tuition, fees, books, and transportation (if required) is paid for by Waco ISD to allow all students the opportunity to participate.**

Upon completion of a Dual Credit course, the student's college transcript is submitted to the high school registrar to validate the credit. Students passing a Dual Credit in place of a course with a related STAAR EOC assessment must take the test for that subject to meet graduation requirements. Summer Dual Credit courses may be taken for credit and are counted in the semester grade-point average. Students enroll for summer courses at the same time they enroll for fall Dual Credit coursework. See **Appendix A** for Vital Information about Dual Credit Courses and a list of courses offered. See **Appendix B** for the recommended course sequences leading to Dual Credit courses.

Participating in the ACCELERATE Early Degree Program

The ACCELERATE Early Degree program allows Waco ISD students to begin dual credit coursework in the fall of freshman year on a trajectory to complete their Associate degrees by high school graduation. Students choose one of five available degree plans—Allied Health, Business, Criminal Justice, Liberal Arts or General Science—and successfully complete courses that fulfill both high school and college graduation requirements. For detailed courses on the degree plans, see **Appendix H**.

Applications for the ACCELERATE program are available each fall. The program is open to incoming freshman; however, incoming sophomores may apply to participate if they agree to take the missed freshman-year dual credit courses over the summer between freshman and sophomore years.

Exploring Higher Education Information

Explaining the Top 10% Ruling

Students ranked in the top 10 percent of their graduating classes are automatically admitted to a Texas public college or university of their choice. Students must apply for admission no later than two years after graduating from a Texas high school and submit completed applications before the college's filing deadline. Additionally, House Bill 3826 added that all students must complete the distinguished diploma program to be considered for admission to any general academic teaching institution, including those with open enrollment policies. See the high school counselor for complete details. **Appendix G** explains the distinguished level of achievement diploma.

Admitting Top 6% to University of Texas at Austin for 2020

Senate Bill 175 passed in June 2009, requires the University of Texas at Austin to admit enough students automatically to fill 75% of available spaces reserved for Texas residents in an entering freshman class. Using previous enrollment data, the University determined that automatically admitting students in the top 6% of their graduating classes will fill the 75% available spaces for the entering class of fall 2021. The remaining spaces will be filled through holistic review of applications.

Utilizing Texas Tuition and Fee Exemption for Recipients of Temporary Assistance for Needy Families (TANF)

The State of Texas will waive tuition and fees for the first year at a Texas public institution of higher education including universities, colleges, community colleges, junior colleges, and technical colleges. To be eligible, students must complete the following requirements:

- Hold Texas residency;
- Graduate from a public high school in Texas;
- Hold dependent child status to parents who received financial assistance through TANF for at least six months of the year of the child's high school graduation;
- Enroll as an undergraduate before age 22 at a public college or university within 24 months of graduation from high school; and
- Enroll in classes for which the college receives tax support (i.e., a course not dependent solely on student tuition & fees to cover its costs).

This assistance may be used only at Texas public colleges and universities. The student must provide proof from the Department of Human Services of receiving TANF benefits to the college registrar.

Qualifying for the Toward Excellence, Access and Success (TEXAS) Grant Program

The TEXAS Grant Program helps well-prepared, financially-needy graduates go to college. Applicants must initially meet the following requirements:

- Hold Texas residency;
- Possess a felony and controlled-substance free criminal record;
- Show financial need;
- Register for Selective Service or show exemption from requirement;
- Graduate from an accredited Texas public or private high school;
- Enroll within 16 months of HS graduation in a non-profit public college or university in Texas;
- Accumulate no more than 30 semester credit hours, excluding those earned for Dual Credit or credit by examination (AP, IB or CLEP);
- Earn an Associate degree from a Texas public technical, state or community college; and
- Enroll in a public university in Texas no more than 12 months after receiving an Associate degree.

Application does not ensure the student will receive an award. For more information, go to: www.collegefortexans.com.

Receiving Non-citizen In-state Tuition at Public Post-Secondary Institutions in Texas

Effective Fall 2001, Texas House Bill 1403 enables immigrant students, including those who are undocumented, to qualify as Texas residents and pay in-state tuition. This tuition is much lower than that paid by international students. Under SB 1528, a student must meet the following four provisions:

- Graduate from a Texas public/private high school or receive a GED;
- Reside in Texas for the 3 years prior graduation or GED completion;
- Reside in Texas for 12 consecutive months prior to the semester of college enrollment; and
- Provide an affidavit stating you will file an application to become a U.S. permanent resident as soon as you are eligible to do so.

Other restrictions may apply. Check with the high school counselor for more information on Financial Aid and Scholarship Opportunities.

Preparing for College Testing

All Waco ISD students are strongly encouraged to test for college admission and scholarships. Generally, the most effective preparation for any test is a rigorous course of study, regular school attendance and strong study skills. Knowing what tests are required/recommended is critical to preparation.

Taking Pre-College Entrance Tests

The Preliminary Scholastic Aptitude Test (PSAT) serves as the National Merit Qualifying Test (NMQT) and provides students an opportunity to take a shortened version of the SAT to serve as a predictor of students' scores on the SAT. The SAT is a test that students may take as part of their college admission process. Waco ISD provides funding for all interested juniors to take the PSAT at no personal expense. Sophomores will take a practice PSAT to help them prepare for the national merit qualifying exam. Juniors who perform exceptionally might be eligible for National Merit competition.

Understanding Differences Between College Admissions Tests

All Texas colleges and universities accept either the SAT or ACT for admissions. The two tests are different; excellent performance on one does not necessarily predict excellent performance on the other. When deciding which test to take, students should select the one best aligned to their strengths. The ACT measures achievement in English, mathematics, reading, and science reasoning; the SAT measures critical reading, writing, and mathematical knowledge/aptitude, both with a calculator and without.

The ACT is a two-hour and fifty-five-minute multiple-choice test measuring achievement in English, mathematics, reading and science. The forty-minute optional writing test measures skill in planning and writing an argumentative essay. Each subtest yields a score of 1-36. Averaging the four subtests produces the composite score, also 1-36. Essay scores range from 2 to 12. As it is an optional, its score does not impact the overall composite score.

The SAT (Reasoning Test) is a three-hour multiple-choice and gridded-response test of critical reading, writing usage and mathematical abilities with an optional essay administered by the College Board. The fifty-minute essay test requires students write a short analytical essay in response to a passage. For Evidence-Based Reading/Writing and Mathematics tests, students receive scores of 200-800; added together, the two determine the composite score. On the essay component, two assessors read and score the essay, awarding 1-4 points for each dimension: reading, analysis and writing. The two scores for each dimension are added, and total for each dimension out of a possible 8 points each is reported. No overall composite SAT Essay score is given, and, as an option part of the test, does not impact the overall composite score.

Completing SAT Subject Tests

The SAT Subject Tests are one-hour, multiple-choice tests that measure a student's knowledge and skills in particular subject areas, as well as the ability to apply that knowledge. Many selective colleges and universities require that students take one or more of these tests as part of the admissions process or for placement purposes in college courses. Students should consult the admissions offices of potential schools to determine if SAT Subject Tests are required. Students will want to take SAT Subject Tests at the end of corresponding high school courses (for example, a student who completes chemistry is encouraged to take the SAT chemistry test in June of that year).

Utilizing Advanced Placement and Dual Credit for Placement and Credit

Advanced Placement (AP) exams and Dual Credit courses give students the opportunity to earn college credit while in high school. Each AP course is based upon a national course outline equivalent to that of a first-year college course. Toward the end of each AP course, students take an AP exam, given once a year in May, in that subject. A passing score can earn college credit hours. Dual credit courses are taught by college professors and are equivalent to the course offered on the college campus. Policies for granting credit based on performance on an AP exam score or dual credit course grade vary from college to college, so students should consult college admissions offices to determine the institution's policies. See **Appendices B and C** for Advanced Placement/Dual Credit acceptance at Texas universities.

Proving College Readiness on the TSIA (Texas Success Initiative Assessments)

Prior to enrollment in a Texas public college or university, students must pass the Texas Success Initiative Assessments (TSIA) in Reading/Writing and Mathematics to prove they are ready for college-level credit-bearing coursework. The purpose of these assessments is to assess the reading/writing and mathematics skills that entering freshmen-level students should possess to perform effectively in undergraduate programs in Texas public colleges and universities. This assessment is typically required before students can enroll in dual-credit courses offered through the District as well.

These tests are not the same as the State of Texas Assessments of Academic Readiness (STAAR), which students must pass to receive a high school diploma. The TSIA is not an admissions test and does not limit students' access to college but will determine if remedial coursework must be taken in college. Students may be exempt from one or more TSIA tests, if they score sufficiently high on the ACT/SAT.

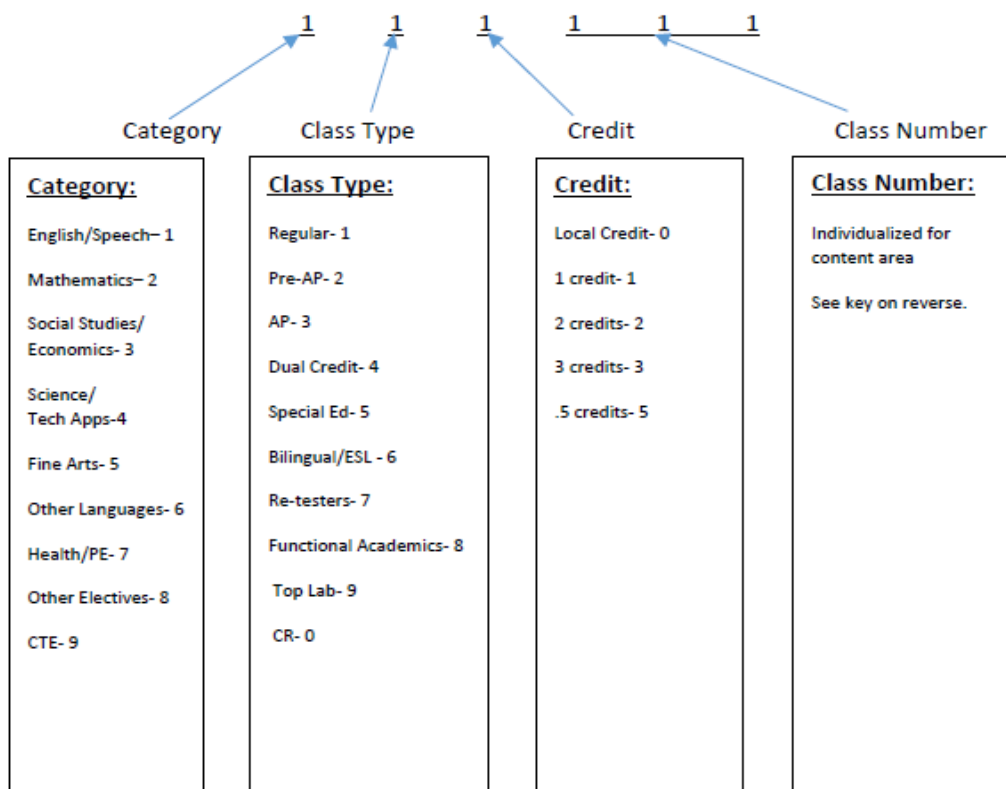
The following chart provides the scores that must be earned on other assessments to be exempt from TSI testing.

Test Name	Minimum Composite Score	Minimum Math	Minimum Evidence-Based Reading & Writing OR English	Expiration of Scores
ACT	23	19	19	5 years
SAT	None	530	480	5 years
STAAR	None	4000 Algebra I and a passing grade in Algebra II	4000 English II	High School Graduation

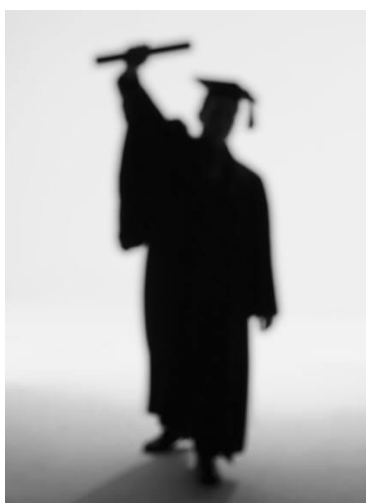
The TSIA tests are offered on the high school campus through the College Career Military Readiness Specialist. Students with disabilities may qualify for special accommodations on each of these tests. Consult the campus College Career Military Readiness specialist about accommodations.

SECTION IV: HIGH SCHOOL COURSE DESCRIPTIONS

Course Numbering Scheme for High School



For example, PreAP Algebra I is 2 2 1 0 0 1
 and Non-Varsity 10th grade Band is 5 1 1 4 2 2



ENGLISH

SURVEY OF ENGLISH

English I

Students strengthen skills in reading analysis and communication by daily reading and writing and engaging in activities that build on existing skills. Students will build on their knowledge of literary elements in traditional literary genres and study the relationships between narrative voice and style. This course will require an End of Course Exam.

Local Course #: 111001

TEA #: 03220100

Course Code: ENGI

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Pre-AP English I

Students engage in learning all the essential knowledge and skills of English I while providing greater depth. Students interact with increasingly challenging texts and write in multiple rhetorical modes. The enhanced curriculum includes additional work outside of class and builds the necessary skills for success in AP classes and post-secondary education. Literary emphasis includes short stories, novels, drama, and poetry.

Local Course #: 121001

TEA #: 03220100

Course Code: ENGI

Grade(s): 9

Prerequisite(s): None

Credit(s): 1.0

English II

Students strengthen skills in reading analysis and communication through daily reading, writing, and engaging in activities that build on existing skills. Students read and analyze works of world literature and utilize various perspectives in their compositions. This course will require an End of Course Exam.

Local Course #: 111002

TEA #: 03220200

Course Code: ENG2

Grade(s): 10-12

Prerequisite(s): None

Credit(s): 1.0

Pre-AP English II

Students engage in learning all the essential knowledge and skills of English II while providing greater depth. Students interact with increasingly challenging texts, including satire, and writing in multiple rhetorical modes. Students will develop their argumentative writing and research skills. Outside reading assignments focus on the advanced placement exam.

Local Course #: 121002

TEA #: 03220200

Course Code: ENG2

Grade(s): 10

Prerequisite(s): None

Credit(s): 1.0

English III

Students will continue to strengthen their reading and writing skills by developing their advanced language usage while gaining greater knowledge of American literature. Literary emphasis includes short stories, novels, poetry, drama, and non-fiction.

Local Course #: 111003

TEA #: 03220300

Course Code: ENG3

Grade(s): 11-12

Prerequisite(s): None

Credit(s): 1.0

English IV

Students engage in a final review of language skills and a study of increasingly challenging English literature to improve reading comprehension. Students writing skills will be coordinated with the literary study and emphasize the gathering of information for a formal report.

Counts as a 4th English credit

Local Course #: 111004

TEA #: 03220400

Course Code: ENG4

Grade(s): 12

Prerequisite(s): None

Credit(s): 1.0

WRITING

Creative Writing

Students strengthen their self-expression through writing, using the basic grammatical skills acquired in previous courses. Students read and write poetry, fiction, drama, and children's stories. Students strengthen skills in desktop publishing purposes such as editing, creativity, illustrative enhancements, and readability. Students are required to publish and present one personal project to an audience.

Counts toward/as a 4th English credit

Local Course #: 115300 (semester-long) /111300 (year-long)

TEA #: 03221200

Course Code: CREATWR

Grade(s): 11-12

Prerequisite(s): None

Credit(s): 0.5/1.0

Research and Technical Writing

Students strengthen their advanced writing techniques, such as the methodology of gathering information and utilizing it in expository, argumentative, and persuasive writing. Logical organization of ideas and successful rhetorical devices for influencing the reader are supplemented with practice in editing and revising.

Counts toward/as a 4th English credit

Local Course #: 115302 (semester-long) / 111302 (year-long)

TEA #: 03221100

Course Code: TECHWR

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 0.5/1.0

Business English

Students enhance reading, writing, technical, communication and reasoning skills and apply them to the business environment by planning, drafting and completing written compositions on a regular basis that are error-free and ready for business reproduction.

Counts as a 4th English credit

Local Course #: 911203

TEA #: 13011600

Course Code: BUSENGL

Grade(s): 12

Prerequisite(s): None

Credit(s): 1.0

Advanced Placement English Language & Composition (AP Eng III)

Students engage in college-level instruction with rhetoric and composition. Students interact with texts from multiple genres and write using multiple rhetorical modes. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Local Course #: 131001

TEA #: A3220100

Course Code: APENGLAN

Grade(s): 11-12

Prerequisite(s): English II

Credit(s): 1.0

Composition I (Dual Credit)

Students participate in intensive study and practice in writing processes, from researching to drafting, revising, and editing, both individually and collaboratively, of narratives, research-based expository and persuasive texts, emphasizing rhetorical choices and on writing the academic essay as a vehicle for learning, communication, and critical analysis.

[Counts as a 3rd or 4th English credit](#)

Local Course #: 141001 (ACCELERATE) / 141003

TEA #: 03220300 / 03220400

Course Code: ENG3 / ENG4

College Course: ENGL1301

Grade(s): 11-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Composition II (Dual Credit)

Students further study and practice writing processes, from researching to drafting, revising, and editing, both individually and collaboratively, of narratives, research-based expository and persuasive texts, emphasizing rhetorical choices and on writing the academic essay as a vehicle for learning, communication, and critical analysis.

[Counts as a 4th English credit](#)

Local Course #: 141002 (ACCELERATE) / 141004

TEA #: 03220300 / 03221800

Course Code: ENG4 / IND ENG

College Course: ENGL1302

Grade(s): 11-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Technical and Business Writing (Dual Credit)

Students focus on the study and utilization of types of documents necessary to make decisions and take action on the job, such as proposals, reports, instructions, policies and procedures, e-mail messages, letters, and descriptions of products and services. Practice of individual and collaborative processes involved in the creation of ethical and efficient documents.

[Counts as a 4th English credit](#)

Local Course #: 141007

TEA #: 03220110

Course Code: TECH WR

College Course: ENGL2311

Grade(s): 11-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Advanced Placement Seminar

Students engage in cross-curricular conversations that explore the complexities of academic and real-world issues by analyzing divergent perspectives to develop powers of analysis and evaluate information with accuracy and precision to craft and communicate evidence-based arguments.

Local Course #: 831001

TEA #: N1130026

Course Code: APSMNR

Grade(s): 10-12

Prerequisite(s): English II

Credit(s): 1.0

LITERATURE

Literary Genres: Shakespeare

Students engage in careful reading and critical analysis of the comedies, tragedies and histories represent Shakespeare's breadth, artistic progress and total dramatic achievement by analyzing Shakespeare's challenging language and memorable characters, including kings, queens, lovers, shrews, and fools.

[Counts toward a 4th English credit](#)

Local Course #: 115303 (semester-long)

TEA #: 03221500

Course Code: LITGENR

Grade(s): 12

Prerequisite(s): None

Credit(s): 0.5

Literary Genres: Mythology and Folklore

Students engage in careful reading and critical analysis of various cultural folklore and myth, exploring the underlying Greek and Roman stories upon which countless literary allusions are based. Critical approaches and theories may be represented and applied to texts.

[Counts toward a 4th English credit](#)

Local Course #: 115304 (semester-long)

TEA #: 03221500

Course Code: LITGENR

Grade(s): 12

Prerequisite(s): None

Credit(s): 0.5

Advanced Placement English Literature & Composition (AP Eng IV)

Students analyze a wide variety of imaginative literature to deepen their understandings of the ways writers use language to provide meaning and pleasure as well as write literary analyses, with emphasis on preparation for the Advanced Placement exam.

[Counts as a 4th English credit](#)

Local Course #: 131002

TEA #: A3220200

Course Code: APENGLIT

Grade(s): 12

Prerequisite(s): English III/AP English Language and Composition

Credit(s): 1.0

Hebrew Scriptures

Students develop their knowledge of biblical content, including characters, poetry, and narrative with the history and literary style of the Hebrew Scriptures as well as their influence on contemporary society and culture, including literature, art, music, mores, oratory, and public policy, as well as law, history, government and morals and values.

Local Course #: 115110

TEA #: 03221830

Course Code: HEBSCEN

Grade(s): 11-12

Prerequisite(s): English II

Credit(s): 0.5

New Testament

Students develop their knowledge of biblical content, including characters, poetry, and narrative with the history and literary style of the New Testament as well as their influence on contemporary society and culture, including literature, art, music, mores, oratory, and public policy, as well as law, history, government and morals and values.

Local Course #: 115111

TEA #: 03221840

Course Code: NEWTENG

Grade(s): 11-12

Prerequisite(s): English II

Credit(s): 0.5

British Literature (Dual Credit)

Students survey of the development of British literature from the Anglo-Saxon period to the present through works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

Local Course #: 141006

TEA #: 03220810

Course Code: INDENG2

College Course: ENGL2321

Grade(s): 11-12

Prerequisite(s): Passing TSI English score and ENGL 1301 or ENGL 2311

College Course Hours: 3.0

Credit(s): 1.0

British Literature to the Romantics (Dual Credit)

Students survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century to the present through works of prose, poetry, drama, and fiction in relation to their historical, linguistic, & cultural contexts. Texts are from a diverse group of authors & traditions.

Local Course #: 141008

TEA #: 03221820

Course Code: INDENG3

College Course: ENGL2322

Grade(s): 11-12

Prerequisite(s): Passing TSI English score and ENGL 1301 or ENGL 2311

College Course Hours: 3.0

Credit(s): 1.0

American Literature (Dual Credit)

Students survey of American literature from the period of exploration and settlement to the present through works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors for what they reflect and reveal about the evolving American experience and character.

Local Course #: 141009

TEA #: 03221820

Course Code: INDENG3

College Course: ENGL2326

Grade(s): 11-12

Prerequisite(s): Passing TSI English score and ENGL 1301 or ENGL 2311

College Course Hours: 3.0

Credit(s): 1.0

American Literature II: Civil War to Present (Dual Credit)

Students survey of American literature from Civil War to the present through works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors for what they reflect and reveal about the evolving American experience and character.

Local Course #: 141005

TEA #: 03221600

Course Code: HUMANIT

College Course: ENGL2328

Grade(s): 11-12

Prerequisite(s): Passing TSI English score and ENGL 1301 or ENGL 2311

College Course Hours: 3.0

Credit(s): 1.0

COMMUNICATIONS**Communication Applications**

Students develop effective communication skills by identifying, analyzing, developing and evaluating communication skills needed for professional & social success in interpersonal situations, group interactions and professional presentations.

Counts toward a 4th English credit.

Local Course #: 115200

TEA #: 03241400

Course Code: COMMAPP

Grade(s): 9-12

Prerequisite(s): English III, if taken as a 4th English credit

Credit(s): 0.5

Introduction to Mass Communication (Dual Credit)

Survey of basic content and structural elements of mass media and their functions and influences on society.

Local Course #: 141101

TEA #: 03241401

Course Code: CONTMED

College Course: COMM1307

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Introduction to Speech Communication (Dual Credit)

Survey of basic content and structural elements of mass media and their functions and influences on society.

Counts as a 4th English credit.

Local Course #: 141200

TEA #: 03241200

Course Code: INDSPCH

College Course: SPCH1311

Grade(s): 9-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and SPCH 1315 or SPCH 1321**

Public Speaking (Dual Credit)

Survey of basic content and structural elements of mass media and their functions and influences on society.

Counts as a 4th English credit.

Local Course #: 141201

TEA #: 03241200

Course Code: INDSPCH

College Course: SPCH1315

Grade(s): 9-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and SPCH 1311 or SPCH 1321**

Interpersonal Communication (Dual Credit)

Survey of basic content and structural elements of mass media and their functions and influences on society.

Counts as a 4th English credit.

Local Course #: 141202

TEA #: 03241210

Course Code: INDSPCH2

College Course: SPCH1318

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

DEBATE**Debate I**

Students learn about argumentation and rhetoric development on diverse political topics as well as how to think and listen critically to express ideas in a constructive and efficient format. The course requires tournament participation, student-led research, and after school rehearsal. The course emphasizes various formats of debate including Policy Debate and Lincoln-Douglas Debate.

Local Course #: 111201

TEA #: 03240600

Course Code: DEBATE1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 0.5

Debate II

Students refine skills acquired in Debate I while expressing ideas in relation to a debate case. The course emphasizes speech writing and practice debates. The course requires tournament participation, student-led research, and after school rehearsal. The course emphasizes various formats of debate including Policy Debate and Lincoln-Douglas Debate.

Local Course #: 111202

TEA #: 03240700

Course Code: DEBATE2

Grade(s): 9-12

Prerequisite(s): Debate I

Credit(s): 0.5

Debate III

Students refine skills acquired in Debate I and II while expressing ideas in relation to a debate case. The course emphasizes speech writing and practice debates. The course requires tournament participation, student-led research, and after school rehearsal. The course emphasizes various formats of debate including Policy Debate and Lincoln-Douglas Debate.

[Counts as a 4th English credit.](#)

Local Course #: 111203

TEA #: 03240800

Course Code: DEBATE3

Grade(s): 9-12

Prerequisite(s): Debate II

Debate IV

Students further refine skills acquired in Debate III while expressing ideas in relation to a debate case. The course emphasizes speech writing and practice debates. The course requires tournament participation, student-led research, and after school rehearsal. The course emphasizes various formats of debate including Policy Debate and Lincoln-Douglas Debate.

Local Course #: 111204

TEA #: 03241220

Course Code: INDSPCH3

Grade(s): 9-12

Prerequisite(s): Debate III

PREPARATORY ENGLISH/READING/SPEECH

Reading I/II/ III

Students strengthen their reading abilities with targeted instruction in assessed areas of difficulties. The course is designed for the student who has not mastered the most recent STAAR reading test and is experiencing difficulty in content area classes. Up to three units may be taken for state elective credit.

Local Course #: 111401 / 111402 / 111403

TEA #: 03270700 / 03270800 / 03270900

Course Code: READ1 / READ2 / READ3

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0 each

College Preparatory English Language Arts

Students will strengthen the critical reading and academic writing skills needed to comprehend and interact with college-level texts and to produce original college-level writing, in standard written English, through the processes of generating ideas, drafting, organizing, revising, and editing. Students will engage in extensive instruction emphasizing basic reading and writing skills to develop their ability to perform at the college level.

[Counts as a 4th English credit](#)

Local Course #: 111101 (semester)

TEA #: CP110100

Course Code: CPELA

Grade(s): 12

Prerequisite(s): 3 HS English credits

Credit(s): 1.0

Business and Professional Communication (Dual Credit)

Survey of basic content and structural elements of mass media and their functions and influences on society.

[Counts as a 4th English credit.](#)

Local Course #: 141203

TEA #: 03241200

Course Code: INDSPCH

College Course: SPCH1321

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and SPCH 1311 or SPCH 1315

HUMANITIES

Humanities

Students read widely to understand how various authors craft compositions for various aesthetic purposes. This course includes the study of major historical and cultural movements and their relationship to literature and the other fine arts. Students use written composition to show an in-depth understanding of creative achievements in the arts and literature and how these various art forms are a reflection of history.

[Counts toward/as a 4th English credit](#)

Local Course #: 115500 (semester-long)/111500 (year-long)

TEA #: 03221600

Course Code: HUMANIT

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 0.5/1.0

Humanities I (Dual Credit)

Students participate in an interdisciplinary, multi-perspective assessment of cultural, political, philosophical and aesthetic factors critical to the formulation of values and the historical development of the individual and of society. Team taught by faculty from diverse departments, the course may include studies, journals, novels, poems, treatises, graphic novels, films, plays, paintings or musical compositions.

[Counts as a 4th English credit](#)

Local Course #: 141102

TEA #: 03221600

Course Code: HUMANIT

College Course: HUMA1301

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

MATHEMATICS

ALGEBRA

Algebra I

Students develop algebraic thinking and symbolic reasoning, use functions to represent and model problem situations, and analyze and interpret relationships in various situations. The course emphasizes linear functions but introduces quadratic and other nonlinear functions. The use of a graphing calculator is required.

Local Course #: 211001

TEA #: 03100500

Course Code: ALG1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Pre-AP Algebra I

Students develop algebraic thinking and symbolic reasoning, use functions to represent and model problem situations, and analyze and interpret relationships in various situations, while they explore these topics more deeply to prepare for a higher-level strand to be ready for AP Calculus. The course emphasizes linear functions but introduces quadratic and other nonlinear functions. The use of a graphing calculator is required.

Local Course #: 221001

TEA #: 03100500

Course Code: ALG1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Algebra II

Students continue to develop algebraic thinking, symbolic reasoning, and problem-solving strategies and techniques which began in Algebra I. The course emphasizes quadratic and square root functions, rational functions, exponential and logarithmic functions. Use of a graphing calculator is required.

Counts as 3rd or 4th Mathematics credit

Local Course #: 211003

TEA #: 03100600

Course Code: ALG2

Grade(s): 10-12

Prerequisite(s): Algebra I

Credit(s): 1.0

Pre-AP Algebra II

Students engage in learning all the essential knowledge and skills of Algebra II while providing greater depth. The course emphasizes quadratic and square root functions, rational functions, and exponential and logarithmic functions. The course is designed to prepare students to take the Advanced Placement exam and potentially earn college credits or advanced standing. The use of a graphing calculator is required.

Counts as 3rd or 4th Mathematics credit

Local Course #: 221003

TEA #: 03100600

Course Code: ALG2

Grade(s): 10

Prerequisite(s): Algebra I

Credit(s): 1.0

Algebraic Reasoning

Students continue to develop mathematical reasoning related to algebraic understandings & processes and deepen a foundation for studies in subsequent mathematics courses. The course emphasizes knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. The use of a graphing calculator is required.

Counts as a 3rd or 4th Mathematics credit

Local Course #: 211004

TEA #: 03102540

Course Code: ALGREa

Grade(s): 9-12

Prerequisite(s): Algebra I

Credit(s): 1.0

College Algebra (Dual Credit)

Students examine applications of polynomial, rational, radical, exponential & logarithmic functions, systems of equations using matrices, sequences, series, probability, and conics. Graphing calculator required.

Counts as 3rd or 4th Mathematics credit

Local Course #: 241001

TEA #: 03101100

Course Code: PRECALC

College Course: MATH1314

Grade(s): 11-12

Prerequisite(s): Passing TSI Math and English scores and Algebra II

College Course Hours: 3.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and Pre-Calculus

GEOMETRY/TRIGONOMETRY

Geometry

Students develop geometric thinking, spatial reasoning, practical understanding of geometric figures & their properties, relationship between geometry and other mathematics/disciplines, and tools for geometric thinking by solving meaningful problems, manipulating and transforming figures, analyzing relationships, and proving theorems. Use of a graphing calculator is required.

Local Course #: 211002

TEA #: 03100700

Course Code: GEOM

Grade(s): 9-12

Prerequisite(s): Algebra I

Credit(s): 1.0

Pre-AP Geometry

Students engage in learning all the essential knowledge and skills of Geometry I while providing greater depth. Students focus on high level application, problem solving, and higher order thinking skills. The course is designed to prepare students to take the Advanced Placement exam and potentially earn college credits or advanced standing. The use of a graphing calculator is required.

Local Course #: 221002

TEA #: 03100700

Course Code: GEOM

Grade(s): 9

Prerequisite(s): Algebra I

Credit(s): 1.0

Plane Trigonometry (Dual Credit)

Students examine applications of trigonometry, including definitions, identities, inverse functions, solutions of equations, graphing & solving triangles, vectors, polar coordinates & parametric equations. Graphing calculator is required.

Counts as 3rd or 4th Mathematics credit

Local Course #: 241002

TEA #: 03102501

Course Code: INSTMT2

College Course: MATH1316

Grade(s): 11-12

Prerequisite(s): Passing TSI Math and English scores and Algebra II

College Course Hours: 3.0

Credit(s): 1.0

PRE-CALCULUS/CALCULUS

Pre-Calculus

Students utilize symbolic reasoning & analytical methods to represent mathematical situations, express generalizations & analyze relationships between mathematical concepts using representations, tools & technology to model functions and solve real-life problems. Use of graphing calculator.

Counts as 3rd or 4th Mathematics credit

Local Course #: 211006

TEA #: 03101100

Course Code: PRECALC

Grade(s): 11-12

Prerequisite(s): Algebra II

Credit(s): 1.0

Pre-AP Pre-Calculus

Students explore essential knowledge of Pre-Calculus in greater depth, utilizing

symbolic reasoning and analytical methods to represent math situations, express generalizations & analyze relationships between concepts. The course prepares students to take the Advanced Placement exam to potentially earn college credit. Use of a graphing calculator required.

Counts as 3rd or 4th Mathematics credit

Local Course #: 221005

TEA #: 03101100

Course Code: PRECALC

Grade(s): 10-12

Prerequisite(s): Algebra II

Credit(s): 1.0

Pre-Calculus (Dual Credit)

Students participate in an in-depth combined study of algebra, trigonometry and other topics for calculus readiness. Graphing calculator is required.

Counts as 3rd or 4th Mathematics credit

Local Course #: 241003

TEA #: 03102502

Course Code: INSTMTH3

College Course: MATH2412

Grade(s): 11-12

Prerequisite(s): MATH 1316 or passing score on the MCC Math Dept exam, passing TSI English score, and Algebra II

College Course Hours: 4.0

Credit(s): 1.0

Advanced Placement Calculus AB

Students develop an understanding of derivatives in terms of rate of change and local linear approximations, the definite integral, and the relationship between the derivative and the definite integral. Students use technology to solve problems. The course prepares students to take the Advanced Placement exam to potentially earn college credit or advance standing.

Counts as 3rd or 4th Mathematics credit

Local Course #: 231002

TEA #: A3100101

Course Code: APCALCAB

Grade(s): 11-12

Prerequisite(s): Pre-Calculus

Credit(s): 1.0

Calculus I (Dual Credit)

Students examine limits & continuity; the Fundamental Theorem of Calculus; derivative of a function & techniques of differentiation; & applications of the derivative to maximizing/minimizing functions. Use of graphing calculator required.

Local Course #: 241004

TEA #: 03102500

Course Code: INSTMTH

College Course: MATH2413

Grade(s): 12

Prerequisite(s): MATH 2412

College Course Hours: 4.0

Credit(s): 1.0

Calculus II (Dual Credit)

Students perform differentiation and integration of transcendental functions; parametric equations and polar coordinates; techniques of integration; sequences and series; improper integrals. Graphing calculator required.

Local Course #: 241005

TEA #: N1110018

Course Code: MULTCAL

College Course: MATH2414

Grade(s): 12

Prerequisite(s): MATH 2413

College Course Hours: 4.0

Credit(s): 1.0

Calculus for Business and Social Science (Dual Credit)

Students study limits and continuity, differentiation, optimization & graphing, and integration of elementary functions, with emphasis on applications in business, economics, and social sciences.

Local Course #: 241007

TEA #: 13016900

Course Code: STATSRM

College Course: MATH1325

Grade(s): 11-12

Prerequisite(s): MATH1324

College Course Hours: 3.0

Credit(s): 1.0

STATISTICS

Advanced Placement Statistics

Students learn concepts/tools for collecting, analyzing & drawing conclusions from data, emphasizing data exploration, sampling & experimentation, anticipating patterns and statistical inferencing. The course prepares students to take the Advanced Placement exam to potentially earn college credit.

Counts as 3rd or 4th Mathematics credit

Local Course #: 231001

TEA #: A3100200

Course Code: APSTATS

Grade(s): 10-12

Prerequisite(s): Algebra II

Credit(s): 1.0

Elementary Statistics I (Dual Credit)

Students learn processes for collection, analysis, presentation & interpretation of data & probability, including descriptive statistics, correlation & regression, confidence intervals & hypothesis testing through application problems & projects using real world data. Use of appropriate technology is recommended.

Local Course #: 241008

TEA #: 03102530

Course Code: STATISTICS

College Course: MATH1342

Grade(s): 11-12

Prerequisite(s): Passing TSI Math and English scores and Algebra II

College Course Hours: 3.0

Credit(s): 1.0

CONSUMER/PREPARATORY MATH

Mathematical Models with Applications

Students use mathematical models from algebra, geometry, probability, and statistics and connections among these to solve problems from a wide variety of advanced applications in both mathematical and nonmathematical situations. The course emphasizes real-life application problems involving money, data, chance, patterns, music, design, and science.

Counts as a 3rd Mathematics credit

Local Course #: 211005

TEA #: 03102400

Course Code: MTHMOD

Grade(s): 9-12

Prerequisite(s): Algebra I

Credit(s): 1.0

Financial Mathematics

Students apply critical thinking skills to analyze personal financial decisions based on current and projected economic factors. Students will integrate career and post-secondary education planning into financial decision making.

Counts as a 3rd Mathematics credit

Local Course #: 911201

TEA #: 13018000

Course Code: FINMATH

Grade(s): 10-12

Prerequisite(s): Algebra I

Credit(s): 1.0

College Preparatory Mathematics

Students explore relations & functions, inequalities, algebraic expressions and equations (absolute value, polynomial, radical, rational), emphasizing linear/quadratic expressions and equations.

Counts as a 3rd or 4th Mathematics credit

Local Course #: 211101 (semester-long)

TEA #: CP111200

Course Code: CPMAT

Grade(s): 12

Prerequisite(s): 3 earned HS mathematics credits

Credit(s): 1.0

Contemporary Mathematics (Dual Credit)

Students learn introductory treatments of sets & logic, financial mathematics, probability & statistics with applications. Number sense, proportional reasoning, estimation, technology & communication are embedded throughout the course. Graphing calculator required. (For Non-STEM majors)

Local Course #: 241009

TEA #: 03102520

Course Code: DISMAPS

College Course: MATH1332

Grade(s): 11-12

Prerequisite(s): Passing TSI Math and English scores and Algebra II

College Course Hours: 3.0

Credit(s): 1.0

SPECIALIZED MATH**Accounting II**

Students continue to develop their understanding of accounting by engaging in managerial and cost accounting activities. The course emphasizes how accounting is impacted by industry standards as well as economic, financial, technological, international, social, legal, ethical factors to formulate and interpret financial information for use in management decision making.

Counts as a 3rd Mathematics credit

Local Course #: 911212

TEA #: 13016700

Course Code: ACCOUNT2

Grade(s): 11-12

Prerequisite(s): Accounting I

Credit(s): 1.0

Digital Electronics

Students utilize logic to construct and test electronic circuitry for functionality.

Counts as a 3rd Mathematics credit

Local Course #: 911741

TEA #: 13037600

Course Code: DIGELC

Grade(s): 10-12

Prerequisite(s): Principles of Applied Engineering and Geometry

Credit(s): 1.0

Applied Mathematics for Technical Professionals

Students use situations relating to technical applications to make connections with mathematics and the workplace by learning the skills necessary to communicate using mathematics through hands-on activities that allow students to model, explore, and develop abstract concepts applicable to technical careers. (Greater Waco Advanced Manufacturing Academy course)

Counts as a 3rd Mathematics credit

Local Course #: G911742

TEA #: 12701410

Course Code: APMATHTP

Grade(s): 10-12

Prerequisite(s): Algebra I

Credit(s): 1.0

Advanced Placement Computer Science A

Students engage in college level instruction that develops their understanding of computer science. Students will analyze algorithms, develop and use data structures, and study typical applications of computer software. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Counts as a 3rd or 4th Mathematics credit

Local Course #: 231301

TEA #: A3580110

Course Code: APTACSAM

Grades: 11-12

Prerequisites: Algebra I and Computer Science I

Credit(s): 1.0

Mathematics for Business and Social Science (Dual Credit)

Students apply functions (polynomial, exponential, logarithmic & rational) to business, economics & the social science problems, including mathematics of finance (simple/compound interest & annuities), systems of linear equations, matrices, linear programming & probability, including expected value.

Local Course #: 241006

TEA #: 13018000

Course Code: FINMATH

College Course: MATH1324

Grade(s): 11-12

Prerequisite(s): Passing TSI Math and English scores and Algebra II

College Course Hours: 3.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and Financial Math**

SOCIAL STUDIES

GEOGRAPHY

World Geography Studies

Students study the interaction of people and cultures with the physical environments in the major areas of the world. Students explore various regions of the world, studying the governments, arts, and resources. The course emphasizes Western Europe, Eastern Europe, Middle East, Sub-Saharan Africa, Asia, and Latin America and physical geography.

Local Course #: 311000

TEA #: 03320100

Course Code: WGEO

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Pre-AP World Geography

Students engage in learning all the essential knowledge and skills of World Geography while providing greater depth. Students study the interaction of people and their physical environments in the major areas of the world. Students are introduced to the world of geographers, their unique vocabulary, tools and methodologies. The course is designed to prepare students to take the Advanced Placement exam and potentially earn college credits or advanced standing.

Local Course #: 321000

TEA #: 03320100

Course Code: WGEO

Grade(s): 9

Prerequisite(s): None

Credit(s): 1.0

Advanced Placement Human Geography

Students engage in college level instruction that develops their ability to systematically study patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Local Course #: 331000

TEA #: A3360100

Course Code: APHUMGEO

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

HISTORY

World History Studies

Students develop an understanding of ancient, medieval, and modern times. The course emphasizes modern times. A background of world events is presented to the student to help understand current events and world problems.

Local Course #: 311001

TEA #: 03340400

Course Code: WHIST

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Advanced Placement World History

Students engage in college level instruction that develops their understanding of the nature of changes in international frameworks, causes and consequences, as well as comparisons among major societies. The course emphasizes factual knowledge in conjunction with leading interpretive issues and types of historical evidence. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Local Course #: 331001

TEA #: A3370100

Course Code: APWHIST

Grade(s): 10-12

Prerequisite(s): None

Credit(s): 1.0

United States History Since 1877

Students study significant people, issues, and events after 1877. The course emphasizes present day issues that have roots in the past. The major topics of this course are the effects of Reconstruction on the South; the rise of big government; immigration; U.S. as a world power; the Progressive Movement; World War I; the Roaring Twenties; the Thirties; rise of dictators; World War II; the Cold War; and the struggles of the super powers in the contemporary world.

Local Course #: 311002

TEA #: 03340100

Course Code: US HIST

Grade(s): 10-11

Prerequisite(s): None

Credit(s): 1.0

Advanced Placement United States History

Students develop their understandings of historical content from Columbus through Reagan by reading widely from primary and secondary sources and practicing expository essay writing, with emphasis on preparation for the Advanced Placement exam.

Local Course #: 331002

TEA #: A3340100

Course Code: APUSHIST

Grade(s): 10-12

Prerequisite(s): None

Credit(s): 1.0

United States History I (Dual Credit)

Students survey the social, political, economic, cultural & intellectual history of the United States from pre-Columbian to Civil War/Reconstruction periods.

Local Course #: 341501

TEA #: 03380021

Course Code: SSADV2

College Course: HIST1301

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

United States History II (Dual Credit)

Students survey the social, political, economic, cultural & intellectual history of the United States from Reconstruction to the present.

Local Course #: 341502

TEA #: 03340100

Course Code: USHIST

College Course: HIST1302

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and U.S. History**

Advanced Placement European History

Students develop their understandings of the main themes in Modern European history, including political & diplomatic, intellectual & cultural, and social & economic history, and analyze how themes influenced the development of contemporary institutions, role of continuity and change in society & politics, and evolution of current forms of artistic & intellectual expression, with emphasis on preparation for the Advanced Placement exam.

Local #: 331005

TEA #: A3340200

Course Code: APEUHIST

Grade(s): 11-12

Prerequisite(s): AP World History (recommended)

Credit(s): 1.0

World Civilization I (Dual Credit)

Students survey the world social, political, economic, cultural, religious & intellectual history from the emergence of human cultures through the 15th century, including major cultural regions & their global interactions over time. Themes include emergence of early societies, rise of civilizations, development of political & legal systems, religion & philosophy, economic systems & trans-regional exchange networks, emphasizing development, interaction & impact of global exchange.

Local Course #: 345503

TEA #: 03380032

Course Code: SPTSS3

College Course: HIST2321

Grade(s): 11-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 0.5

World Civilization II (Dual Credit)

Students survey the world social, political, economic, cultural, religious & intellectual history from the 15th century to the present. Themes include emergence of early societies, rise of civilizations, development of political & legal systems, religion & philosophy, economic & trans-regional exchange networks, emphasizing development, interaction & impact of global exchange.

Local Course #: 345504

TEA #: 03380042

Course Code: SPTSS4

College Course: HIST2322

Grade(s): 11-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 0.5

GOVERNMENT**United States Government**

Students study the development and mechanics of United States government. The course emphasizes foundations of American government, federalism, legislative branch, executive branch, and the judicial branch.

Local Course #: 315003

TEA #: 03330100

Course Code: GOVT

Grade(s): 10-12

Prerequisite(s): None

Credit(s): 0.5

Advanced Placement United States Government & Politics

Students develop their understandings of the federal government's structure by reading from primary & secondary sources and writing about critical issues, with emphasis on preparation for the Advanced Placement exam.

Local Course #: 335003

TEA #: A3330100

Course Code: APUSGOVT

Grade(s): 12

Prerequisite(s): U.S. History (recommended)

Credit(s): 0.5

Federal Government (Dual Credit)

Students examine 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.

Local Course #: 345201

TEA #: 03330100

Course Code: GOVT

College Course: GOVT2305

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 0.5

Texas Government (Dual Credit)

Students examine the development of the Texas constitution, structure & powers of state/local government, federalism & inter-governmental relations, political participation, election process, public policy & political culture of TX.

Local Course #: 341202

TEA #: 13018200

Course Code: PRINGPA

College Course: GOVT2306

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Advanced Placement Comparative Government and Politics

Students identify problems, analyze policymaking, and compare multiple political systems, with emphasis on preparation for the Advanced Placement exam.

Local Course #: 335004

TEA #: A3330200

Course Code: APCPGOVT

Grade(s): 12

Prerequisite(s): U.S. History and US Government (recommended)

Credit(s): 0.5

ECONOMICS/FINANCIAL LITERACY**Economics with Emphasis on the Free Enterprise System**

Students develop understanding & appreciation of principles of economics and fundamentals of the American free enterprise system, emphasizing forms of business enterprise, role of labor, marketing goods & services, pricing & advertising, financing businesses, money & banking, economic stabilization policies & insurance as an investment fund & producer of consumer services.

Local Course #: 315004

TEA #: 03310300

Course Code: ECOFE

Grade(s): 11-12

Prerequisite(s): None

Credit(s): 0.5

Principles of Macroeconomics (Dual Credit)

Students analyze the whole economy, including measurement & determination of aggregate demand & supply, national income, inflation, and unemployment.

Local Course #: 345401

TEA #: 03310300

Course Code: ECO-FE

College Course: ECON2301

Grade(s): 11-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 0.5

Principles of Microeconomics (Dual Credit)

Students analyze individual economic agents, including consumer demand, producer behavior & supply, price & output decisions by firms under various market structures, factor markets, market failures and international trade.

Local Course #: 345402

TEA #: 03310301

Course Code: ECO ADV

College Course: ECON2302

Grade(s): 11-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 0.5

Personal Financial Literacy

Students learn to make informed financial decisions by setting personal financial goals, using financial statements to assess & monitor financial well-being, analyzing compensation from employment, evaluating consumption decisions and learning how saving & investing create wealth and build assets.

Local Course #: 315001

TEA #: 03380082

Course Code: PFL

Grade(s): 10-12

Prerequisite(s): None

Credit(s): 0.5

PSYCHOLOGY/SOCIOLOGY

Psychology

Students survey the major psychological topics, theories, and approaches to the scientific study of behavior and mental processes.

Local Course #: 315101

TEA #: 03350100

Course Code: PSYCH

Grade(s): 10-12

Prerequisite(s): None

Credit(s): 0.5

Advanced Placement Psychology

Students develop understandings of the systematic and scientific study of human behavior & mental processes, applying psychological theories, key concepts & phenomena associated with such topics as the biological bases of behavior, sensation & perception, learning & cognition, motivation, developmental psychology, testing & individual differences, treatment of abnormal behavior and social psychology, with emphasis on preparation for the Advanced Placement exam.

Local #: 335006

TEA #: A3350100

Course Code: APPSYCH

Grade(s): 9 - 12

Prerequisite(s): None

Credit(s): 0.5

General Psychology (Dual Credit)

Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.

Local Course #: 345301

TEA #: 03350100

Course Code: PSYCH

College Course: PSYC2301

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 0.5

Social Psychology (Dual Credit)

Students survey the major psychological topics, theories, and approaches to the scientific study of behavior and mental processes.

Local Course #: 341305

TEA #: 13024200

Course Code: PRINHUSR

College Course: PSYC2319

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Sociology

Students investigate the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world.

Local Course #: 315302

TEA #: 03370100

Course Code: SOC

Grade(s): 10-12

Prerequisite(s): None

Credit(s): 0.5

Introduction to Sociology (Dual Credit)

Students explore the scientific study of human society, including ways in which groups, social institutions, and individuals affect each other.

Local Course #: 345302

TEA #: 03370100

Course Code: SOC

College Course: SOCI1301

Grade(s): 11-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 0.5

SPECIAL TOPICS

Social Studies Research Methods

Students conduct advanced research on a student selected, teacher approved Social Studies topic using qualitative and quantitative methods.

Local Course #: 315100

TEA #: 03380003

Course Code: SSRES

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 0.5

Social Studies Advanced Studies

Students conduct independent research using various technologies to identify and investigate an issue or concern, prepare a professional product, and present findings to an appropriate audience.

Local Course #: 315002

TEA #: 03380001

Course Code: SSADV1

Grade(s): 11-12

Prerequisite(s): None

Credit(s): 0.5

Introduction to Philosophy (Dual Credit)

Students survey major issues in philosophy and/or the work of major philosophical figures in philosophy, such as theories of reality, theories of knowledge, theories of value and their practical applications.

Local Course #: 345303

TEA #: 03380042

Course Code: SPTSS4

College Course: PHIL1301

Grade(s): 11-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 0.5

Introduction to Ethics (Dual Credit)

Students evaluate classical and/or contemporary ethical theories concerning the good of life, human conduct in society, morals and standards of value.

Local Course #: 345304

TEA #: 03380032

Course Code: SPTSS3

College Course: PHIL2306

Grade(s): 10-12

Prerequisite(s): Passing TSI Reading score

College Course Hours: 3.0

Credit(s): 0.5

MOCK TRIAL

Mock Trial

Students learn the concepts and skills related to preparing public messages, analyzing and evaluating these messages, and applying vital critical thinking and problem-solving processes. Students discover how to blend the techniques into an overall presentation that effectively presents a position. The course emphasizes Texas Civil and Criminal Codes.

Local Course #: 811004

TEA #: 03240900

Course Code: PUBSPK1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Mock Trial II

Students learn the concepts and skills related to preparing public messages, analyzing and evaluating these messages, and applying vital critical thinking and problem-solving processes. Students develop knowledge of our legal system, and exercise communication and the art of advocacy. The course emphasizes the mechanics of a trial and the fundamentals of trial techniques. Students discover how to blend the techniques into an overall presentation that effectively presents a position.

Local Course #: 811006

TEA #: 03241000

Course Code: PUBSPK2

Grade(s): 10-12

Prerequisite(s): Mock Trial I

Credit(s): 1.0

Mock Trial III

Students build on skills learned in Mock Trial II. The course emphasizes the mechanics of a trial and the fundamentals of trial techniques. Students discover how to blend the techniques into an overall presentation that effectively presents a position.

Counts as a 4th English credit

Local Course #: 811007

TEA #: 03241100

Course Code: PUBSPK3

Grade(s): 11-12

Prerequisite(s): Mock Trial II

Credit(s): 1.0

Mock Trial IV

Students build on skills learned in Mock Trial III. The course emphasizes the mechanics of a trial and the fundamentals of trial techniques. Students discover how to blend the techniques into an overall presentation that effectively presents a position.

Local Course #: 811008

TEA #: 13029600

Course Code: COURTSP

Grade(s): 12

Prerequisite(s): Mock Trial III

Credit(s): 1.0

JUNIOR RESERVE OFFICERS TRAINING

Reserve Officers Training Corps (LET I)

Students maximize potential for individual success through learning and self-management by developing leadership skills, effective relationships with peers, adults, and the community (conflict resolution and service learning), correlating rights and the responsibilities of citizenship to purposes of our government, and relating historical events to choices and responsibilities Americans have today. Extracurricular activities include providing color guards, concession stands, and participating in community parades, drills, and rifle teams.

Can count for HS PE credit

Local Course #: 711001

TEA #: 03160100

Course Code: ROTC 1

Grade(s): 9-12

Prerequisite: None

Credit(s): 1.0

Reserve Officers Training Corps II (LET II)

Students build on the leadership and personal skills introduced in the first year. The course emphasizes wellness through nutrition, physical fitness, substance abuse prevention, and applying physical and political geography to build global awareness. The wearing of the uniform and participating in extracurricular activities are the same as for LET I. Students may be scheduled in similar sections per the JROTC MOI.

Local Course #: 711002

TEA #: 03160200

Course Code: ROTC 2

Grade(s): 9-12

Prerequisite: ROTC 1

Credit(s): 1.0

Reserve Officers Training Corps III (LET III)

Students continue building on the first two years with additional leadership focus towards staff training, team building and program management. The course emphasizes public speaking, assembling personalized career portfolios, and creating college action plans. The wearing of the uniform and participating in extracurricular activities are the same as for LET I. Students may be scheduled in similar sections per the JROTC MOI.

Local Course #: 711003

TEA #: 03160300

Course Code: ROTC 3

Grade(s): 9-12

Prerequisite: ROTC 2

Credit(s): 1.0

Reserve Officers Training Corps IV (LET IV)

Students continue building on previous curriculum by mentoring junior cadets and assisting in the instruction of LET I-III classes. LET IVs continue to develop leadership skills and are responsible for the planning of special unit events such as the annual military ball and awards programs. Must have recommendation from ROTC instructors.

Local Course #: 711004

TEA #: 03160400

Course Code: ROTC 4

Grade(s): 9-12

Prerequisite: ROTC 3

Credit(s): 1.0

SCIENCE

ANATOMY

Anatomy & Physiology

Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. The course emphasizes the structure and function of the human body and the interaction of body systems for maintaining homeostasis. (offered at both high schools and at the Greater Waco Advanced Health Care Academy)

Counts as a 3rd or 4th Science credit

Local Course #: 911801/H911801

TEA #: 13020600

Course Code: ANATPHYS

Grade(s): 11-12

Prerequisite(s): 2 HS science credits, including Biology & Medical

Terminology

Credit(s): 1.0

BIOLOGY

Biology I

Students learn laboratory science through a variety of activities designed to teach basic biological concepts such as functions of cells and viruses; growth and development of organisms; cells, tissues and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; ecosystems; living systems; homeostasis; ecosystems; and plants and the environment. This course will require an End of Course Exam.

Local Course #: 411000

TEA #: 03010200

Course Code: BIO

Grade(s): 9-10

Prerequisite(s): None

Credit(s): 1.0

Pre-AP Biology

Students engage in learning the essential knowledge and skills of Biology I while providing greater depth through self-directed research and projects as it prepares students to take the Advanced Placement Biology course & exam.

Local Course #: 421000

TEA #: 03010200

Course Code: BIO

Grade(s): 9

Prerequisite(s): None

Credit(s): 1.0

Advanced Placement Biology

Students engage in college level instruction that develops their understanding of science as a process, evolution, energy transfer, continuity and change, relationship of structure to function, regulation, interdependence in nature, and science technology and society, with emphasis on preparation for the Advanced Placement exam.

Counts as a 2nd, 3rd or 4th Science credit

Local Course #: 431001

TEA #: A3010200

Course Code: APBIO

Grade(s): 9-12

Prerequisite(s): Biology & Chemistry or Teacher Approval

Credit(s): 1.0

Biology for Science Majors I (Dual Credit)

Students study living organisms, including physical & chemical properties of life, organization, function, evolutionary adaptation & classification, diversity & classification of life, including animals, plants, protists, fungi & prokaryotes.

Local Course #: 441201

TEA #: 13037200

Course Code: SCIRD

College Course: BIOL1406

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and BIOL1408 or BIOL2401.**

Biology for Science Majors II (Dual Credit)

Students study living organisms, including physical & chemical properties of life, organization, function, evolutionary adaptation & classification, diversity & classification of life, including animals, plants, protists, fungi & prokaryotes.

Local Course #: 441202

TEA #: 13030700

Course Code: MICRO

College Course: BIOL1407

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

Biology for Non-Science Majors I (Dual Credit)

Students survey biological principles, with emphasis on humans, including chemistry of life, cells, structure, function, and reproduction and of biological principles, including evolution, ecology, plant and animal diversity and physiology.

Local Course #: 441203

TEA #: 13037200

Course Code: SCIRD

College Course: BIOL1408

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and BIOL1406 or BIOL2401**

Biology for Non-Science Majors II (Dual Credit)

Students survey biological principles, with emphasis on humans, including chemistry of life, cells, structure, function, and reproduction and of biological principles, including evolution, ecology, plant and animal diversity and physiology.

Local Course #: 441204

TEA #: 13037210

Course Code: SCIRD2

College Course: BIOL1409

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and BIOL 2402 or CHEM 1405.**

ENVIRONMENTAL SCIENCE

Environmental Systems

Students engage in opportunities to study and classify environmental objects, actions or events through scientific investigation. Students describe the effects of pollutants on the ecological balance, compare environmental populations under varying conditions, and apply the principles of environmental science to everyday life.

Counts as a 3rd or 4th Science credit

Local Course #: 411005

TEA #: 03020000

Course Code: ENVIRSYS

Grade(s): 11-12

Prerequisite(s): None

Credit(s): 1.0

Advanced Placement Environmental Science

Students engage in college level instruction that develops their understanding of the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Counts as a 2nd, 3rd or 4th Science credit

Local Course #: 431005

TEA #: A3020000

Course Code: APENVIR

Grade(s): 12

Prerequisite(s): Biology and Chemistry

Credit(s): 1.0

Environmental Science I and Lab (Dual Credit)

Students examine the forces, including humans, shaping our physical & biologic environment and how they affect life on Earth, while exploring global and regional environmental issues (including pollution, climate change, and sustainability of land, water and energy resources).

Local Course #: 441501 (course) / 440501 (lab)

TEA #: 03020000

Course Code: ENVIRSYS

College Course: ENVR1301 and ENVR1101

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0 + 1.0 Local Credit

Environmental Science II and Lab (Dual Credit)

Students examine the forces, including humans, shaping our physical & biologic environment and how they affect life on Earth, while exploring global and regional environmental issues (including pollution, climate change, and sustainability of land, water and energy resources).

Local Course #: 441504 (course) / 440504 (lab)

TEA #: 13001100

Course Code: ENGNRT

College Course: ENVR1302 and ENVR1102

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0 + 1.0 Local Credit

General Botany (Dual Credit)

Students examine fundamental biological concepts relevant to plant physiology, life cycle, growth and development, structure and function, and cellular and molecular metabolism, including the role of plants in the environment, evolution, and phylogeny of major plant groups, algae, and fungi. This course is intended for science majors.

Local Course #: 441207

TEA #: 13002000

Course Code: HORTISCI

College Course: BIOL1411

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

General Zoology (Dual Credit)

Students explore fundamental biological concepts relevant to animals, including systematics, evolution, structure and function, cellular and molecular metabolism, reproduction, development, diversity, phylogeny, and ecology. This course is intended for science majors.

Local Course #: 441205

TEA #: 13000700

Course Code: ADVANSC

College Course: BIOL1413

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

Aquatic Science

Students study interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Students strengthen their critical thinking and problem-solving skills through investigations and field work. The emphasis of this course includes fresh water or marine aspects of Aquatic Science, depending on the natural resources available near the school.

Counts as a 3rd or 4th Science credit

Local Course #: 411004

TEA #: 03030000

Course Code: AQUASCI

Grade(s): 10-12

Prerequisite(s): Biology

Credit(s): 1.0

EARTH AND SPACE SCIENCE**Earth Science (Dual Credit)**

Students examine the forces, including humans, shaping our physical & biologic environment and how they affect life on Earth, while exploring global and regional environmental issues (including pollution, climate change, and sustainability of land, water and energy resources).

Local Course #: 441502 (course) / 440502 (lab)

TEA #: 03060200

Course Code: ESS

College Course: GEOL1301 and GEOL1101

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0 + 1.0 Local Credit

****NOTE: Cannot earn credit for this course and PHYS 1403 or GEOL 1403**

Stars and Galaxies (Dual Credit)

Students explore the stars, galaxies and the universe outside our solar system.

Local Course #: 441403

TEA #: 03060100

Course Code: ESS

College Course: PHYS1403

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and GEOL1301/1401 or GEOL1403**

Physical Geology (Dual Credit)

Students examine materials/processes that modified and shaped the surface & interior of Earth.

Local Course #: 441503

TEA #: 03060100

Course Code: ESS

College Course: GEOL1403

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and PHYS 1403 or GEOL 1301/1401**

Earth Science for Non-Science Majors (Dual Credit)

Students examine materials/processes that modified and shaped the surface & interior of Earth.

Local Course #: 441505

TEA #: 03060100

Course Code: ESS

College Course: GEOL1401

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and PHYS 1403 or GEOL 1403**

CHEMISTRY**Integrated Physics and Chemistry**

Students develop their understanding of physics and chemistry through the exploration of a variety of topics. The course emphasizes structure of matter, measurement, properties of matter, chemical reactions, carbon chemistry, motion, work, heat waves, sound, light, electric charges, currents, electromagnetism, and electrochemical reactions.

Counts as a 2nd Science credit

Local Course #: 411001

TEA #: 03060201

Course Code: IPC

Grade(s): 9-11

Prerequisite(s): None

Credit(s): 1.0

Chemistry

Students explore the uses of the periodic chart in regard to chemical and physical properties of elements, atomic structure, atomic bonding, writing formulas, naming elements and compounds, balancing equations, and doing mathematical calculations.

Counts as a 2nd, 3rd or 4th Science credit

Local Course #: 411002

TEA #: 03040000

Course Code: CHEM

Grade(s): 10-12

Prerequisite(s): Biology & Algebra I

Credit(s): 1.0

Pre-AP Chemistry

Students engage in learning all the essential knowledge and skills of Chemistry while providing greater depth. Students explore the qualitative and quantitative aspects of a first-year chemistry program. The course is designed to prepare students to take the Advanced Placement exam and potentially earn college credits or advanced standing.

Counts as a 2nd, 3rd or 4th Science credit

Local Course #: 421002

TEA #: 03040000

Course Code: CHEM

Grade(s): 10-12

Prerequisite(s): Biology & Algebra I

Credit(s): 1.0

Advanced Placement Chemistry

Students engage in college level instruction that develops their understanding about the structure of matter, states of matter, reactions, and descriptive chemistry. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Counts as a 2nd, 3rd or 4th Science credit

Local Course #: 431002

TEA #: A3040000

Course Code: APCHEM

Grade(s): 11-12

Prerequisite(s): Biology & Algebra II

Credit(s): 1.0

Chemistry for Non-Science Majors (Dual Credit)

Students in allied health or non-science majors develop an understanding of inorganic, organic, biochemistry, food/physiological chemistry and environmental/ consumer chemistry.

Local Course #: 441301

TEA #: 13037210

Course Code: SCIRD2

College Course: CHEM1405

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and BIOL 1409, BIOL 2402 or PHYS 1402.**

General Chemistry for Science Majors (Dual Credit)

Students examine fundamental properties of matter, states of matter, stoichiometry, periodicity of elemental properties, atomic structure, chemical bonding, reactions, molecular structure, solutions, properties of gases, equilibrium, phase diagrams & spectrometry, acid-base concepts, thermodynamics, kinetics, thermodynamics, electrochemistry, nuclear, descriptive, organic and inorganic chemistry.

Local Course #: 441302

TEA #: N1120027

Course Code: ORGCHEM

College Course: CHEM1411

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

General Chemistry for Science Majors II (Dual Credit)

Students examine fundamental properties of matter, states of matter, stoichiometry, periodicity of elemental properties, atomic structure, chemical bonding, reactions, molecular structure, solutions, properties of gases, equilibrium, phase diagrams & spectrometry, acid-base concepts, thermodynamics, kinetics, thermodynamics, electrochemistry, nuclear, descriptive, organic and inorganic chemistry.

Local Course #: 441303

TEA #: 13037220

Course Code: SCIRD3

College Course: CHEM1412

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and PHYS 1405.**

PHYSICS

Physics

Students explore matter & energy through a laboratory-oriented approach, emphasizing the four universal forces & solving problems relating to gravity, electromagnetic and nuclear forces.

NOTE: A scientific calculator is used in solving physics problems.

Counts as a 2nd, 3rd or 4th Science credit

Local Course #: 411003

TEA #: 03050000

Course Code: PHYSICS

Grade(s): 11-12

Prerequisite(s): Biology & Algebra I

Credit(s): 1.0

Pre-AP Physics

Students develop their understandings of the physical laws governing the universe, emphasizing the four universal forces & solving problems relating to gravity, electromagnetic and nuclear forces with greater depth and more student-directed activities.

NOTE: A scientific calculator is used in solving physics problems.

Counts as a 2nd, 3rd or 4th Science credit

Local Course #: 421003

TEA #: 03050000

Course Code: PHYSICS

Grade(s): 11-12

Prerequisite(s): Biology & Algebra I

Credit(s): 1.0

Principles of Technology

Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves, applying physics concepts, and performing laboratory experimentations.

Counts as 2nd, 3rd or 4th Science credit, if Physics not used for science credit

Local Course #: 911721

TEA #: 13037100

Course Code: PRINTECH

Grade(s): 11

Prerequisite(s): Biology & Algebra I

Credit(s): 1.0

College Physics I for Science Majors (Dual Credit)

Students examine physics principles (using algebra & trigonometry) to discover applications of classical mechanics & thermodynamics, including harmonic motion, mechanical waves, sound, physical systems, Newton's Laws, gravitation & other fundamental forces, electricity & magnetism (circuits, electrostatics, electromagnetism), waves, sound, light, and optics.

Local Course #: 441401

TEA #: N1120027

Course Code: MODPHY

College Course: PHYS1401

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and PHYS 2425**

College Physics II for Science Majors (Dual Credit)

Students utilize algebra/trigonometry to discover classical mechanics & thermodynamics applications, including harmonic motion, mechanical waves, sound, Newton's Laws, gravitation, forces & magnetism.

Local Course #: 441402

TEA #: 13037210

Course Code: SCIRD2

College Course: PHYS1402

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and CHEM 1405 or BIOL 1409.

Elementary Physics I for Non-Science Majors (Dual Credit)

Students examine foundational topics in physics at a conceptual level appropriate for non-science majors.

Local Course #: 441404

TEA #: 13037220

Course Code: SCIRD3

College Course: PHYS1405

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and CHEM 1412.

University Physics I (Dual Credit)

Students utilize calculus to examine and apply classical mechanics, including harmonic motion, physical systems & thermodynamics.

Local Course #: 441405

TEA #: N1120027

Course Code: MODPHY

College Course: PHYS2425

Grade(s): 10-12

Prerequisite(s): Passing TSI English score and Calculus I

College Course Hours: 4.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and PHYS 1401

University Physics II (Dual Credit)

Students further explore fundamental principles of physics using calculus, including harmonic motion, physical systems & thermodynamics.

Local Course #: 441406

TEA #: 13037300

Course Code: ENGDPRS

College Course: PHYS2426

Grade(s): 10-12

Prerequisite(s): PHYS2425

College Course Hours: 4.0

Credit(s): 1.0

ENGINEERING SCIENCE**Engineering Science**

Students use problem-solving skills and apply knowledge of research & design to solve real issues. (only at UHS Engineering Academy or GWAMA).

Counts as a 3rd or 4th Science credit

Local Course #: 911735

TEA #: 13037500

Course Code: ENGSCI

Grade(s): 10-12

Prerequisite(s): Recommended Algebra I and Biology

Credit(s): 1.0

Engineering Design and Presentation

Students demonstrate knowledge & skills of the design process as it applies to engineering, using multiple software applications & tools necessary to produce and present working drawings, solid model renderings and prototypes.

Local Course #: 911734

TEA #: 13036500

Course Code: ENGDSPIR1

Grade(s): 11-12

Prerequisite(s): Geometry, Recommended 2 HS STEM credits

Credit(s): 1.0

Scientific Research and Design

Students engage in scientific research and design in the area of rocketry. The course emphasizes a focus on systems, including space, time, energy, matter, change, and constancy. Students apply their research and observations to make educated predictions. (offered in the UHS Engineering Academy or at the Greater Waco Advanced Manufacturing Academy)

Counts as a 3rd or 4th Science credit

Local Course #: 911700/G911700

TEA #: 13037200

Course Code: SCIRD

Grade(s): 10-12

Prerequisite(s): Biology, Chemistry, IPC or Physics

Credit(s): 1.0

SPECIAL TOPICS**Forensic Science**

Students investigate the crimes of assault, abuse & neglect, domestic violence, accidental death, and homicide to uncover the psychology of criminal behavior, emphasizing terminology & scientific investigative procedures used at a crime scene, questioning, interviewing, criminal behavior characteristics and truth detection.

Counts as 3rd or 4th Science credit

Local Course #: 911402

TEA #: 13029500

Course Code: FORENSCI

Grade(s): 11-12

Prerequisite(s): Biology and Chemistry

Credit(s): 1.0

Food Science

Students conduct investigations using scientific methods & making informed decisions to study of the nature of foods, causes of deterioration, principles underlying food processing and improvement of foods for consumers.

Counts as a 3rd or 4th Science credit

Local Course #: 911602

TEA #: 13023000

Course Code: FOODSCI

Grade(s): 11-12

Prerequisite(s): Biology

Credit(s): 1.0

Pathophysiology

Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students will study disease processes and how humans are affected. The course emphasizes the prevention and treatment of disease. (offered at the Greater Waco Advanced Health Care Academy)

Counts as a 3rd or 4th Science credit

Local Course #: H911804

TEA #: 13020800

Course Code: PATHO

Grade(s): 12

Prerequisite(s): Biology and Chemistry

Credit(s): 1.0

Nutrition & Diet Therapy (Dual Credit)

Students explore general nutritional concepts in health and disease and includes practical applications of that knowledge. Special emphasis is given to nutrients and nutritional processes including functions, food sources, digestion, absorption, and metabolism. Food safety, availability and nutritional information, including food labels, advertising, and nationally established guidelines are addressed.

Local Course #: 441206

TEA #: 13023000

Course Code: FOODSCI

College Course: BIOL1322

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

COMPUTER SCIENCE

Fundamentals of Computer Science

Students employ computer operating systems, software applications, and communication networking components. The student is expected to develop technical documentation related to desktop publishing.

Local Course #: 811300

TEA #: 03580140

Course Code: TAFCS

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Introduction to Computing (Dual Credit)

Provides an overview of computer information systems by introducing computer hardware, software, procedures, systems and human resources and exploring their integration and application in business and other segments of society. The fundamentals of computer problem solving through applications will be applied.

Local Course #: 841101

TEA #: 13037100

Course Code: PRINTECH

College Course: COSC1301

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and Principles of Technology

Pre-AP Computer Science I

Students develop the beginning concepts and skills related to the following: programming, methodology, programming languages, data types and structures, algorithms, applications of computing, computer systems, and social implications of computers.

Counts as a Language Other than English credit

Local Course #: 821301

TEA #: 03580200

Course Code: TACS1

Grade(s): 10-12

Prerequisite(s): Algebra I

Credit(s): 1.0

Programming Fundamentals I (Dual Credit)

Introduces the fundamental concepts of structured programming, including software development methodology, data types, control structures, functions, arrays, and the mechanics of running, testing and debugging.

This course assumes computer literacy.

Local Course #: 841102

TEA #: 13027600

Course Code: COMPPRO

College Course: COSC1336

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Pre-AP Computer Science II

Students write software independently. The software must use integrated file searches, sorts, and mergers. The student must produce at least one game, menu executable program, and one student-selected program. Programs must be converted to executable files that can be easily used.

Counts as a Language Other than English credit

Local Course #: 821302

TEA #: 03580300

Course Code: TACS2

Grade(s): 11-12

Prerequisite(s): Algebra I & Computer Science I

Credit(s): 1.0

Programming Fundamentals II (Dual Credit)

Reviews control structures and data types with emphasis on structured data types, applying the object-oriented programming paradigm, focusing on the definition and use of classes along with the fundamentals of object-oriented design. The course includes basic analysis for algorithms, searching and sorting techniques, and an introduction to software engineering.

Local Course #: 841103

TEA #: 13027700

Course Code: COMPPRO2

College Course: COSC1337

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Advanced Placement Computer Science A

Students engage in college level instruction that develops their ability to analyze algorithms, develop and use data structures, and study typical applications of computer software. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Counts as a 3rd or 4th Mathematics credit and Counts as a Language Other than English credit

Local Course #: 231301 / 631301

TEA #: A3580110 / A3580120

Course Code: APTACSAM / APTACSAL

Grades: 11-12

Prerequisites: Algebra I and Computer Science I

Credit(s): 1.0

Advanced Placement Computer Science Principles

Students engage in college level instruction that develops their ability to use computational tools to analyze large data sets, visualize, and draw conclusions from trends. The course emphasizes student creativity, effective communication, and collaboration. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Local Course #: 231003

TEA # A3580300

Course Code: APCSPRIN

Grade: 9-12

Prerequisite: Algebra I

Credit(s): 1.0

FINE ARTS

See **Appendix H** for recommended Fine Arts course sequences for high school.

ART

Visual Art courses provide students skills in 2D and 3D art forms through understandings of art history, art in culture and society, and art techniques. Students are encouraged to participate in VASE competitions to showcase individual talent, requiring travel to qualifying competitions in the spring.

HISTORY

Advanced Placement Art History

Students engage in college-level instruction that develops an understanding and knowledge of architecture, sculpture, painting & other historical and cultural art forms. Emphasis is on preparation for the Advanced Placement exam.

Local Course #: 531004

TEA # A3500100

Course Code: APHISART

Grades: 10-12

Prerequisite: Previous Art class

Credit(s): 1.0

Art History I: 14th Century to the Present (Dual Credit)

A chronological analysis of the historical and cultural contexts of the visual arts from prehistoric times to the 14th century.

Local Course #: 541003

TEA #: 03500400

Course Code: ART4

College Course: ARTS1303

Grade(s): 9-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

APPRECIATION

Art Appreciation (Dual Credit)

Students explore visual arts to form an appreciation of the vocabulary, media, techniques and purposes of the creative process and to critically interpret and evaluate works of art within formal, cultural, and historical contexts.

Local Course #: 541001

TEA #: 03500110

Course Code: ART1APPR

College Course: ARTS1301

Grade(s): 9-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

DESIGN

Art I

Students apply fundamental elements and principles of design, emphasizing texture, shape, space and pattern to create sculptures, paintings and drawings.

Local Course #: 511001

TEA #: 03500100

Course Code: ART 1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Pre-AP Art I

For those preparing a portfolio for AP Studio Art.

Local Course #: 521001

TEA #: 03500100

Course Code: ART 1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Art II (Drawing)

Local Course #: 511002

TEA #: 03500500

Course Code: ART2DRAW

Grade(s): 10-12

Prerequisite(s): 1 HS credit of Level I art.

Credit(s): 1.0

Pre-AP Art II (Drawing)

Local Course #: 521002

TEA #: 03500500

Course Code: ART2DRAW

Grade(s): 10-12

Prerequisite(s): 1 HS credit of Level I art.

Credit(s): 1.0

Art III (Drawing)

Local Course #: 511003

TEA #: 03501300

Course Code: ART3DRAW

Grade(s): 11-12

Prerequisite(s): 1 HS credit of Level II art

Credit(s): 1.0

Art IV (Drawing)

Local Course #: 511004

TEA #: 03502300

Course Code: ART4DRAW

Grade(s): 12

Prerequisite(s): 1 HS credit of Level III art

Credit(s): 1.0

Advanced Placement Studio Art Drawing

Students investigate a particular visual interest or problem and display a range of approaches to the formal, technical and expressive means of the artist that reflect three areas of concern: quality (selected works), concentration (sustained investigation) and breadth (range of approaches).

Local Course #: 531001

TEA # A3500300

Course Code: APSTARTD

Grades: 10-12

Prerequisite: Art I and teacher recommendation

Credit(s): 1.0

Advanced Placement Studio Art Design 2D

Students demonstrate understanding of 2-D design through any two-dimensional medium or process, including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting, and printmaking.

Local Course #: 531002

TEA # A3500400

Course Code: AP2DDP

Grades: 10-12

Prerequisite: Art I

Credit(s): 1.0

Advanced Placement Studio Art Design 3D

Students demonstrate understanding of 3D-design principles—unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale, and occupied/unoccupied space—through visual elements (mass, volume, color/light, form, plane, line, texture). Mediums include figurative or nonfigurative sculpture, architectural models, metal work, ceramics, glass work, installation, performance, assemblage, and 3-D fabric/fiber arts.

Local Course #: 531003

TEA # A3500500

Course Code: AP3DDP

Grades: 10-12

Prerequisite: Art I

Credit(s): 1.0

MUSIC

APPRECIATION

Music Appreciation (Dual Credit)

Students understand music of cultural periods, major composers and musical elements through audio recordings & live performances.

Local Course #: 541101

TEA #: 03155600

Course Code: MUSAPPR

College Course: MUSI1306

Grade(s): 9-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

American Music (Dual Credit)

Students survey various styles of music in America, including jazz, ragtime, folk, rock and contemporary art music.

Local Course #: 541102

TEA #: 03156400

Course Code: MUSSCOMMI

College Course: MUSI1310

Grade(s): 9-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

THEORY

Advanced Placement Music Theory

Students engage in college level instruction that develops the rudiments and terminology of music including notation, intervals, scales and keys, chords, metric organization, and rhythmic patterns. The course emphasizes topics such as harmony, texture, form, and music history. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Local Course#: 531005

TEA # A3150200

Course Code: APMUSTHY

Grades: 11-12

Prerequisite: Placement test, previous participation in at least 1 music-related class

Credit(s): 1.0

JAZZ BAND

Courses designed for those interested in jazz, dance and popular music who read music and seek training in basic improvisation techniques. Students must concurrently enroll in Marching Band and are expected to prepare for events and competitions via TMEA, both as individuals and ensembles with other band students. Students must maintain passing grades in all courses, including band, to participate in TMEA activities and other competitions.

Jazz Ensemble I

Local Course #: 511401

TEA#: 03151300

Course Code: MUS1JZBN

Grade(s): 9-12

Prerequisite(s): by audition only

Credit(s): 1.0

Jazz Ensemble II

Local Course #: 511402

TEA #: 03151400

Course Code: MUS2JZBN

Grade(s): 10-12

Prerequisite(s): Jazz Band I, by audition only

Credit(s): 1.0

Jazz Ensemble III

Local Course #: 511403

TEA#: 03151500

Course Code: MUS3JZBN

Grade(s): 11-12

Prerequisite(s): Jazz Band II, by audition only

Credit(s): 1.0

Jazz Ensemble IV

Local Course #: 511404

TEA #: 03151600

Course Code: MUS4JZBN

Grade(s): 12

Prerequisite(s): Jazz Band III, by audition only

Credit(s): 1.0

PIANO

Piano I

Students learn to play the piano, develop music-reading abilities, appreciate music from a wide variety of sources, and apply basic music theory concepts to create songs and musical compositions. No prior piano or musical knowledge is needed, but students should be prepared to practice diligently on pianos provided at the school.

Local Course #: 511201

TEA #: 03154200

Course Code: MUS1PIA

Grade(s): 9-12

Prerequisite(s): None.

Credit(s): 1.0

Piano II

Students learn intermediate concepts in theory, develop piano skills and write original musical compositions. Individual practice outside class is expected. Students in this class must play piano at an intermediate level and read music.

Local Course #: 511202

TEA #: 03154300

Course Code: MUS2PIA

Grade(s): 9-12

Prerequisite(s): Piano I and/or audition for instructor.

Credit(s): 1.0

Piano III

Local Course #: 511203

TEA #: 03154400

Course Code: MUS3PIA

Grade(s): 9-12

Prerequisite(s): Piano II and/or audition for instructor.

Credit(s): 1.0

Piano IV

Local Course #: 511204

TEA #: 03154500

Course Code: MUS4PIA

Grade(s): 9-12

Prerequisite(s): Piano III and/or audition for instructor.

Credit(s): 1.0

MARCHING AND CONCERT BAND

Band courses teach instrumental musical performance in both drill-based marching concepts and concert hall performance styles. To participate in marching band and concert band, students must enroll in one of the band classes listed as assigned by the school's band director. Band activities require that students attend evening, out-of-town, and weekend rehearsals and events. Students who are enrolled in band classes are required to participate in marching band in the fall and UIL concert band in the spring. Marching Band qualifies for the PE waiver credit in high school. To earn full PE credit, the student needs to successfully participate in the band for two marching seasons. All students will be expected to prepare for events and competitions in both UIL and TMEA formats, both as individuals and as ensembles with other band students. Students must maintain passing averages in all academic courses, including band, to be eligible to participate in UIL/TMEA activities and other competitions.

Varsity Band [9th] (Music I)

Local Course #: 511411

TEA #: 03150100

Course Code: MUS1BAND

Grade(s): 9

Prerequisite(s): by audition only

Credit(s): 1.0

Non-Varsity Band [9th] (Music I)

Local Course #: 511412

TEA #: 03150100

Course Code: MUS1BAND

Grade(s): 9

Prerequisite(s): by audition only

Credit(s): 1.0

Sub Non-Varsity Band [9th] (Music I)

Local Course #: 511413

TEA #: 03150100

Course Code: MUS1BAND

Grade(s): 9 Prerequisite(s): None

Credit(s): 1.0

Varsity Band [10th] (Music II)

Local Course #: 511421

TEA #: 03150200

Course Code: MUS2BAND

Grade(s): 10

Prerequisite(s): by audition only

Credit(s): 1.0

Non-Varsity Band [10th] (Music II)

Local Course #: 511422

TEA #: 03150200

Course Code: MUS2BAND

Grade(s): 10

Prerequisite(s): by audition only

Credit(s): 1.0

Sub Non-Varsity Band [10th] (Music II)

Local Course #: 511423

TEA #: 03150200

Course Code: MUS2BAND

Grade(s): 10 Prerequisite(s): None

Credit(s): 1.0

Varsity Band [11th] (Music III)

Local Course #: 511431

TEA #: 03150300

Course Code: MUS3BAND

Grade(s): 11

Prerequisite(s): by audition only

Credit(s): 1.0

Non-Varsity Band [11th] (Music III)

Local Course #: 511432

TEA #: 03150300

Course Code: MUS3BAND

Grade(s): 11

Prerequisite(s): by audition only

Credit(s): 1.0

Sub Non-Varsity Band [11th] (Music III)

Local Course #: 511433

TEA #: 03150300

Course Code: MUS3BAND

Grade(s): 11 Prerequisite(s): None

Credit(s): 1.0

Varsity Band [12th] (Music IV)

Local Course #: 511441

TEA #: 03150400

Course Code: MUS4BAND

Grade(s): 12

Prerequisite(s): by audition only

Credit(s): 1.0

Non-Varsity Band [12th] (Music IV)

Local Course #: 511442

TEA #: 03150400

Course Code: MUS4BAND

Grade(s): 12

Prerequisite(s): by audition only

Credit(s): 1.0

Sub Non-Varsity Band [12th] (Music IV)

Local Course #: 511443

TEA #: 03150400

Course Code: MUS4BAND

Grade(s): 12 Prerequisite(s): None

Credit(s): 1.0

MARIACHI

The course emphasizes the study of mariachi instruments, history, theory and performance.

Mariachi I

Students discover the sections that make up the mariachi and prepare to audition for placement into the mariachi performance groups and are expected to attend rehearsals as scheduled by director.

Local Course #: 511211

TEA #: 03153800

Course Code: MUS1MAR

Grade(s): 9-12

Prerequisite(s): Must be in another music performance class (band, choir, orchestra).

Credit(s): 1.0

Mariachi II

Students refine music and vocal skills to participate in productions and competitions. Students are expected to compete in various UIL and festival contests in addition to community/public performances.

Local Course #: 511212

TEA #: 03153900

Course Code: MUS2MAR

Grade(s): 9-12

Prerequisite(s): Mariachi I or another music performance class (band, choir, orchestra).

Credit(s): 1.0

Mariachi III

Local Course #: 511213

TEA #: 03154000

Course Code: MUS3MAR

Grade(s): 9-12

Prerequisite(s): Mariachi I or another music performance class (band, choir, orchestra).

Credit(s): 1.0

Mariachi IV

Local Course #: 511214

TEA #: 03154100

Course Code: MUS4MAR

Grade(s): 9-12

Prerequisite(s): Mariachi I or another music performance class (band, choir, orchestra).

Credit(s): 1.0

COLOR GUARD

Students participate in the marching band ensemble unit and are subject to the requirements that apply to band members, such as movement and manipulation of Color Guard equipment and the body. Student may also participate in Winter Guard per campus decision.

Color Guard I

Local Course #: 511221

TEA #: 03151700

Course Code: MUS1INEN

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Color Guard II

Local Course #: 511222

TEA #: 03151800

Course Code: MUS2INEN

Grade(s): 10-12

Prerequisite(s): Color Guard I

Credit(s): 1.0

Color Guard III

Local Course #: 511223

TEA #: 03151900

Course Code: MUS3INEN

Grade(s): 11-12

Prerequisite(s): Color Guard II

Credit(s): 1.0

Color Guard IV

Local Course #: 511224

TEA #: 03152000

Course Code: MUS4INEN

Grade(s): 12

Prerequisite(s): Color Guard III

Credit(s): 1.0

ORCHESTRA

The instrumental string courses include a wide variety of fundamental, intermediate and advanced performance instruction in orchestral music. Topics include care and handling of instruments, posture and playing position, instrumental technique, and music reading skills. Students interested in instrumental string music should contact the campus orchestra director and discuss the musical instrument to be used. Students must be willing to occasionally attend after school rehearsals and must maintain a passing average in all academic courses to be eligible to participate in UIL/ TMEA activities and other competitions. Emphasis on ensemble performance skills.

Non-Varsity Orchestra (Music I)

Local Course #: 511502

TEA #: 03150500

Course Code: MUS1ORCH

Grade(s): 9-12

Prerequisite(s): by audition only

Credit(s): 1.0

Varsity Orchestra (Music I)

Local Course #: 511501

TEA #: 03150500

Course Code: MUS1ORCH

Grade(s): 9-12

Prerequisite(s): by audition only

Credit(s): 1.0

Non-Varsity Orchestra (Music II)

Local Course #: 511512

TEA #: 03150600

Course Code: MUS2ORCH

Grade(s): 10-12

Prerequisite(s): Orchestra I, by audition only

Credit(s): 1.0

Varsity Orchestra (Music II)

Local Course #: 511511

TEA #: 03150600

Course Code: MUS2ORCH

Grade(s): 10-12

Prerequisite(s): Orchestra I, by audition only

Credit(s): 1.0

Non-Varsity Orchestra (Music III)

Local Course #: 511522

TEA #: 03150700

Course Code: MUS3ORCH

Grade(s): 11-12

Prerequisite(s): Orchestra II, by audition only

Credit(s): 1.0

Varsity Orchestra (Music III)

Local Course #: 511521

TEA #: 03150700

Course Code: MUS3ORCH

Grade(s): 11-12

Prerequisite(s): Orchestra II, by audition only

Credit(s): 1.0

Non-Varsity Orchestra (Music IV)

Local Course #: 511532

TEA #: 03150800

Course Code: MUS4ORCH

Grade(s): 12

Prerequisite(s): Orchestra III, by audition only

Credit(s): 1.0

Varsity Orchestra (Music IV)

Local Course #: 511531

TEA #: 03150800

Course Code: MUS4ORCH

Grade(s): 12

Prerequisite(s): Orchestra III, by audition only

Credit(s): 1.0

VOCAL MUSIC

Classes do not require previous choir experience or independent sight reading. Enrolled students participate in fall, Christmas, spring, and civic performances throughout the year, and if the appropriate level of musicianship and sight reading is reached, may attend UIL competition.

Concert Choir I

Local Course #: 511301

TEA #: 03150900

Course Code: MUS1CHOR

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Concert Choir II

Local Course #: 511302

TEA #: 03151000

Course Code: MUS2CHOR

Grade(s): 9-12

Prerequisite(s): Concert Choir I

Credit(s): 1.0

Concert Choir III

Local Course #: 511303

TEA #: 03151100

Course Code: MUS3CHOR

Grade(s): 9-12

Prerequisite(s): Concert Choir II

Credit(s): 1.0

Concert Choir IV

Local Course #: 511304

TEA #: 03151200

Course Code: MUS4CHOR

Grade(s): 9-12

Prerequisite(s): Concert Choir III

Credit(s): 1.0

MEN'S CHOIR (Guy's Glee)

Classes require sight reading skills and previous choir experience. Enrolled students participate in fall, Christmas, spring & civic performances throughout the year, and if appropriate level of musicianship is reached, UIL competition.

Music Choir I (Guy's Glee)

Local Course #: 511311

TEA #: 03150900

Course Code: MUS1CHOR

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Music Choir II (Guy's Glee)

Local Course #: 511312

TEA #: 03151000

Course Code: MUS2CHOR

Grade(s): 10 -12

Prerequisite(s): Music I Choir (Guy's Glee)

Credit(s): 1.0

Music Choir III (Guy's Glee)

Local Course #: 511313

TEA #: 03151100

Course Code: MUS3CHOR

Grade(s): 10 -12

Prerequisite(s): Music II Choir (Guy's Glee)

Credit(s): 1.0

Music Choir IV (Guy's Glee)

Local Course #: 511314

TEA #: 03151200

Course Code: MUS4CHOR

Grade(s): 10 -12

Prerequisite(s): Music III Choir (Guy's Glee)

Credit(s): 1.0

WOMEN'S CHOIR

(Girls Glee I-II, Women's Select I-IV)

These classes are designed for students who have previous experience in choir and have sight reading skills. Students enrolled in these classes will be expected to participate in a fall, Christmas, and spring concert, as well as civic performances throughout the year. Students are expected to go to UIL competition, but only if the appropriate level of musicianship is reached.

Girls Glee I (Music I Vocal Ensemble)

Local Course #: 511321

TEA #: 03152100

Course Code: MUS1VOEN

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Girls Glee II (Music II Vocal Ensemble)

Local Course #: 511322

TEA #: 03152200

Course Code: MUS2VOEN

Grade(s): 9-12

Prerequisite(s): Music I Vocal Ensemble (*Girls Glee I*), Open by Audition Only, Sight reading Knowledge

Credit(s): 1.0

Girls Glee III (Music III Vocal Ensemble)

Local Course #: 511323

TEA #: 03152300

Course Code: MUS3VOEN

Grade(s): 9-12

Prerequisite(s): Music I Vocal Ensemble (*Girls Glee I*), Open by Audition Only, Sight reading Knowledge

Credit(s): 1.0

Girls Glee IV (Music IV Vocal Ensemble)

Local Course #: 511324

TEA #: 03152400

Course Code: MUS4VOEN

Grade(s): 9-12

Prerequisite(s): Music I Vocal Ensemble (*Girls Glee I*), Open by Audition Only, Sight reading Knowledge

Credit(s): 1.0

Women's Select I

Local Course #: 511331

TEA #: 03152100

Course Code: MUS1VOEN

Grade(s): 9

Prerequisite(s): Previous Choir Experience, by audition only, Sight-reading Knowledge

Credit(s): 1.0

Women's Select II

Local Course #: 511332

TEA #: 03152200

Course Code: MUS2VOEN

Grade(s): 10-12

Prerequisite(s): Music I Vocal Ensemble (*Girl's Glee I / Women's Select I*), by audition only

Credit(s): 1.0

Women's Select III

Local Course #: 511333

TEA #: 03152300

Course Code: MUS3VOEN

Grade(s): 11-12

Prerequisite(s): Music II Vocal Ensemble (*Girl's Glee II / Women's Select II*), Proficient sight-reading knowledge, by audition only

Credit(s): 1.0

Women's Select IV

Local Course #: 511334

TEA #: 03152400

Course Code: MUS4VOEN

Grade(s): 9-12

Prerequisite(s): Music III Vocal Ensemble (*Women's Select III*), Proficient sight-reading knowledge, by audition only

Credit(s): 1.0

Bel Canto I

Students develop mature vocal quality and sight-reading skills. Bel Canto is a choir class designed for intermediate alto/soprano singers.

Local Course #: 511341

TEA#: 03150900

Course Code: MUS1CHOR

Grades (s): 9-12

Prerequisite(s): Audition

Credit(s): 1.0

Bel Canto II

Students develop mature vocal quality and sight-reading skills. Bel Canto is a choir class designed for intermediate alto/soprano singers.

Local Course #: 511342

TEA#: 03151000

Course Code: MUS2CHOR

Grades (s): 10-12

Prerequisite(s): Audition and/or teacher placement.

Credit(s): 1.0

Bel Canto III

Local Course #: 511343

TEA#: 03151100

Course Code: MUS3CHOR

Grades (s): 10-12

Prerequisite(s): Audition and/or teacher placement.

Credit(s): 1.0

Bel Canto IV

Local Course #: 511344

TEA#: 03151200

Course Code: MUS4CHOR

Grades (s): 10-12

Prerequisite(s): Audition and/or teacher placement.

Credit(s): 1.0

Varsity Mixed Choir

(A' Capella I-IV, Show Choir I-IV)

These classes are designed for the most advanced choral students. These students must be able to demonstrate excellent sight-reading skills. Students enrolled in this class will be expected to participate in a fall, Christmas, and spring concert, as well as civic performances throughout the year. Students will be expected to improve sight reading skills daily, as well as pass all classes. As students advance through the levels of the courses offered below, the strand grows in scope and rigor.

A' Capella I Intermediate Mixed Choir

Local Course #: 511351

TEA #: 03150900

Course Code: MUS1CHOR

Grade(s): 9-12

Prerequisite(s): by audition only, Sight-reading Knowledge, Choir experience

Credit(s): 1.0

A' Capella II Intermediate Mixed Choir

Local Course #: 511352 Non-Varsity / 511355 Varsity

TEA #: 03151000

Course Code: MUS2CHOR

Grade(s): 10-12

Prerequisite(s): Choir I, by audition only, Sight- reading Knowledge

Credit(s): 1.0

A' Capella III Intermediate Mixed Choir

Local Course #: 511353 Non-Varsity / 511356 Varsity

TEA #: 03151100

Course Code: MUS3CHOR

Grade(s): 11-12

Prerequisite(s): Choir II, by audition only, Sight- reading Knowledge

Credit(s): 1.0

A' Capella IV Intermediate Mixed Choir

Local Course #: 511354 Non-Varsity / 511357 Varsity

TEA #: 03151200

Course Code: MUS4CHOR

Grade(s): 12

Prerequisite(s): Choir III, by audition only, Sight- reading Knowledge

Credit(s): 1.0

Show Choir

Show choir courses are for students who are concurrently enrolled in another course within the choir program. Students in this course will perform multiple live performance shows and learn vocal precision in coordination with elements of stage choreography, dance elements and some musical theatre foundations. Students must audition for acceptance into this class. Students must maintain academic eligibility.

Show Choir I (Music I Vocal Ensemble)

Local Course #: 511360 (for PE credit)/511361 (for Fine Art credit)

TEA #: PES00000 / 03152500

Course Code: SUBATH1 / MUS1APL

Grade(s): 9-12

Prerequisite(s): by audition only, concurrently enrolled in an additional intermediate or advanced choir.

Credit(s): 1.0 – Can count for PE credit

Show Choir II (Music II Vocal Ensemble)

Local Course #: 511362

TEA #: 03152600

Course Code: MUS2APL

Grade(s): 9-12

Prerequisite(s): by audition only, concurrently enrolled in an additional intermediate or advanced choir.

Credit(s): 1.0

Show Choir III (Music III Vocal Ensemble)

Local Course #: 511363

TEA #: 03152601

Course Code: MUSAPL3

Grade(s): 9-12

Prerequisite(s): by audition only, concurrently enrolled in an additional intermediate or advanced choir.

Credit(s): 1.0

Show Choir IV (Music IV Vocal Ensemble)

Local Course #: 511364

TEA #: 03152602

Course Code: MUSAPL4

Grade(s): 9-12

Prerequisite(s): by audition only, concurrently enrolled in an additional intermediate or advanced choir.

Credit(s): 1.0

THEATRE ARTS

APPRECIATION

Courses allow students to explore acting, voice, movement, rehearsal & performance, theatre history, technical theatre and analysis of drama & characters.

NOTE: Students are expected to participate in performance-based projects as assigned.

Introduction to Theater (Dual Credit)

Students explore theater history, dramatic works, stage techniques and production procedures. Participation in major productions may be required.

Local Course #: 511601

TEA #: 03250400

Course Code: TH4

College Course: DRAM1310

Grade(s): 9-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Theater and Media Communications

Students analyze approaches to understanding & interpreting media forms/practices, specifically digital & motion picture media (films & television) to understand media representation, production, consumption and regulation.

Local Course #: 511661

TEA #: 03251300

Course Code: TH1MCOM

Grade(s): 9-12

Prerequisite: None

Credit(s): 1.0

Theatre Arts I

Local Course #: 511601

TEA #: 03250100

Course Code: TH1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Theatre Arts II

Local Course #: 511602

TEA #: 03250200

Course Code: TH2

Grade(s): 9-12

Prerequisite(s): Theatre I

Credit(s): 1.0

Theatre Arts III

Local Course #: 511603

TEA #: 03250300

Course Code: TH3

Grade(s): 9-12

Prerequisite(s): Theatre II

Credit(s): 1.0

Theatre Arts IV

Local Course #: 511604

TEA #: 03250400

Course Code: TH4

Grade(s): 9-12

Prerequisite(s): Theatre III

Credit(s): 1.0

ACTING

Acting Methods

Students explore directing, musical theatre, One-Act & Shakespearian plays, classical selections and Children's Theatre. Students audition for main stage school plays & participate in production work after school.

Local Course #: 511660

TEA #: N1170123

Course Code: ACTMET1

Grades(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

TECHNICAL THEATER

Courses deepen theatre production skills, emphasizing aesthetic growth and appreciation of theatrical events while students sharpen set design, lighting, costumes, make-up & sound skills and may serve as production crew heads.

Technical Theatre I

Students explore and apply technical theatre skills as they exercise & develop creativity, intellectual curiosity, critical thinking, problem solving and collaboration. Participation & evaluation of theatrical experiences allow students to develop an understanding of self and their role in the world.

Local Course #: 511605

TEA #: 03250500

Course Code: TH1TECH

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Technical Theatre II

Students further explore technical theatre concepts and skills, including creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills.

Local Course #: 511606

TEA #: 03250600

Course Code: TH2TECH

Grade(s): 10-12

Prerequisite(s): Technical Theatre I

Credit(s): 1.0

Technical Theatre III

Students explore and apply a myriad of technical theatre concepts and skills. Students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

Local Course #: 511607

TEA #: 03251100

Course Code: TH3TECH

Grade(s): 10-12

Prerequisite(s): Technical Theatre II

Credit(s): 1.0

Technical Theatre IV

Students explore and apply a myriad of technical theatre concepts and skills. Students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

Local Course #: 511608

TEA #: 03251200

Course Code: TH4TECH

Grade(s): 10-12

Prerequisite(s): Technical Theatre III

Credit(s): 1.0

THEATER DESIGN

Technical Theatre II: Design for Theatre

Students examine the application of technologies used in live productions. The course emphasizes sound, lighting, stagecraft, advanced rigging and stage management. To apply the concepts taught, after school involvement in productions and other afterschool events is required.

NOTE: Students are required to work after school.

Local Course #: 511611

TEA #: 03253500

Course Code: TTH2DES

Grades(s): 10-12

Prerequisite(s): Technical Theatre I and Instructor approval.

Credit(s): 1.0

Technical Theatre III: Advanced Design for Theatre

Students make informed choices in the process of creating live productions. The course emphasizes the study of sound, lighting, stagecraft, rigging, design, and production management. As students move through this sequence, success is measured by observing students' abilities to synthesize and adapt knowledge to solve ever-larger production problems, typically through increased responsibility for production leadership.

NOTE: To apply the concepts taught, extensive after-school involvement in productions and other afterschool events is required.

Local Course #: 511612

TEA #: 03253600

Course Code: TTH3ADES

Grades(s): 11-12

Prerequisite(s): Technical Theatre I Design for Theatre and Instructor approval

Credit(s): 1.0

Technical Theatre IV: Advanced Design for Theatre

Students make informed choices in the process of creating live productions. The course emphasizes the study of sound, lighting, stagecraft, rigging, design, and production management. After school involvement in productions and other after school events is required.

NOTE: Students are required to work after school.

Local Course #: 511613

TEA #: 03253700

Course Code: TTH4ADES

Grades(s): 12

Prerequisite(s): Technical Theatre III: Design for Theatre and Instructor approval.

Credit(s): 1.0

COSTUME

Technical Theatre II: Costume Construction

Students combine theories of design techniques with construction of costumes and accessories for both class projects and actual productions.

Local Course #: 511621

TEA #: 03252900

Course Code: TTH2COS

Grades(s): 10-12

Prerequisite(s): Technical Theatre 1 and Instructor Approval.

Credit(s): 1.0

Technical Theatre III: Advanced Costume Construction

Students combine theories of design techniques with construction of costumes and accessories for both class projects and actual productions. Students may serve as crew heads for various theatre productions throughout the year.

NOTE: Participation in UIL Technical Design Contest is expected.

Local Course #: 511622

TEA #: 03253000

Course Code: TTH3ACOS

Grades(s): 11-12

Prerequisite(s): Technical Theatre II Costume Construction and Instructor approval.

Credit(s): 1.0

Technical Theatre IV: Advanced Costume Construction

Students expand the theories of design techniques and construction of costumes and accessories for theatrical productions for both class projects and actual productions. Students may serve as crew heads for various theatre productions throughout the year.

NOTE: Participation in UIL Technical Design Contest is expected.

Local Course #: 511623

TEA #: 03253100

Course Code: TTH4ACOS

Grades(s): 11-12

Prerequisite(s): Technical Theatre III Costume Construction and Instructor Approval.

Credit(s): 1.0

THEATER STAGECRAFT

Technical Theatre II: Stagecraft

Students combine theories of design and stagecraft techniques with construction and operation of technical elements: scenery, sound, lighting, and other vital theatrical properties.

NOTE: To apply the concepts taught, after school involvement in productions and other afterschool events is required.

Local Course #: 511641

TEA #: 03252600

Course Code: TTH2SC

Grades(s): 10-12

Prerequisite(s): Technical Theatre 1 and/or Instructor approval.

Credit(s): 1.0

Technical Theatre III: Advanced Stagecraft

Students expand theories of design and stagecraft techniques with construction and operation of various technical elements: scenery, sound, lighting, and properties. Students may serve as crew heads for various theatre productions throughout the year.

NOTE: Participation in the UIL Technical Design Contest is expected.

Local Course #: 511642

TEA #: 03252700

Course Code: TTH3ASC

Grades(s): 11-12

Prerequisite(s): Technical Theatre II Stagecraft and Instructor Approval

Credit(s): 1.0

Technical Theatre IV: Advanced Stagecraft

Students expand theories of design and stagecraft techniques with construction and operation of various technical elements by emphasizing scenery, sound, lighting and stagecraft properties. Students may serve as crew heads for various theatre productions throughout the year.

NOTE: Participation in UIL Technical Design Contest is expected.

Local Course #: 511643

TEA #: 03252800

Course Code: TTH4ASC

Grades(s): 11-12

Prerequisite(s): Technical Theatre III Stagecraft and Instructor Approval

Credit(s): 1.0

THEATER MANAGEMENT

Technical Theatre II: Theatre Management

Students study performing arts management, including financial management, marketing and advancement/community engagement for non-profit arts organizations by completing coursework in design or technical areas, business ethics and dramatic criticism.

NOTE: Students participate in the production season in a variety of areas, including house management and two professional internships.

Local Course #: 511631

TEA #: 03253800

Course Code: TTH2MGT

Grades(s): 10-12

Prerequisite(s): Technical Theatre 1 or Theatre 1 and Instructor approval.

Credit(s): 1.0

Technical Theatre III: Advanced Theatre Management

Students gain in-depth knowledge of all aspects of producing and presenting theatre, emphasizing management principles, personnel management, marketing & fund raising, event planning, finances and the use of technology in arts & cultural management.

Local Course #: 511632

TEA #: 03253900

Course Code: TTH3AMGT

Grades(s): 11-12

Prerequisite(s): Technical Theatre II: Theatre Management and Instructor approval.

Credit(s): 1.0

Technical Theatre IV: Advanced Theatre Management

Students develop marketing, public relations, subscription sales campaigns, budgets, fund raising, grant writing, proposal development, contracts, project management, research, corporate structure, and resource management. The course emphasizes a broad perspective on the arts in America, operating an arts organization in today's business environment, and an introduction to international issues of arts and culture management.

Local Course #: 511633

TEA #: 03254000

Course Code: TTH4AMGT

Grades(s): 12

Prerequisite(s): Technical Theatre III: Advanced Theatre Management and Instructor approval.

Credit(s): 1.0

THEATRE PRODUCTION

Theatre production courses are advanced level theatre arts courses and focus instruction on concepts and skills in acting, vocal production, directing, program production and stage management. Understanding of technical theatre and design elements are included in these courses. The production and study of full-length plays, acting and directing theory and participation in campus shows / UIL One-Act Play are the objectives of theatre production. Students will audition, rehearse, and perform in a production selected by campus theatre director(s) throughout the academic year.

Theatre Production I

Local Course #: 511651

TEA #: 03250700

Course Code: TH1PROD

Grade(s): 9-12

Prerequisite(s): Recommended: Theatre Arts I open by audition only

Credit(s): 1.0

Theatre Production II

Local Course #: 511652

TEA #: 03250800

Course Code: TH2PROD

Grade(s): 10-12

Prerequisite(s): Theatre Production I open by audition only

Credit(s): 1.0

Theatre Production III

Local Course #: 511653

TEA #: 03250900

Course Code: TH3PROD

Grade(s): 11-12

Prerequisite(s): Theatre Production II, Theatre Arts II, Tech Theatre II and open by audition only

Credit(s): 1.0

Theatre Production IV

Local Course #: 511654

TEA #: 03251000

Course Code: TH4PROD

Grade(s): 12

Prerequisite(s): Theatre Production III open by audition only

Credit(s): 1.0

WORLD LANGUAGES

SPANISH

Spanish I

Students develop audio-lingual skills with mastery of basic structures, expressions and common vocabulary without translation. Students experience various aspects of another culture and understand that behavior is conditioned by culture. A study of the interrelationship of language is presented along with information concerning the role of non- linguistic elements in communication.

Local Course #: 611001

TEA #: 03440100

Course Code: SPAN1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Español para el Hispano Hablante 1

Native Spanish speaking students distinguish between formal and informal language registers and appropriate domains. Students develop skills of reading and writing with accuracy and fluency as bilingual literacy is developed.

Local Course #: 661001

TEA #: 03440110

Course Code: SSSPAN1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Spanish II

Students further develop basic structures used for speaking, listening, reading, and writing in Spanish. Students will recognize familiar material in an unfamiliar context, use alternate means of communicating an idea, produce guided compositions, and use word recognition skills. Cultural connotations of common words and phrases are introduced along with some unique features of the language.

Local Course #: 611002

TEA #: 03440200

Course Code: SPAN2

Grade(s): 9-12

Prerequisite(s): Spanish I or equivalent proficiency

Credit(s): 1.0

Pre-AP Spanish II

Students further develop basic structures used for speaking, listening, reading, and writing in Spanish, while providing greater depth. Students recognize familiar material in an unfamiliar context, use alternate means of communicating an idea, produce guided compositions, and use word recognition skills. Cultural connotations of common words and phrases are introduced along with some unique features of the language. The course emphasizes the use of grammatical constructions and vocabulary and continues the development of expository composition. The course is designed to prepare students to take the Advanced Placement exam.

Local Course #: 621002

TEA #: 03440200

Course Code: SPAN2

Grade(s): 9-12

Prerequisite(s): Spanish I or equivalent proficiency

Credit(s): 1.0

Español para el Hispano Hablante 2

Native Spanish speaking students continue to distinguish between formal and informal language registers and appropriate domains. Students develop bilingual literacy through practice in increasingly complex reading selections and multiple opportunities to produce formal written compositions in Spanish for a variety of purposes.

Local Course #: 661002

TEA #: 03440220

Course Code: SSSPAN2

Grade(s): 9-12

Prerequisite(s): Español para el Hispano Hablante 1 or equivalent proficiency

Credit(s): 1.0

Pre-AP Spanish III

Students engage in learning all the essential knowledge and skills of Spanish III while providing greater depth. Students continue the development of intermediate proficiency in oral skills and accurate comprehension of contemporary and cultural reading passages. The course emphasizes the use of grammatical constructions and vocabulary and continues the development of expository composition. The course is designed to prepare students to take the Advanced Placement exam.

Local Course #: 621003

TEA #: 03440300

Course Code: SPAN3

Grade(s): 9-12

Prerequisite(s): Spanish II or equivalent proficiency

Credit(s): 1.0

Advanced Placement Spanish Language and Culture

Students engage in college level instruction that develops fluency in oral skills, comprehension of Spanish literature and history, expository composition, and expanded use of grammar. The course emphasizes higher level/critical thinking skills and focuses on the development of accuracy and fluency. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Local Course #: 631001

TEA #: A3440100

Course Code: APSPANALAN

Grade(s): 9-12

Prerequisite(s): Spanish III or equivalent proficiency

Credit(s): 1.0

Advanced Placement Spanish Literature and Composition

Students engage in college level instruction that develops comprehension of Spanish literature and history, expository composition, and expanded use of grammar and oral communication skills. The course emphasizes higher level/critical thinking skills and focuses on the development of accuracy and fluency. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Local Course #: 631002

TEA #: A3440200

Course Code: APSPALIT

Grade(s): 9-12

Prerequisite(s): AP Spanish Language

Credit(s): 1.0

FRENCH

French I

Students develop audio-lingual skills with mastery of basic structures, expressions, and common vocabulary without translation. The skills of reading and writing are introduced based on the orally presented material. Students experience various aspects of another culture and understand that behavior is conditioned by culture. A study of the interrelationship of language is presented along with information concerning the role of non-linguistic elements in communication

Local Course #: 611101

TEA #: 03410100

Course Code: FREN1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

French II

Students further develop basic structures used for speaking, listening, reading, and writing in French. Students begin to recognize familiar material in an unfamiliar context, use alternate means of communicating an idea, produce guided compositions, and use word recognition skills. Cultural connotations of common words and phrases are introduced along with some unique features of the language.

Local Course #: 611202

TEA #: 03410200

Course Code: FREN2

Grade(s): 10-12

Prerequisite(s): French I

Credit(s): 1.0

Pre-AP French III

Students engage in learning all the essential knowledge and skills of French III while providing greater depth. Students continue the development of intermediate proficiency in oral skills and accurate comprehension of contemporary and cultural reading passages. The course emphasizes the use of grammatical constructions and vocabulary and continues the development of expository composition. The course is designed to prepare students to take the Advanced Placement exam.

Local Course #: 621103

TEA #: 03410300

Course Code: FREN3

Grade(s): 11-12

Prerequisite(s): French II or equivalent proficiency

Credit(s): 1.0

Advanced Placement French Language (French IV)

Students engage in college level instruction that develops fluent oral skills, comprehension of French literature/history, expository composition, and expanded use of grammar. The course emphasizes higher level/critical thinking skills and the development of accuracy and fluency. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Local Course #: 631101

TEA #: A3410100

Course Code: APFRLAN

Grade(s): 12

Prerequisite(s): French III or equivalent proficiency

Credit(s): 1.0

Beginning French I (Dual Credit)

Fundamental skills in listening comprehension, speaking, reading, and writing, including basic vocabulary, grammatical structures, and culture.

Local Course #: 641101

TEA #: 03410100

Course Code: FRENCH1

College Course: FREN1411

Grade(s): 10-12

Prerequisite(s): Passing TSI English score and 2 HS LOTE credits

College Course Hours: 4.0

Credit(s): 1.0

Beginning French II (Dual Credit)

Fundamental skills in listening comprehension, speaking, reading, and writing, including basic vocabulary, grammatical structures, and culture.

Local Course #: 641102

TEA #: 03410200

Course Code: FRENCH2

College Course: FREN1412

Grade(s): 10-12

Prerequisite(s): FREN1401

College Course Hours: 4.0

Credit(s): 1.0

Intermediate French I (Dual Credit)

Review and application of skills in listening comprehension, speaking, reading, and writing, emphasizing conversation, vocabulary acquisition, reading, composition, and culture.

Local Course #: 641103

TEA #: 03410300

Course Code: FRENCH3

College Course: FREN2311

Grade(s): 11-12

Prerequisite(s): FREN1402

College Course Hours: 3.0

Credit(s): 1.0

Intermediate French II (Dual Credit)

Review and application of skills in listening comprehension, speaking, reading, and writing, emphasizing conversation, vocabulary acquisition, reading, composition, and culture.

Local Course #: 641104

TEA #: 03410400

Course Code: FRENCH4

College Course: FREN2312

Grade(s): 11-12

Prerequisite(s): FREN2301

College Course Hours: 3.0

Credit(s): 1.0

GERMAN

German I

Students develop audio-lingual skills with mastery of basic structures, expressions, and common vocabulary without translation. The skills of reading and writing are introduced based on the orally presented material. Students experience various aspects of another culture and understand that behavior is conditioned by culture. A study of the interrelationship of language is presented along with information concerning the role of non-linguistic elements in communication

Local Course #: 611201

TEA #: 03420100

Course Code: GERMAN1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

German II

Students further develop basic structures used for speaking, listening, reading, and writing in German. Students begin to recognize familiar material in an unfamiliar context, use alternate means of communicating an idea, produce guided compositions, and use word recognition skills. Cultural connotations of common words and phrases are introduced along with some unique features of the language.

Local Course #: 611202

TEA #: 03420200

Course Code: GERMAN2

Grade(s): 10-12

Prerequisite(s): German I or equivalent proficiency

Credit(s): 1.0

Pre-AP German III

Students engage in learning all the essential knowledge and skills of German III while providing greater depth. Students continue the development of intermediate proficiency in oral skills and accurate comprehension of contemporary and cultural reading passages. The course emphasizes the use of grammatical constructions and vocabulary and continues the development of expository composition. The course is designed to prepare students to take the Advanced Placement exam.

Local Course #: 621203

TEA #: 03420300

Course Code: GERMAN3

Grade(s): 11-12

Prerequisite(s): German II or equivalent proficiency

Credit(s): 1.0

Pre-AP German IV

Students engage in learning all the essential knowledge and skills of German IV while providing greater depth. Students continue the development of intermediate proficiency in oral skills and accurate comprehension of contemporary and cultural reading passages. The course emphasizes the use of advanced grammatical constructions and vocabulary and continues the development of expository composition.

Local Course #: 621204

TEA #: 03420400

Course Code: GERMAN4

Grade(s): 12

Prerequisite(s): German III or equivalent proficiency

Credit(s): 1.0

Advanced Placement German Language

Students engage in college level instruction that develops fluent oral skills, comprehension of German literature/history, expository composition, and expanded use of grammar. The course emphasizes higher level/critical thinking skills and the development of accuracy and fluency. Emphasis is given to preparation for the Advanced Placement exam on which students may earn college credit or advanced placement.

Local Course #: 631201

TEA #: A3420100

Course Code: APGRLAN

Grade(s): 12

Prerequisite(s): German III or equivalent proficiency

Credit(s): 1.0

Beginning German I (Dual Credit)

Fundamental skills in listening comprehension, speaking, reading, and writing, including basic vocabulary, grammatical structures, and culture.

Local Course #: 641101

TEA #: 03410100

Course Code: GERMAN1

College Course: GERM1411

Grade(s): 10-12

Prerequisite(s): Passing TSI English score and 2 HS LOTE credits

College Course Hours: 4.0

Credit(s): 1.0

Beginning German II (Dual Credit)

Fundamental skills in listening comprehension, speaking, reading, and writing, including basic vocabulary, grammatical structures, and culture.

Local Course #: 641102

TEA #: 03410200

Course Code: GERMAN2

College Course: GERM1412

Grade(s): 10-12

Prerequisite(s): FREN1401

College Course Hours: 4.0

Credit(s): 1.0

Intermediate German I (Dual Credit)

Review and application of skills in listening comprehension, speaking, reading, and writing, emphasizing conversation, vocabulary acquisition, reading, composition, and culture.

Local Course #: 641103

TEA #: 03410300

Course Code: GERMAN3

College Course: GERM2311

Grade(s): 11-12

Prerequisite(s): FREN1402

College Course Hours: 3.0

Credit(s): 1.0

Intermediate German II (Dual Credit)

Review and application of skills in listening comprehension, speaking, reading, and writing, emphasizing conversation, vocabulary acquisition, reading, composition, and culture.

Local Course #: 641104

TEA #: 03410400

Course Code: GERMAN4

College Course: GERM2312

Grade(s): 11-12

Prerequisite(s): FREN2301

College Course Hours: 3.0

Credit(s): 1.0

AMERICAN SIGN LANGUAGE

ASL I

Students perform the tasks of the novice language learner when dealing with familiar topics, such as understanding ASL phrases receptively and responding expressively; signing learned words, concepts, phrases, and sentences; recognizing the importance of communication and its application to the American Deaf culture; and recognizing the importance of accuracy of expression. Students use expressive and receptive skills to comprehend.

Local Course #: 611301

TEA #: 03980100

Course Code: ASL1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

ASL II

Students further develop basic structures used for speaking, listening, and performing the tasks of the novice-to-intermediate language learner.

Local Course #: 611302

TEA #: 03980200

Course Code: ASL2

Grade(s): 10-12

Prerequisite(s): ASL I

Credit(s): 1.0

Beginning ASL I (Dual Credit)

Introduction to American Sign Language (ASL) covering fingerspelling, vocabulary, and basic sentence structure in preparing individuals to interpret oral speech for the hearing impaired.

Local Course #: 641301

TEA #: 03980100

Course Code: ASL1

College Course: SGNL1401

Grade(s): 10-12

Prerequisite(s): Passing TSI English score and 2 HS LOTE credits

College Course Hours: 4.0

Credit(s): 1.0

Beginning ASL II (Dual Credit)

Introduction to American Sign Language (ASL) covering fingerspelling, vocabulary, and basic sentence structure in preparing individuals to interpret oral speech for the hearing impaired. This course is the Capstone course for the Studies in Deafness Certificate.

Local Course #: 641302

TEA #: 03980200

Course Code: ASL2

College Course: SGNL1402

Grade(s): 10-12

Prerequisite(s): SGNL1401

College Course Hours: 4.0

Credit(s): 1.0

Intermediate ASL I (Dual Credit)

Review and application of conversational skills in American Sign Language and interpreting from signing to voice as well as from voice to signing. Introduction to American Sign Language literature and folklore.

Local Course #: 641303

TEA #: 03980300

Course Code: ASL3

College Course: SGNL2301

Grade(s): 11-12

Prerequisite(s): SGNL1402

College Course Hours: 3.0

Credit(s): 1.0

Intermediate ASL II (Dual Credit)

Review and application of conversational skills in American Sign Language and interpreting from signing to voice as well as from voice to signing. Introduction to American Sign Language literature and folklore.

Local Course #: 641304

TEA #: 03980400

Course Code: ASL4

College Course: SGNL2302

Grade(s): 11-12

Prerequisite(s): SGNL2301

College Course Hours: 3.0

Credit(s): 1.0

COLLEGE READINESS

AVID 1

Students address key college preparation elements: academic survival skills, college entry skills, tutorials, motivational activities and career/college exploration.

Local Course #: 811011

TEA #: N1290001

Course Code: AVID1

Grade(s): 9

Prerequisite(s): Recommended to begin in 9th grade

Credit(s): 1.0

AVID 2

Students continue exploration of key college preparation elements: academic survival skills, college entry skills, tutorials, motivational activities, and career/college exploration.

Local Course #: 811012

TEA #: N1290002

Course Code: AVID2

Grade(s): 10

Prerequisite(s): AVID 1

Credit(s): 1.0

AVID 3

Students explore key college preparation elements while working on college and scholarship selection, application, financial aid filing and college essays.

Local Course #: 811013

TEA #: N1290030

Course Code: AVID3

Grade(s): 11

Prerequisite(s): AVID 2

Credit(s): 1.0

AVID 4

Students utilize key college preparation elements to apply for college, scholarships, financial aid and housing, as well as develop a resume.

Local Course #: 811014

TEA #: N1290033

Course Code: AVID4

Grade(s): 12

Prerequisite(s): AVID 3

Credit(s): 1.0

Learning Frameworks (Dual Credit)

Students study the psychology of learning, cognition, and motivation; factors that impact learning, and application of learning strategies, serving as the conceptual basis for the introduction of college-level student academic strategies. Students use instruments (such as learning inventories) to identify their own strengths and weaknesses as strategic learners.

Local Course #: 141000

TEA #: 03270100

Course Code: CRSS DC

College Course: EDUC1300 or PSYC1300

Grade(s): 9-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

PHYSICAL EDUCATION

These courses motivate students to strive for lifetime fitness with an emphasis on the health-related components of physical fitness.

Foundations of Personal Fitness

Local Course #: 711051

TEA #: PES00052

Course Code: PERFOUND

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Aerobic Activities

Local Course #: 711052

TEA #: PES00054

Course Code: PEAA

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Adventures/Outdoor Education

Local Course #: 711053

TEA #: PES00053

Course Code: PEOA

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Individual Sports

Local Course #: 711054

TEA #: PES00055

Course Code: PEITS

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Off-Campus PE

Students participate in Olympic-level and/or competition sport that includes a minimum of 15 hours per week of highly intensive, professional, supervised training. The training facility, instructors, and the activities involved in the program must be certified by the superintendent to be of exceptional quality. Students qualifying under these criteria must submit a form to their school counselor for the superintendent's approval.

Local Course #: 711041, 711042, 711043, 711044

TEA #: PES00008, PES00009, PES00010, PES00011

Course Code: SUBPRO1, SUBPRO2, SUBPRO3, SUBPRO4

Grade(s): 9-12

Prerequisite(s): State criteria must be met.

Credit(s): 1.0

PE SUBSTITUTIONS

Students entering high school without prior completion of their high school PE credit must complete 1 credit of physical education for graduation.

Physical Education substitutions, such as Athletics, Dance, Drill Team, Show Choir, Marching Band, Cheerleading, a private or commercially-sponsored physical activity program that is held off campus, or JROTC are acceptable Physical Education substitutions, if taught by a physical educator or dance instructor during school hours.

ATHLETICS

Students develop appreciation for health-related fitness, teamwork and fair play for a lifestyle beyond high school. Competency in 2 or more sports is required.

Course	PEIMS Number	TEA Course	WISD #	Credit(s)
BASEBALL				
Baseball I	PES00000	SUBATH1	711101	1
Baseball II	PES00001	SUBATH2	711102	1
Baseball III	PES00002	SUBATH3	711103	1
Baseball IV	PES00003	SUBATH4	711104	1
BASKETBALL				
Basketball I	PES00000	SUBATH1	711281/711291	1
Basketball II	PES00001	SUBATH2	711282/711292	1
Basketball III	PES00002	SUBATH3	711283/711293	1
Basketball IV	PES00003	SUBATH4	711284/711294	1
FOOTBALL				
Football I	PES00000	SUBATH1	711301	1
Football II	PES00001	SUBATH2	711302	1
Football III	PES00002	SUBATH3	711303	1
Football IV	PES00003	SUBATH4	711304	1
GOLF				
Golf I	PES00000	SUBATH1	711401	1
Golf II	PES00001	SUBATH2	711402	1
Golf III	PES00002	SUBATH3	711403	1
Golf IV	PES00003	SUBATH4	711404	1
SOCCER				
Soccer I	PES00000	SUBATH1	711581/711591	1
Soccer II	PES00001	SUBATH2	711582/711592	1
Soccer III	PES00002	SUBATH3	711583/711593	1
Soccer IV	PES00003	SUBATH4	711584/711594	1
SOFTBALL				
Softball I	PES00000	SUBATH1	711601	1
Softball II	PES00001	SUBATH2	711602	1
Softball III	PES00002	SUBATH3	711603	1
Softball IV	PES00003	SUBATH4	711604	1
TENNIS				
Tennis I	PES00000	SUBATH1	711781/711791	1
Tennis II	PES00001	SUBATH2	711782/711792	1
Tennis III	PES00002	SUBATH3	711783/711793	1
Tennis IV	PES00003	SUBATH4	711784/711794	1
TRACK				
Track I	PES00000	SUBATH1	711881/711891	1
Track II	PES00001	SUBATH2	711882/711892	1
Track III	PES00002	SUBATH3	711883/711893	1
Track IV	PES00003	SUBATH4	711884/711894	1
VOLLEYBALL				
Volleyball I	PES00000	SUBATH1	711901	1
Volleyball II	PES00001	SUBATH2	711902	1
Volleyball III	PES00002	SUBATH3	711903	1
Volleyball IV	PES00003	SUBATH4	711904	1
CHEERLEADING				
Cheerleading (PE Sub)	PES00013	SUBCHLDG	711011	1
Cheerleading	PES00001	SUBATH2	711012	1
Cheerleading	PES00002	SUBATH3	711013	1
Cheerleading	PES00003	SUBATH4	711014	1
DRILL TEAM				
Drill Team (PE Sub)	PES00014	SUBDT	711021	1
<i>Enroll in zero hour and fine arts</i>				
DANCE				
Dance I	03830100	DANCE1	711031	1
Dance II	03830200	DANCE2	711032	1
Dance III	03830300	DANCE3	711033	1
Dance IV	03830400	DANCE4	711034	1

SECTION IV: HIGH SCHOOL CAREER & TECHNICAL EDUCATION (CTE) COURSE DESCRIPTIONS



Career and Technical Education (CTE) Cluster Areas

- Architecture
- Arts, AV Technology and Communications
- Business Management and Finance
- Education and Training
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections and Security
- Manufacturing
- Science, Technology, Engineering and Mathematics
- Transportation, Distribution and Logistics

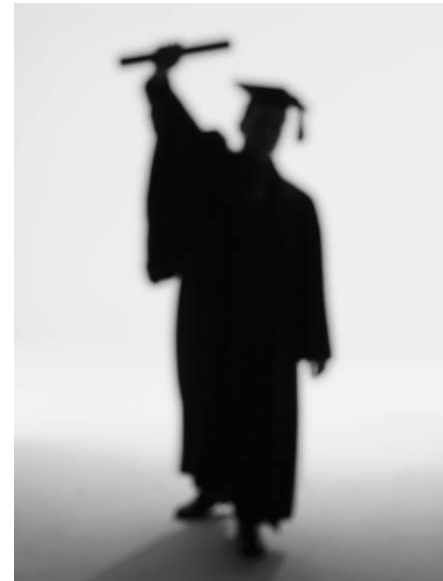
Students take the courses included in a program of study in a coherent sequence to maximize the effectiveness of the learning. Course sequences have been developed by each campus.

The Achieve Texas College and Career Initiative centers on establishing career clusters in schools as a strategy for improving high school completion rates and college and workforce readiness. It is based on the belief that the curricula of the 21st century should combine rigorous academics with relevant career education that incorporates the College Readiness Standards, personalized learning environments, academic and social support, relevant teaching and learning designed to promote postsecondary success, and effective educators and leaders.

Career clusters are a way of reorganizing learning around programs of study that will prepare students for an ever more competitive global economy. Texas has adopted the U.S. Department of Education's Career Clusters System. The sixteen broad career clusters and multiple programs of study support the Governor's Industry Cluster Initiative, which identifies high- growth/high-paying jobs for the 21st-century Texas economy. Achieve Texas offers guidance to help students plan their educational experience based on their career goals and allows students to develop the knowledge and skills necessary for a successful transition into skilled employment, advanced training, an associate's degree, a bachelor's degree, or technical certification. Career programs of study represent a recommended sequence of courses based on a student's personal interests and career goals. The idea is to connect what students learn in school every day to what they aspire to do tomorrow, thus increasing engagement with school and motivation to achieve.

Most programs of study contain courses that allow for the awarding of college credit through completion of courses articulated with McLennan Community College & Texas State Technical College or other post-secondary institutions.

The 60x30TX Initiative is the state's goal of 60% of the population of Texas holding an industry certificate or college degree to increase prosperity across the state. Waco ISD responded by providing students not only the opportunity to participate in dual credit courses (which are marked within each program) but also the change to earn various industry certifications from Adobe to Quickbooks and FANUK Robot Operator to NCCER Carpentry. These courses are marked with a gold ribbon stating "Industry Certification Available."



BASIC



INTERMEDIATE



In all programs of study, professional certifications and college credit are available.

CAREER PREPARATION

Career Preparation I

Students participate in this work-based instructional arrangement to develop essential knowledge and skills through classroom technical instruction and on-the-job training in an approved career and technology specific training area that has already been approved and assigned a course number. Students will receive general employability skills as a group. However, each student will have an individual training plan that will address job-specific knowledge and skills. Approved training sponsors will employ each student. The training sponsor will assist the teacher in providing the necessary skills and knowledge for the student's specific work training. Students will be given job-specific training assignments in the classroom or participate in job shadowing or internship.

Local Course #: 913001

TEA #: 12701305

Course Code: CAREERP1

Grade(s): 11-12

Prerequisite(s): Students must have a job as a part of this class

Credit(s): 3.0



Career Preparation II

Students participate in the second year of Career Preparation to develop essential knowledge and skills through classroom technical instruction and on-the-job training in an approved business and industry training area. Students will develop skills for lifelong learning, employability, leadership, management, work ethics, safety, and communication as a group; however, each student will have an individual training plan that will address job-specific knowledge and skills. Approved training sponsors will provide paid occupational training for a student. The training sponsor will assist the teacher in providing the necessary knowledge and skills for the student's specific career preparation.

Local Course #: 913002

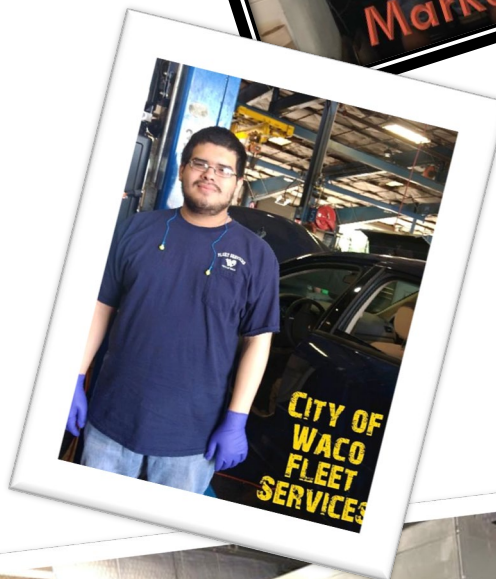
TEA #: 12701405

Course Code: CAREERP2

Grade(s): 11-12

Prerequisite(s): Students must have a job as a part of this class

Credit(s): 3.0



CAREER & TECHNOLOGY ELECTIVES

ARTS, A/V TECH & COMM-RELATED

Animation I

Students develop an understanding of the history and techniques of the animation industry in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Careers in animation span all aspects of motion graphics.

Local Course #: 911011

TEA #: 13008300

Course Code: ANIMAT1

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Arts, Audio/Video Technology & Communications or Art I.

Credit(s): 1.0

Commercial Photography I

Students explore the commercial photography industry, focusing on creating quality photographs.

Local Course #: 911021

TEA #: 13009100

Course Code: CPHOTO1

Grade(s): 10-12

Prerequisite(s): Principles of Arts, Audio/Video Technology, and Communications

Credit(s): 1.0

Digital Imaging I (Dual Credit)

Students explore raster image editing and/or image creation software: scanning, resolution, file formats, output devices, color systems, and image-acquisitions.

Local Course #: 941030

TEA #: 13009600

Course Code: PRIMTEC1

College Course: ARTC1302

Grade(s): 10-12

Prerequisite(s): Passing TSI Reading score

College Course Hours: 3.0

Credit(s): 1.0

BUSINESS MANAGEMENT-RELATED

Business English

Students recognize, evaluate and prepare for rapidly evolving global business that requires flexibility & adaptability by applying business applications of emerging technologies to plan, draft and complete written compositions regularly, editing papers for clarity, using engaging language and the correct conventions/mechanics of written English to produce final, error-free drafts.

Counts as a 4th English credit

Local Course #: 911203

TEA #: 13011600

Course Code: BUSENGL

Grade(s): 12

Prerequisite(s): English III, if used as 4th English

Credit(s): 1.0

Professional Communications

Students identify, analyze, develop & evaluate communication skills needed for success in interpersonal & group interactions and professional presentations.

Local Course #: 915216 (semester-long)

TEA #: 13009900

Course Code: PROFCOMM

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 0.5

Business Principles (Dual Credit)

Students survey economic systems, forms of business ownership and considerations for running a business, including various aspects of business, leadership and management as well as accounting, money & banking, securities markets, business challenges in the legal and regulatory environment, business ethics, social responsibility and international business.

Local Course #: 941232

TEA #: 13011800

Course Code: GLOBBUS

College Course: BUSI1301

Grade(s): 10-12

Prerequisite(s): Passing TSI Reading score

College Course Hours: 3.0

Credit(s): 1.0

Principles of Management (Dual Credit)

Students examine concepts, terminology, principles, theories and issues in the field of management.

Local Course #: 941230

TEA #: 13012100

Course Code: BUSMGT

College Course: BMGT1327

Grade(s): 10-12

Prerequisite(s): Passing TSI Reading score

College Course Hours: 3.0

Credit(s): 1.0

BUSINESS/FINANCE-RELATED

Dollars and Sense

Students discover consumer practices & responsibilities, money management process, decision-making skills, impact of technology and career preparation.

Local Course #: 915213

TEA #: 13024300

Course Code: DOLLARSE

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 0.5

Money Matters

Students investigate money management from a personal financial perspective.

Local Course #: 911215

TEA #: 13016200

Course Code: MONEYM

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Accounting I

Students investigate the accounting field, including the impact of industry standards and the economic, financial, technological, international, social, legal and ethical factors involved as they record, classify, summarize, analyze and communicate accounting information.

Local Course #: 911211

TEA #: 13016600

Course Code: ACCOUNT1

Grade(s): 10-12

Prerequisite(s): Principles of Business, Marketing, & Finance

Credit(s): 1.0

Introduction to Accounting (Dual Credit)

Students analyze, classify and record business transactions in a manual & computerized environment, highlighting the complete accounting cycle & preparing financial statements, bank reconciliations and payroll.

Local Course #: 941203

TEA #: 13016600

Course Code: ACCOUNT1

College Course: ACNT1303

Grade(s): 10-12

Prerequisite(s): Passing TSI Reading score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and Accounting I**

Principles of Financial Accounting (Dual Credit)

Students examine the procedures and systems to accumulate, analyze, measure & record financial transactions; use recorded financial information to prepare a balance sheet, income statement, statement of cash flows & statement of shareholders' equity to communicate the business entity's results of operations and financial position to external users of financial information; and explore the nature of assets, liabilities and owners' equity while learning to use reported financial information for purposes of making decisions about the company with a focus on the International Financial Reporting Standards (IFRS).

Local Course #: 941201

TEA #: 13016800

Course Code: FINANAL

College Course: ACCT2301

Grade(s): 10-12

Prerequisite(s): Passing TSI Reading score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and Financial Analysis

Principles of Managerial Accounting (Dual Credit)

Students explore an entity's accounting system relevant to decisions made by internal managers, as distinguished from information relevant to external users, emphasizing identification & assignment of product costs, operational budgeting & planning, cost control, and management decision making; costing methodologies, cost behavior, operational & capital budgeting and performance evaluation.

Local Course #: 941202

TEA #: 13016700

Course Code: ACCOUNT2

College Course: ACCT2302

Grade(s): 10-12

Prerequisite(s): Passing TSI Reading score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and Accounting II

Personal Finance (Dual Credit)

Students explore personal & family accounts, budgets & budgetary control, bank accounts, charge accounts, borrowing, investing, insurance, standards of living, renting or home ownership, and wills & trust plans.

Local Course #: 941233

TEA #: 13016200

Course Code: MONEYM

College Course: BUSI1307

Grade(s): 10-12

Prerequisite(s): Passing TSI Reading score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and Money Matters

Business Information Management I

Students apply technical skills to applications of emerging technologies, creating word-processing documents, developing spreadsheets, formulating databases and making electronic presentations.

Local Course #: 911231

TEA #: 13011400

Course Code: BUSIM1

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Business Computer Applications (Dual Credit)

Students learn computer terminology, hardware, software, operating systems and information systems relating to the business environment through business applications of software, including word processing, spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet.

Local Course #: 941001

TEA #: 13011500

Course Code: BUSIM2

College Course: BCIS1305

Grade(s): 9-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Business Law

Students analyze aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency & employment, business organization, risk management and real property.

Local Course #: 911214

TEA #: 13011700

Course Code: BUSLAW

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

BUSINESS MARKETING-RELATED

Sports & Entertainment Marketing

Students learn themarketing concepts and theories that apply to sports/sporting events and entertainment by exploring basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals and implementation of sports and entertainment marketing plans.

Local Course #: 915224

TEA #: 13034600

Course Code: SPORTSEM

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Business, Marketing, and Finance

Credit(s): 0.5

Virtual Business

Students launch a virtual business by creating a web presence, conducting online/off-line marketing, examining contracts appropriate for an online business, demonstrating project-management & book-keeping skills, maintaining business records, and understanding business legal issues.

Local Course #: 915225

TEA #: 13012000

Course Code: VIRTBUS

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Business, Mktg, and Finance

Credit(s): 0.5

Social Media Marketing

Students investigate marketing success by managing a successful social media presence for an organization; techniques for gaining customer & consumer buy-in to achieve goals; selection of platforms to engage consumers; and ways to monitor/measure results of these efforts.

Local Course #: 915222

TEA #: 13034650

Course Code: SMEDMKTG

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Business, Marketing, and Finance

Credit(s): 0.5

Advertising

Students discover techniques used in current print, broadcast, and digital media advertising as well as the social, ethical & legal issues, historical influences, strategies and media decision processes.

Local Course #: 915221

TEA #: 13034200

Course Code: ADVERTIS

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Business, Marketing, and Finance

Credit(s): 0.5

Fundamentals of Real Estate

Students explore principles of real estate, law of agency, law of contracts, use of promulgated forms and real estate finance by analyzing elements of real estate transactions, including representation, financing, title, closing and deeds.

Local Course #: 912227

TEA #: N1301120

Course Code: FUNDRE

Grades(s): 11-12

Prerequisite(s): Accounting I

Credit(s): 2.0



Principles of Marketing (Dual Credit)

Students explore the marketing mix functions and process, including identification of consumer and organizational needs and explanation of environmental issues.

Local Course #: 941234

TEA #: 13034700

Course Code: ADVMKTG

College Course: MRKG1311

Grade(s): 10-12

Prerequisite(s): Passing TSI Reading score

College Course Hours: 3.0

Credit(s): 1.0

Small Business Management (Dual Credit)

Students develop a learning plan with an employer (either paid or unpaid) to discover the essential management skills, preparation of a business plan, accounting, financial needs, staffing, marketing strategies, and legal issues associated with starting, operating and growing a small business.

Local Course #: 941231

TEA #: 13034400

Course Code: ENTREP

College Course: BUSG2309

Grade(s): 10-12

Prerequisite(s): Passing TSI Reading score

College Course Hours: 3.0

Credit(s): 1.0

CRIMINAL JUSTICE-RELATED**Law Enforcement I**

Students overview the functions, organization, and history of local, state, and federal law enforcement, including Constitutional law, the U.S. legal system, criminal law, terminology, and crime classifications.

Local Course #: 911403

TEA #: 13029300

Course Code: LAWENF1

Grade(s): 10-12

Prerequisite(s): Principles of Law, Public Safety, Corrections & Security

Credit(s): 1.0

Forensic Psychology

Students learn structured psychological investigative techniques in question building, interviewing, criminal behavior characteristics, truth detection methodology, research methods, statistical analysis, and probability forecasting.

Local Course #: 911409

TEA #: N1303012

Course Code: FORENSPSY

Grade(s): 10-12

Prerequisite(s): Law Enforcement I

Credit(s): 1.0

Correctional Services

Students prepare for certification as correctional officers by learning the roles and responsibilities of correctional officers, relevant rules, regulations, laws, defensive tactics, restraint techniques, and first aid for correctional settings.

Local Course #: 911405

TEA #: 13029700

Course Code: CORRSRVS

Grade(s): 11-12

Prerequisite(s): Law Enforcement I

Credit(s): 1.0

Introduction to Criminal Justice (Dual Credit)

Student survey the history, philosophy and ethical considerations of criminal justice, the nature & impact of crime, the criminal justice system, including law enforcement and procedures.

Local Course #: 941400

TEA #: 13029300

Course Code: LAWENF1

College Course: CRIJ1301

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and Law Enforcement I**

Court Systems and Practices (Dual Credit)

Students examines the judiciary in American criminal justice system and the adjudication processes and procedures.

Local Course #: 941401

TEA #: 13029600

Course Code: COURTSP

College Course: CRIJ1306

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Fundamentals of Criminal Law (Dual Credit)

Students explore criminal law, its philosophical and historic development, major definitions & concepts, classification & elements of crime, penalties using Texas statutes as illustrations and criminal responsibility.

Local Course #: 941402

TEA #: 13029800

Course Code: FEDLEPS

College Course: CRIJ1310

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Juvenile Justice System (Dual Credit)

Students investigate the juvenile justice process, including juvenile law, the roles of juvenile law, the juvenile courts, police agencies, correctional agencies and theories concerning delinquency.

Local Course #: 942403

TEA #: 13030100

Course Code: PRACLPS1

College Course: CRIJ1313

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 2.0

****NOTE: Cannot earn credit for this course and Practicum in Law**

Correctional Systems and Practices (Dual Credit)

Students examine corrections in the criminal justice system, organization of correctional systems, roles & operations, alternatives to institutionalization, treatment & rehabilitation, and current & future issues.

Local Course #: 941405

TEA #: 13029700

Course Code: CORRSRVS

College Course: CRIJ2313

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and Correctional Services**

Police Systems and Practices (Dual Credit)

Students explore the police profession, organization of law enforcement systems, the police role, police discretion, ethics, police-community interaction, and current & future issues.

Local Course #: 941406

TEA #: 13029400

Course Code: LAWENF2

College Course: CRIJ2328

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Criminal Investigations (Dual Credit)

Students discover investigative theory, collection and preservation of evidence, sources of information, interview and interrogation, uses of forensic sciences, and case & trial preparation.

Local Course #: 941408

TEA #: 13029550

Course Code: CRINVEST

College Course: CRIJ2314

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

Crime in America (Dual Credit)

Students consider American crime problems in historic perspective, social & public policy factors affecting crime, impact & crime trends, social characteristics of specific crimes & prevention of crime.

Local Course #: 941407

TEA #: 13018800

Course Code: NATLSEC

College Course: CRIJ1307

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

EDUCATION-RELATED**Child Development**

Students participate in a technical laboratory course addressing child growth & development from prenatal through school-age children, equipping students with skills to promote the well-being & healthy development of children.

Local Course #: 911303

TEA #: 13024700

Course Code: CHILDDEV

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Human Growth and Development

Students examine human lifespan development with emphasis on research, theoretical perspectives and common physical, cognitive, emotional and social developmental milestones.

Local Course #: 911301

TEA #: 13014300

Course Code: HUGRDEV

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Lifetime Nutrition and Wellness

Students discover the function and care of body systems and the effects of alcohol, tobacco and drugs on these systems by studying first aid and sexually transmitted diseases with a strong emphasis on sexual abstinence.

Local Course #: 915301

TEA #: 13024500

Course Code: LNURTWEL

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 0.5

Child Growth and Development (Dual Credit)

Students investigate physical, emotional, social and cognitive factors impacting growth and development from conception to adolescence.

Local Course #: 941302

TEA #: 13024700

Course Code: CHILDDEV

College Course: TECA1354

Grade(s): 10-12

Prerequisite(s): Passing TSI Reading score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and Child Development

Lifespan Growth and Development (Dual Credit)

Students investigate physical, emotional, social and cognitive factors and influences of a developing human from conception to death.

Local Course #: 941301

TEA #: 13014300

Course Code: HUGRDEV

College Course: PSYC2314

Grade(s): 10-12

Prerequisite(s): Passing TSI Reading score

College Course Hours: 3.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and Human Growth & Development

HUMAN SERVICES-RELATED**Family and Community Services**

Students participate in a laboratory-based course using real and meaningful community-based direct service or service-learning experiences while interacting with and providing services to individuals, families and the community, with emphasis placed on developing & enhancing organizational and leadership skills & characteristics.

Local Course #: 911304

TEA #: 13024900

Course Code: FAMCOSRV

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Disaster Response

Students discover *disaster* survival and rescue skills that would improve the ability of citizens to survive until responders or other assistance could arrive.

Local Course #: 911410

TEA #: N1303011

Course Code: DISRESP

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Political Science

Students discover political theory through the study of governments; public policies; and political processes, systems, and behavior.

Local Course #: 911217

TEA #: 13018300

Course Code: POLISCH

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

CAREER AND TECHNOLOGY ACADEMY-BASED CLASSES

COURSES



LEVEL 1

Principles of Arts, AV Technology & Communication

LEVEL 2

Audio Video Production I

LEVEL 3

Audio Video Production II

LEVEL 4

Practicum in Audio Video Production

Principles of Arts, Audio/Video Technology, and Communications

Students develop creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication to understand the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Local Course #: 911003

TEA #: 13008200

Course Code: PRINAAVTC

Grade(s): 9 -12

Prerequisite(s): None

Credit(s): 1.0

Audio/Video Production I

Students develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Careers in audio and video technology and film production span all aspects of the audio/video communications industry.

Local Course #: 911031

TEA #: 13008500

Course Code: AVPROD1

Grade(s): 10 -12

Prerequisite(s): Principles of Arts, Audio/Video Technology, and Communication

Credit(s): 1.0

Audio Video Production II

Students develop an advanced understanding of the industry in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications cluster. Careers in audio and video technology and film production span all aspects of the audio/video communications industry.

Local Course #: 912032

TEA #: 13008610

Course Code: AVPLAB2

Grade(s): 11-12

Prerequisite(s): Audio Video Production I

Credit(s): 2.0

Practicum in Audio Video Productions

Students fine tune to skills needed to pursue a career in this field. Students are self-starters, often work independently and are led under the instruction of the teacher. Students can earn an upper-level industry certification.

Local Course #: 912033

TEA #: 13008700

Course Code: PRACAVPI

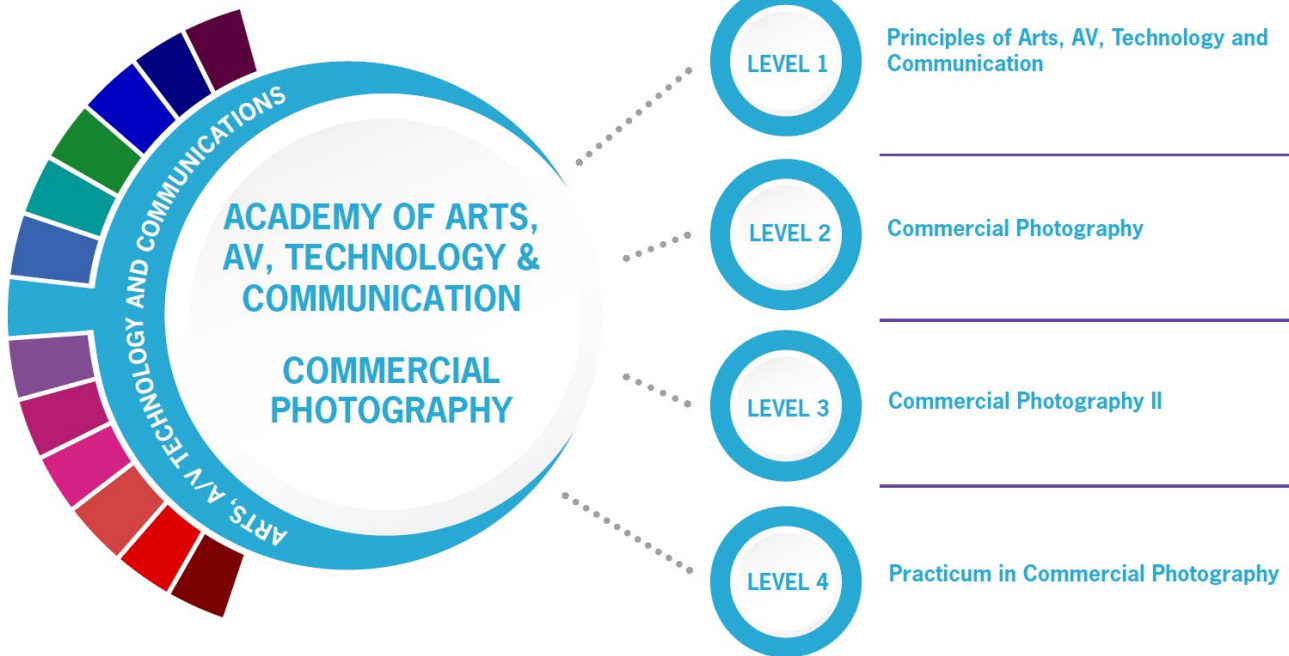
Grade(s): 12

Prerequisite(s): Audio Video Production II

Credit(s): 2.0



COURSES



Principles of Arts, Audio/Video Technology, and Communications

Students develop creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication to understand the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Local Course #: 911003

TEA #: 13008200

Course Code: PRINAAVTC

Grade(s): 9 -12

Prerequisite(s): None

Credit(s): 1.0

Commercial Photography I

Students develop an understanding of the commercial photography industry with a focus on creating quality photographs, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market.

Local Course #: 911021

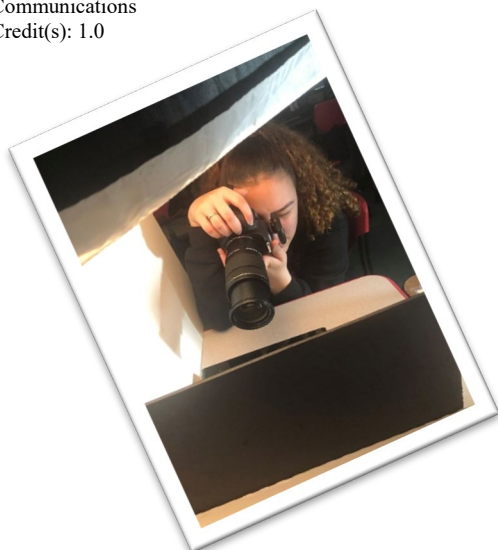
TEA #: 13009100

Course Code: CPHOTO1

Grade(s): 10-12

Prerequisite(s): Principles of Arts, Audio/Video Technology, and Communications

Credit(s): 1.0



Commercial Photography II

Students develop an advanced technical understanding of the commercial photography industry with a focus on producing and presenting professional quality photographs. Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market.

Local Course #: 912022

TEA #: 13009210

Course Code: CPHLAB1

Grade(s): 11-12

Prerequisite(s): Commercial Photography I

Credit(s): 2.0



Practicum in Commercial Photography

Students develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Careers in commercial photography span all aspects of the industry from setting up a shot to delivering products in a competitive market.

Local Course #: 912023

TEA #: 13009250

Course Code: PRACCPH1

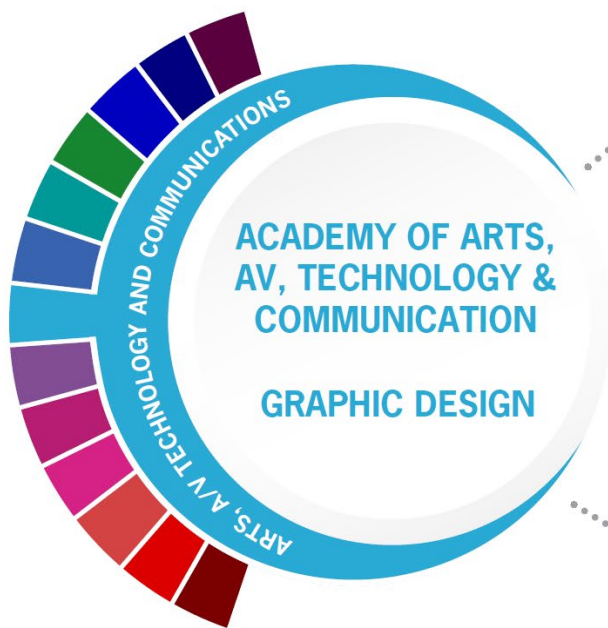
Grade(s): 12

Prerequisite(s): Commercial Photography II

Credit(s): 2.0



COURSES



LEVEL 1

Principles of Arts, AV, Technology and Communication

LEVEL 2

Graphic Design I

LEVEL 3

Graphic Design II

LEVEL 4

Practicum in Graphic Design

Principles of Arts, Audio/Video Technology, and Communications

Students develop creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication to understand the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Local Course #: 911003

TEA #: 13008200

Course Code: PRINAAVTC

Grade(s): 9 -12

Prerequisite(s): None

Credit(s): 1.0

Graphic Design & Illustration I

Students develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Careers in graphic design and illustration span all aspects of advertising and visual communications industry.

Local Course #: 911041

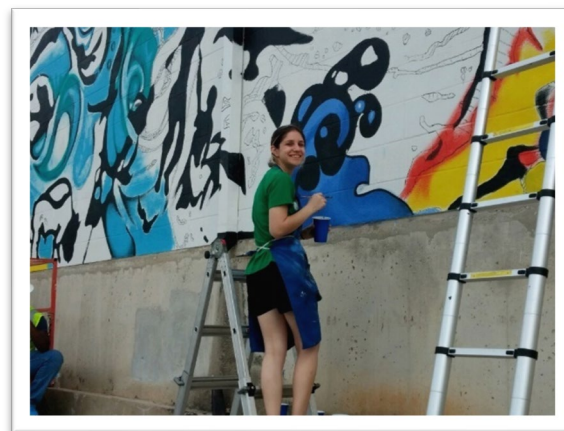
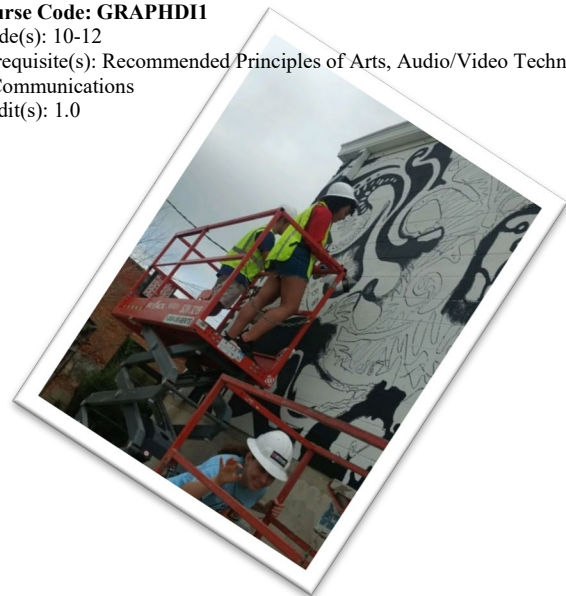
TEA #: 13008800

Course Code: GRAPHDI1

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Arts, Audio/Video Technology, & Communications

Credit(s): 1.0



Graphic Design & Illustration II

Students develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster.

Local Course #: 912042

TEA #: 13008910

Course Code: GRDLAB2

Grade(s): 11-12

Prerequisite(s): Graphic Design & Illustration I

Credit(s): 2.0



Practicum in Graphic Design

Students delve deeper into concepts and processes of Graphic Design for print and web. Adobe Creative Suite with projects in editorial, web, and motion graphic design can be mastered.

Local Course #: 912043

TEA #: 13009000

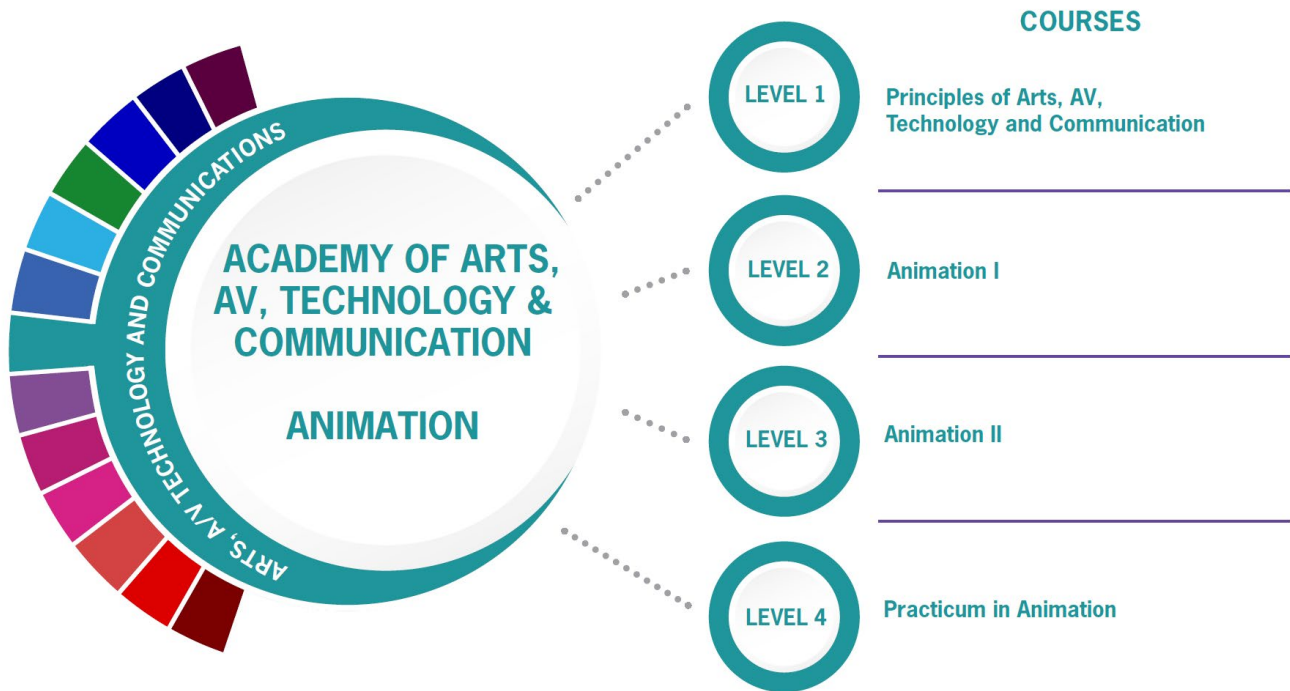
Course Code: PRACGRD1

Grade(s): 12

Prerequisite(s): Graphic Design and Illustration II

Credit(s): 2.0





Principles of Arts, Audio/Video Technology, and Communications

Students develop creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication to understand the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Local Course #: 911003

TEA #: 13008200

Course Code: PRINAAVTC

Grade(s): 9 -12

Prerequisite(s): None

Credit(s): 1.0

Animation I

Students develop an understanding of the history and techniques of the animation industry in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Careers in animation span all aspects of motion graphics.

Local Course #: 911011

TEA #: 13008300

Course Code: ANIMAT1

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Arts, Audio/Video Technology & Communications or Art I.

Credit(s): 1.0

Animation II

Students create two- and three-dimensional animations in addition to developing an understanding of the history and techniques of the animation industry in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Careers in animation span all aspects of motion graphics.

Local Course #: 912012

TEA #: 13008410

Course Code: ANILAB2

Grade(s): 11-12

Prerequisite(s): Animation I

Credit(s): 2.0



Practicum in Animation

Students create two- and three-dimensional animations in addition to developing an understanding of the history and techniques of the animation industry in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Careers in animation span all aspects of motion graphics. The instruction also assists students seeking careers in the animation industry.

Local Course #: 912013

TEA #: 13008450

Course Code: PRACCANI1

Grade(s): 12

Prerequisite(s): Animation II

Credit(s): 2.0



**LEVEL 1**

Principles of Business, Marketing & Finance and/or Business Information Management

LEVEL 2

Sports and Entertainment Marketing and Virtual Business

LEVEL 3

Social Media Marketing and Advertising

LEVEL 4

Practicum in Marketing

Principles of Business, Marketing, and Finance

Students explore economies and private enterprise systems, the impact of global business, marketing of goods/services, advertising, and product pricing by analyzing the sales process & financial management principles.

Local Course #: 911204

TEA #: 13011200

Course Code: PRINBMF

Grade(s): 9-11

Prerequisite(s): None

Credit(s): 1.0

Business Information Management I

Students strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education by applying technical skills to address business applications of emerging technologies, create word-processing documents, develop spreadsheets, formulate a database, and make an electronic presentation using software.

Local Course #: 911231

TEA #: 13011400

Course Code: BUSIMI

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

**Sports & Entertainment Marketing**

Students learn the marketing concepts and theories that apply to sports/sporting events and entertainment by exploring basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports and entertainment marketing plans.

Local Course #: 915224

TEA #: 13034600

Course Code: SPORTSEM

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Business, Marketing, and Finance

Credit(s): 0.5

Virtual Business

Students launch a virtual business by creating a web presence, conducting online/off-line marketing, examining contracts appropriate for an online business, demonstrating project-management & book-keeping skills, maintaining business records, and understanding business legal issues.

Local Course #: 915225

TEA #: 13012000

Course Code: VIRTBUS

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Business, Mktg, and Finance

Credit(s): 0.5

Social Media Marketing

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

Local Course #: 915222

TEA #: 13034650

Course Code: SMEDMKTG

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Business, Marketing, and Finance

Credit(s): 0.5

Advertising

Students gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, ethical, and legal issues of advertising, historical influences, strategies, and media decision processes.

Local Course #: 915221

TEA #: 13034200

Course Code: ADVERTIS

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Business, Marketing, and Finance

Credit(s): 0.5

Practicum in Marketing

Students gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills.

Local Course #: 912226

TEA #: 13034800

Course Code: PRACMKT1

Grade(s): 11-12

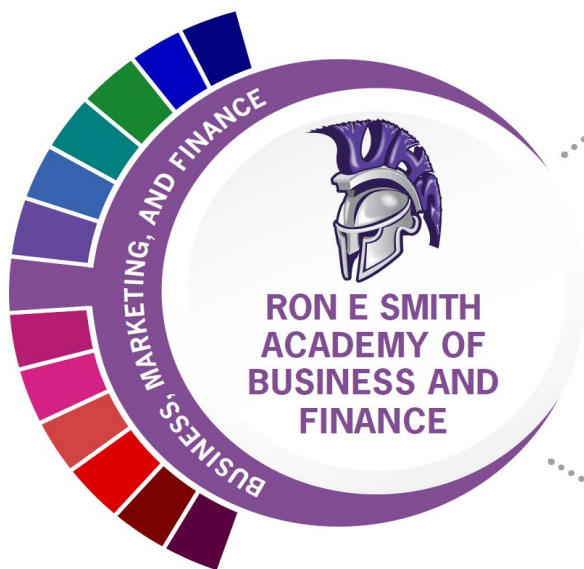
Prerequisite(s): 3 credits of Business/Finance coursework

Credit(s): 2.0



See page 59 for additional electives, including dual credit options.

COURSES



LEVEL 1

Principles of Business, Marketing and Finance and/or
Business Information Management

LEVEL 2

Accounting I

LEVEL 3

Accounting II and/or
Financial Analysis and/or
Fundamentals of Real Estate

LEVEL 4

Practicum in Business Management and/or
Financial Mathematics

Principles of Business, Marketing, and Finance

Students explore economies and private enterprise systems, the impact of global business, marketing of goods/services, advertising, and product pricing by analyzing the sales process & financial management principles.

Local Course #: 911204

TEA #: 13011200

Course Code: PRINBMF

Grade(s): 9-11

Prerequisite(s): None

Credit(s): 1.0

Business Information Management I

Students strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education by applying technical skills to address business applications of emerging technologies, create word-processing documents, develop spreadsheets, formulate a database, and make an electronic presentation using software.

Local Course #: 911231

TEA #: 13011400

Course Code: BUSIMI

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0



Accounting I

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information.

Local Course #: 911211

TEA #: 13016600

Course Code: ACCOUNT1

Grade(s): 10-12

Prerequisite(s): Principles of Business, Marketing, & Finance

Credit(s): 1.0

Accounting II

Students investigate the field of accounting at an advanced level, including how it is impacted by industry standards, as well as economic, financial, technological, international, social, legal and ethical factors as they engage in varied managerial & cost accounting activities. Students formulate & interpret financial information for use in management decision making.

Counts as a 3rd Mathematics credit

Local Course #: 911212

TEA #: 13016700

Course Code: ACCOUNT2

Grade(s): 11-12

Prerequisite(s): Accounting I

Credit(s): 1.0



Financial Analysis

Students explore the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs as well as develop analytical skills by actively evaluating financial results of multiple businesses, interpreting results for stakeholders, and presenting strategic recommendations for performance improvement.

Local Course #: 911202

TEA #: 13016800

Course Code: FINANAL

Grade(s): 11-12

Prerequisite(s): Accounting I

Credit(s): 1.0

Fundamentals of Real Estate

Students explore principles of real estate, the law of agency, the law of contracts, use of promulgated forms and real estate finance by analyzing elements of a real estate transaction, including representation, financing, title, closing and deeds.

Local Course #: 912227

TEA #: N1301120

Course Code: FUNDRE

Grades(s): 11-12

Prerequisite(s): Accounting I

Credit(s): 2.0

Financial Mathematics

Students apply critical thinking skills to analyze personal financial decisions based on current and projected economic factors. Students will integrate career and post-secondary education planning into financial decision making.

Counts as a 3rd Mathematics credit

Local Course #: 911201

TEA #: 13018000

Course Code: FINMATH

Grade(s): 10-12

Prerequisite(s): Algebra I

Credit(s): 1.0

Practicum in Business Management I

Students apply technical skills to develop a foundation in economic, financial, technological, social & ethical aspects of business to become competent consumers, employees and entrepreneurs, incorporating broad base legal, managerial, marketing, financial, ethical & international business knowledge.

Local Course #: 912233

TEA #: 13012200

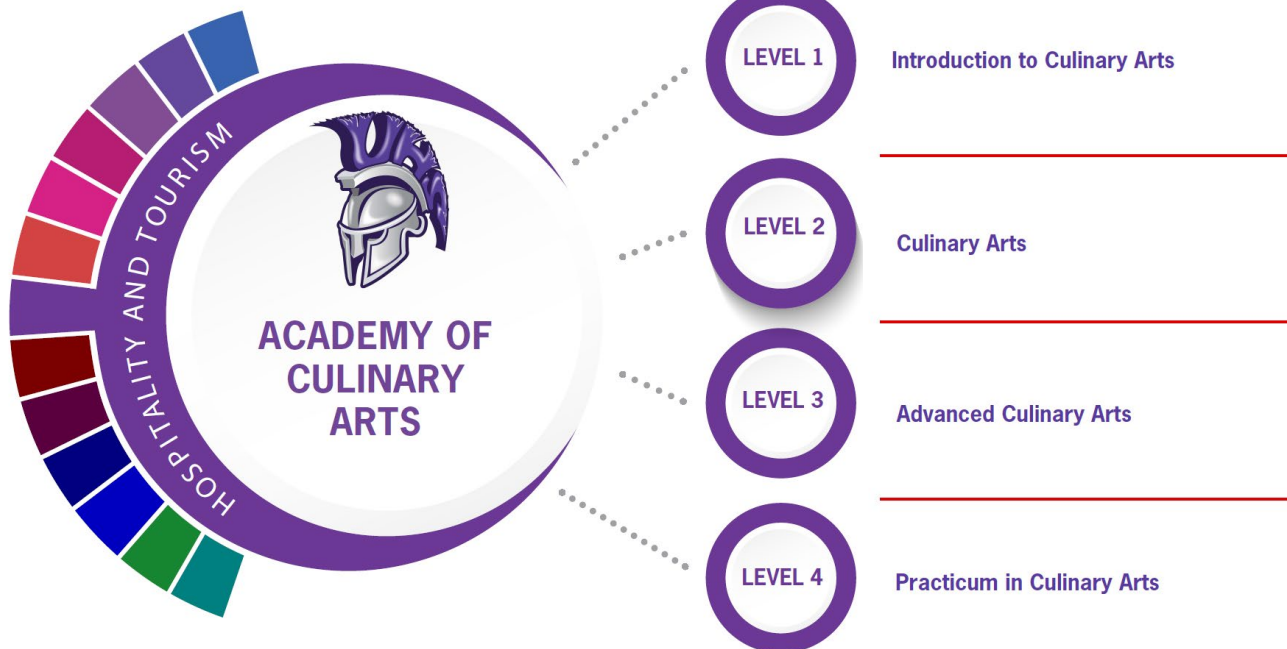
Course Code: PRACBM

Grade(s): 11-12

Prerequisite(s): 3 credits of Business/Finance coursework

Credit(s): 2.0

See page 59 for additional electives, including dual credit options.

**Introduction to Culinary Arts**

Students learn the fundamentals & principles of cooking and science of baking, including management and production skills & techniques, allowing them to test for a national sanitation, Texas culinary specialist, or other industry certification.

Local Course #: 911601

TEA #: 13022550

Course Code: INCULART

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Culinary Arts

Students enhance fundamentals & principles of the art of cooking and science of baking, management, production skills and techniques, allowing them to test for a national sanitation, Texas culinary specialist, or other industry certification.

Local Course #: 912603

TEA #: 13022600

Course Code: CULARTS

Grade(s): 10-12

Prerequisite(s): Introduction to Culinary Arts

Credit(s): 2.0

**Advanced Culinary Arts**

Students increase depth of knowledge & experience in baking, protein selection, advanced nutrition and sustainability, as well as understand front and back of the house roles and how these areas work together to create a successful operation.

Local Course #: 912604

TEA #: 13022650

Course Code: ADCULART

Grade(s): 11-12

Prerequisite(s): Culinary Arts

Credit(s): 2.0

Practicum in Culinary Arts

Students participate in occupationally opportunities that combine classroom instruction with actual business & industry experiences, integrating academic and career & technical education with the goal of preparing students with a variety of skills in a fast-changing workplace.

Local Course #: 912605

TEA #: 13022700

Course Code: PRACCUL

Grade(s): 12

Prerequisite(s): Culinary Arts

Credit(s): 2.0

**Sanitation and Safety (Dual Credit)**

Students explore personal cleanliness; sanitary practices in food preparation, investigation of illness caused by food contamination (Hazard Analysis Critical Control Points); and workplace safety standards.

Local Course #: 942604

TEA #: 13022650

Course Code: ADCULART

College Course: CHEF1205

Grade(s): 11-12

Prerequisite(s): Culinary Arts

College Course Hours: 2.0

Credit(s): 2.0

Food Service Equipment and Training (Dual Credit)

Students discover the various types of food service equipment and the planning of equipment layout for product flow and efficient operation.

Local Course #: 942606

TEA #: 13022800

Course Code: HOSPSRVS

College Course: IFWA1205

Grade(s): 11-12

Prerequisite(s): CHEF1205 with a grade of C or better

College Course Hours: 2.0

Credit(s): 2.0

Food Production and Planning (Dual Credit)

Students develop basic mathematical operations & applications to food service..

Local Course #: 942605

TEA #: 13022700

Course Code: PRACCUL1

College Course: IFWA1217

Grade(s): 12

Prerequisite(s): IFWA1205 with a grade of C or better

College Course Hours: 2.0

Credit(s): 2.0

Nutrition for Food Service Professionals (Dual Credit)

Students investigate nutrients, digestion & metabolism, menu planning, recipe modification, dietary guidelines & restrictions, diet & disease, and healthy cooking.

Local Course #: 942607

TEA #: 13022710

Course Code: PRACCUL2

College Course: IFWA1218

Grade(s): 12

Prerequisite(s): IFWA1217 with a grade of C or better

College Course Hours: 2.0

Credit(s): 2.0

COURSES



LEVEL 1

Principles of Education and Training

LEVEL 2

Human Growth and Development

LEVEL 3

Instructional Practices

LEVEL 4

Practicum in Education and Training

Principles of Education and Training

Students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations, and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

Local Course #: 911300

TEA #: 13014200

Course Code: PRINEDTR

Grade(s): 9-10

Prerequisite(s): None

Credit(s): 1.0

Human Growth and Development

Students examine human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

Local Course #: 911301

TEA #: 13014300

Course Code: HUGRDEV

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Instructional Practices

Students participate in a field-based internship that provides background knowledge of child and adolescent development as well as principles of effective teaching and training practices.

Local Course #: 912303

TEA #: 13014400

Course Code: INPRAC

Grade(s): 11-12

Prerequisite(s): Counseling & Mental Health

Credit(s): 2.0



Practicum in Education and Training

Students participate in an advanced field-based internship that provides background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators in direct instructional roles with elementary-, middle school- and high school-aged students.

Local Course #: 912305

TEA #: 13014500

Course Code: PRACEDT1

Grade(s): 12

Prerequisite(s): Instructional Practices in Education and Training

Credit(s): 2.0



See page 59 for additional electives, including dual credit options.



Principles of Law, Public Safety, Corrections & Security

Students discover professions in security, law enforcement, corrections, fire and emergency management services by examining the responsibilities and roles of police, courts, corrections, private security, and emergency services.

Local Course #: 911401

TEA #: 13029200

Course Code: PRINLPCS

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Law Enforcement I

Students overview the functions, organization, and history of local, state, and federal law enforcement, including Constitutional law, the U.S. legal system, criminal law, terminology, and crime classifications.

Local Course #: 911403

TEA #: 13029300

Course Code: LAWENFI

Grade(s): 10-12

Prerequisite(s): Principles of Law, Public Safety, Corrections & Security

Credit(s): 1.0

Forensic Psychology

Students learn basic structured psychological investigative techniques in question building, interviewing, criminal behavior characteristics, truth detection methodology, research methods, statistical analysis, and probability forecasting.

Local Course #: 911409

TEA #: N1303012

Course Code: FORENSPSY

Grade(s): 10-12

Prerequisite(s): Law Enforcement I

Credit(s): 1.0

Correctional Services

Students prepare for certification as correctional officers by learning the roles and responsibilities of correctional officers, relevant rules, regulations, laws, defensive tactics, restraint techniques, and first aid for correctional settings.

Local Course #: 911405

TEA #: 13029700

Course Code: CORRSRVS

Grade(s): 11-12

Prerequisite(s): Law Enforcement I

Credit(s): 1.0

Forensic Science

Students employ a scientific approach to investigate crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. They learn terminology and investigative procedures for crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes.

Counts as 3rd or 4th Science credit

Local Course #: 911402

TEA #: 13029500

Course Code: FORENSCI

Grade(s): 11-12

Prerequisite(s): Biology and Chemistry

Credit(s): 1.0

Practicum in Law, Public Safety, Corrections and Security

Students participate in supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security.

Local Course #: 912406

TEA #: 13030100

Course Code: PRACLPS1

Grade(s): 11-12

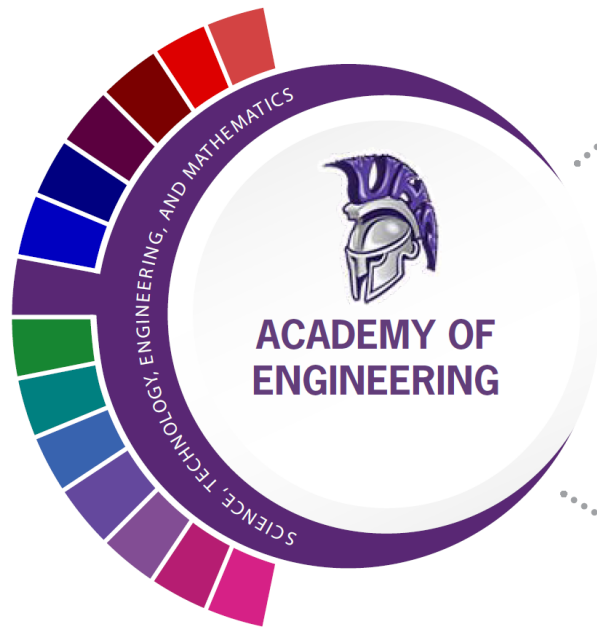
Prerequisite(s): Correctional Services or Forensic Psychology

Credit(s): 2.0



See page 59 for additional electives, including dual credit options.

COURSES



LEVEL 1

Introduction to Engineering Design (PLTW)

and (if desired)

Principles of Applied Engineering

LEVEL 2

Digital Electronics

and

Engineering Science

LEVEL 3

Computer Integrated Manufacturing (PLTW)

and (if desired)

Engineering Design and Presentation (Rockets 1)

LEVEL 4

Practicum in Science, Technology, Engineering and Mathematics

and (if desired)

Scientific Research and Development (Rockets 2)

Introduction to Engineering Design (PLTW)

Students use a design development process while enriching problem-solving skills; students create and analyze models using specialized computer software.

Local Course #: 911732

TEA #: N1303742

Course Code: IED

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Principles of Applied Engineering

Students overview of the various fields of science, technology, engineering, mathematics, and their interrelationships. Students will use a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields and will be able to make informed decisions regarding a coherent sequence of subsequent courses.

Local Course #: 911731

TEA #: 13036200

Course Code: PRAPPENG

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Digital Electronics

Students learn applied logic through work with electronic circuitry, which students also construct and test for functionality.

Counts as a 3rd math credit

Local Course #: 911741

TEA #: 13037600

Course Code: DIGELEC

Grade(s): 10-12

Prerequisite(s): Principles of Applied Engineering and Geometry

Credit(s): 1.0

Engineering Science

Students employ science, technology, engineering, and mathematical concepts in the solution of real-world challenge situations to develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges.

Counts as a 3rd or 4th Science credit

Local Course #: 911735

TEA #: 13037500

Course Code: ENGSCI

Grade(s): 10-12

Prerequisite(s): Recommended Algebra I and a lab science credit

Computer Integrated Manufacturing (PLTW)

Students enhance computer modeling skills by applying principles of robotics and automation to create models of three-dimensional designs.

Local Course #: 911722

TEA #: N1303748

Course Code: CIM

Grade(s): 11-12

Prerequisite(s): Digital Electronics (PLTW)

Credit(s): 1.0

Engineering Design and Presentation

Students demonstrate employability skills/professional standards as required by industry by completing team projects while utilizing skills for managing a project, safe and proper work habits, concepts of sketching and skills associated with computer-aided drafting/design and engineering design methodologies.

Local Course #: 911734

TEA #: 13036500

Course Code: ENGDSPR1

Grade(s): 12

Prerequisite(s): Algebra I, Introduction to Engineering Design, Digital Electronics, and Computer Integrated Manufacturing

Credit(s): 1.0

Practicum in Science, Technology, Engineering, and Mathematics

Students participate in field experiences that focus on planning, managing, and providing scientific research and professional and technical services, such as physical science, social science, and engineering, including laboratory testing services and research and development services.

Local Course #: 912737

TEA #: 13037400

Course Code: PRCSTEM1

Grade(s): 11-12

Prerequisite: Computer Integrated Manufacturing or Engineering

Credit(s): 2.0

Scientific Research and Design

Students explore systems' basic properties—space, time, energy, and matter—as in the area of rocketry. Change and constancy occur in systems as observable, measurable, modeled patterns used to make scientifically tested predictions.

Counts as a 3rd or 4th Science credit

Local Course #: 911700

TEA #: 13037200

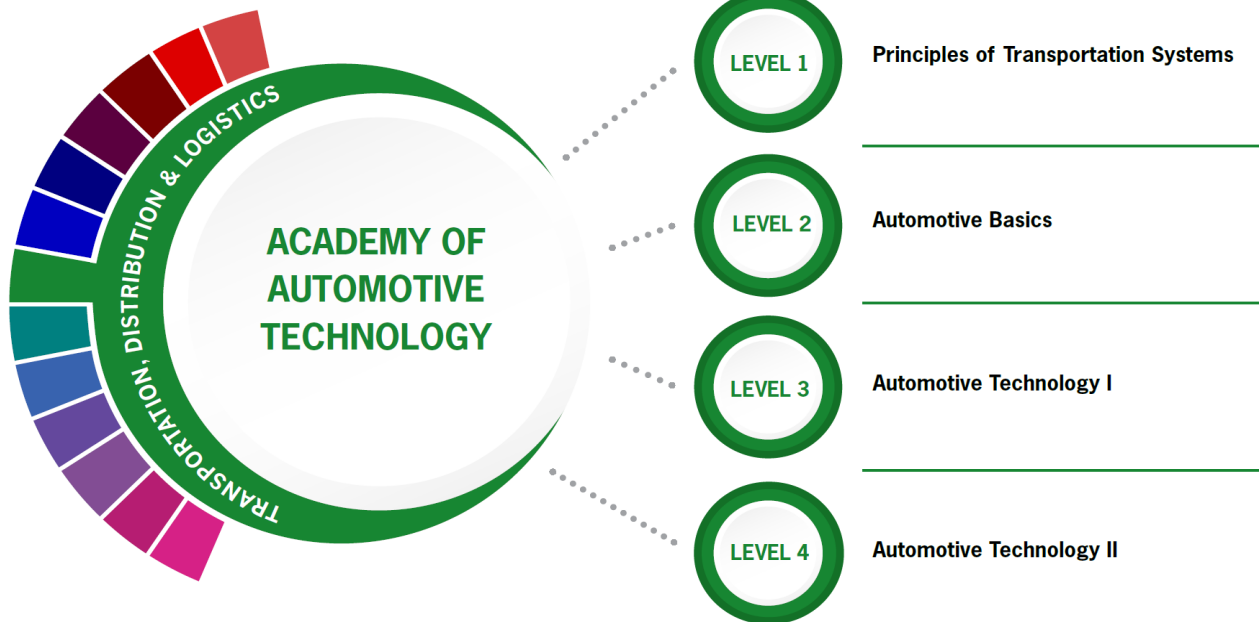
Course Code: SCIRD

Grade(s): 10-12

Prerequisite(s): Biology, Chemistry, IPC or Physics

Credit(s): 1.0





Principles of Transportation Systems

Students practice safe application, design, production and assessment of products, services, & systems, including the history, laws/regulations and common practices used in the logistics of warehousing & transport systems.

Local Course #: 911101

TEA #: 13039250

Course Code: PRINTRSY

Students explore the fundamentals of direct current, including Ohms Law, Kirchoff's laws and circuit analysis techniques.

Grade(s): 9-12

Credit(s): 1.0

Automotive Basics

Students discover the interaction between various vehicle systems, logistics used to move goods & services to consumers, and components of transportation infrastructure.

Local Course #: 911102

EA #: 13039550

Course Code: AUTOBASC

Grade(s): 10-12

Prerequisite(s): Principles of Transportation Systems

Credit(s): 1.0



Automotive Technology I: Maintenance and Light Repair

Students explore the function of the major automotive systems and principles of diagnosing & servicing these systems: repair, maintenance & diagnosis.

Local Course #: 912103

TEA #: 13039600

Course Code: AUTOTEC1

Grade(s): 11-12

Prerequisite(s): Automotive Basics

Credit(s): 2.0



Automotive Technology II: Automotive Service

Students investigate the function of major automotive systems and the principles of diagnosing & servicing these systems.

Local Course #: 912104

TEA #: 13039700

Course Code: AUTOTEC2

Grade(s): 12

Prerequisite(s): Automotive Technology I

Credit(s): 2.0



Introduction to Automotive Technology (Dual Credit)

Students explore the auto industry, auto history, safety, shop equipment & tools, vehicle subsystems, service publications, and professional responsibilities.

Local Course #: 942103

TEA #: 13039600

Course Code: AUTOTEC1

College Course: AUMT1305

Grade(s): 11-12

Prerequisite(s): Recommended Principles of Transportation Systems

College Course Hours: 4.0

Credit(s): 2.0

****NOTE:** Cannot earn credit for this course and Automotive Technology I

Automotive Electrical Systems (Dual Credit)

Students explore automotive electrical systems, including operational theory testing, diagnosis & repair of charging/starting systems & electrical accessories.

Local Course #: 942104

TEA #: 13039700

Course Code: AUTOTEC2

College Course: AUMT1307

Grade(s): 11-12

Prerequisite(s): AUMT1305 with a grade of C or higher

College Course Hours: 3.0

Credit(s): 2.0

****NOTE:** Cannot earn credit for this course and Automotive Technology II

Suspension and Steering (Dual Credit)

Students diagnose & repair auto suspension/steering systems: electronically controlled systems, component repair, alignment procedures & tire/wheel service.

Local Course #: 942105

TEA #: 13040450

Course Code: PRACTRS1

College Course: AUMT1416

Grade(s): 12

Prerequisite(s): AUMT1307 with a grade of C or higher

College Course Hours: 4.0

Credit(s): 2.0

Automotive Brake Systems (Dual Credit)

Students learn operation & repair of drum/disk type brake systems, including brake theory, diagnosis & repair of power, manual, anti-lock and parking brakes.

Local Course #: 942106

TEA #: 13040460

Course Code: PRACTRS2

College Course: AUMT1310

Grade(s): 12

Prerequisite(s): AUMT1416 with a grade of C or better

College Course Hours: 3.0

Credit(s): 2.0

Greater Waco Advanced Academies

Greater Waco Advanced Manufacturing Academy (GWAMA)



Greater Waco Advanced Health Care Academy (GWAHCA)

The Greater Waco Advanced Academies strive to achieve the following outcomes:

- Improve student achievement through career-centered learning
- Increase student opportunities through a variety of technical offerings
- Expand educational opportunities
- Create new professional opportunities for teachers
- Motivate students to meet measurable outcomes

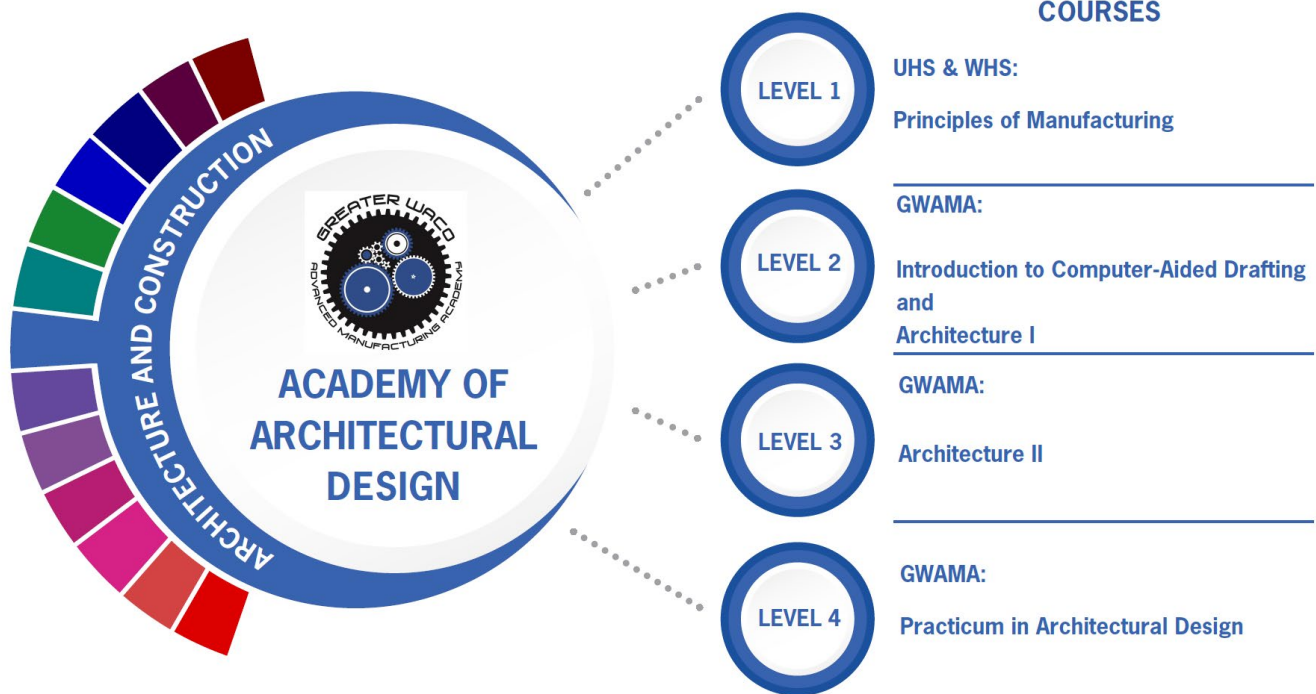
Students achieve these outcomes through the following pathway:

- Attend introductory classes at their home campus during the 9th and/or 10th grades
- Attend GWAMA or GWAHCA one half-day during 10th (GWAMA only), 11th and 12th grades
- Earn nationally-recognized Workforce Certifications

Students must complete an application to attend. (See the high school academy dean or cohort counselor)

The Greater Waco Advanced Academies (GWAMA and GWAHCA) are regional campuses designed in partnership with the Waco Business League, Texas State Technical College, McLennan County Community College, and local business/industry partners.

Greater Waco Advanced Manufacturing Academies



Principles of Manufacturing

Students study manufacturing technology, allowing them to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers.

Local Course #: 911701

TEA #: 13032200

Course Code: PRINMAN

Grade(s): 9-10

Prerequisite(s): None

Credit(s): 1.0

Architectural Design I

Students gain knowledge and skills needed to enter careers in architecture and construction or prepare a foundation for a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture.

Local Course #: G911712

TEA #: 13004600

Course Code: ARCHDSN1

Grade(s): 10 -12

Prerequisite(s): Principles of Architecture, Algebra I and English I

Credit(s): 1.0

Introduction to Computer-Aided Design and Drafting

Students gain understanding of CADD equipment, software selection and interfaces; setting up a CADD workstation; upgrading a computer to run advanced CADD software; storage devices; storing, retrieving, back-up and sharing databases; file servers and local area networks (LANs); and transferring drawing files over the Internet.

Local Course #: G911713

TEA#: N1303769

Course Code: INTRCADD

Grade(s): 10-12

Prerequisite(s): None

Credit(s): 1.0

Architectural Design II

Students sharpen knowledge and skills needed to enter careers in architecture, construction or as a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, and landscape architecture.

Local Course #: G912713

TEA #: 13004700

Course Code: ARCHDSN2

Grade(s): 11-12

Prerequisite(s): Architectural Design I and Geometry

Credit(s): 2.0

Intermediate Computer-Aided Design

Students focus on the fundamentals of computer-aided drafting using various drafting programs. Emphasis is placed on drawing set up; creating and modifying geometry; storing and retrieving predefined shapes; placing, rotating, and scaling objects; adding text and dimensions; using layers and coordinating systems; and using input and output devices.

Local Course #: G911715

TEA#: N1303770

Course Code: INTMCADD

Grade(s): 11-12

Prerequisite(s): Introduction to Computer-Aided Design and Drafting

Credit(s): 1.0

Practicum in Architectural Design

Students receive occupationally specific learning to provide technical instruction in architectural design. Safety and career opportunities are included in addition to work ethics and architectural design study.

Local Course #: G912715

TEA#: 13004800

Course Code: PRACADS1

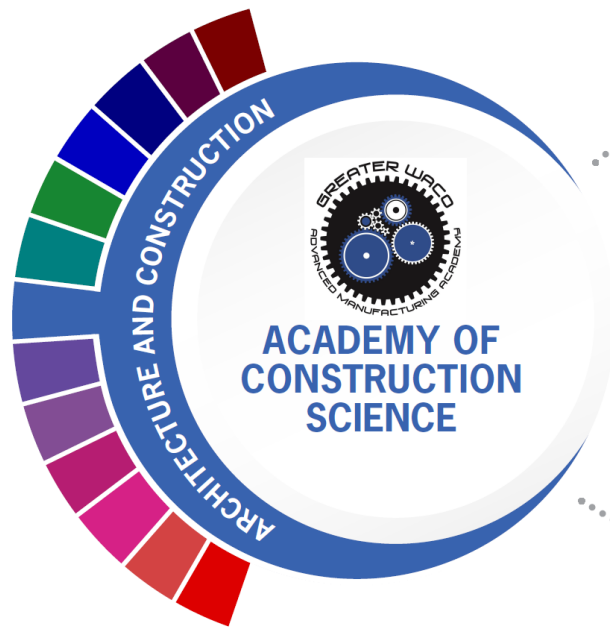
Grade(s): 12

Prerequisite(s): Architectural Design II

Credit(s): 2.0



COURSES



LEVEL 1

UHS & WHS:

Principles of Manufacturing

LEVEL 2

GWAMA:

Construction Technology I

LEVEL 3

GWAMA:

Construction Technology II

LEVEL 4

GWAMA:

Practicum in Construction Technology

Principles of Manufacturing

Students study manufacturing technology, allowing them to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers.

Local Course #: 911701

TEA #: 13032200

Course Code: PRINMAN

Grade(s): 9-10

Prerequisite(s): None

Credit(s): 1.0

Construction Technology I

Students gain knowledge and skills specific to those needed to enter the work force as carpenters or building maintenance supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.

Local Course #: G912931

TEA #: 13005100

Course Code: CONTECH1

Grade(s): 10-12

Prerequisite(s): None

Credit(s): 2.0

Construction Technology II

Students gain further knowledge and needed specific skills to enter the work force as carpenters or building maintenance supervisors or for a postsecondary degree in construction management, architecture or engineering. Students acquire information about safety, tools, building materials, codes and framing.

Local Course #: G912933

TEA #: 13005200

Course Code: CONTECH2

Grade(s): 11-12

Prerequisite(s): Construction Technology I

Credit(s): 2.0



Practicum in Construction Technology

Students gain further advanced knowledge and skills specific to those needed to enter the work force as carpenters, building maintenance technicians, or supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students build on knowledge from Construction Technology and are introduced to exterior and interior finish-out skills.

Local Course: G912934

TEA #: 13005250

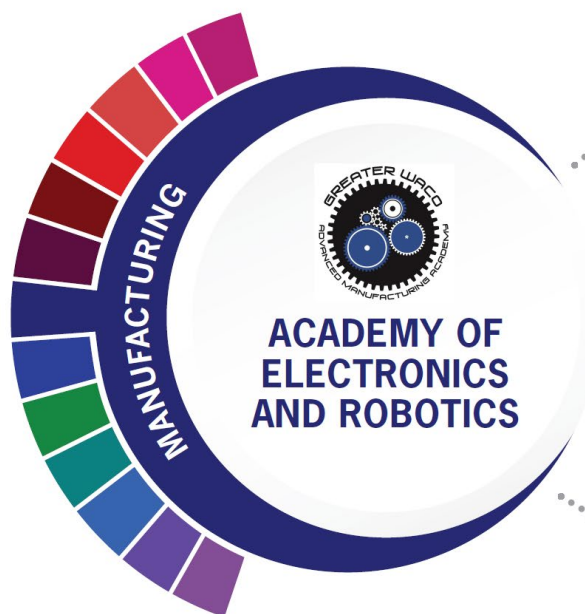
Course Code: PRACCT1

Grade(s): 12

Prerequisite(s): Construction Technology I

Credit(s): 2.0





COURSES

LEVEL 1

UHS & WHS:

Principles of Manufacturing

GWAMA:

LEVEL 2

Robotics I

and Engineering Design and Presentation

GWAMA:

LEVEL 3

Robotics II

and AC/DC Electronics

GWAMA:

LEVEL 4

Digital Electronics

and Practicum in Manufacturing

Principles of Manufacturing

Students study manufacturing technology, allowing them to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers.

Local Course #: 911701

TEA #: 13032200

Course Code: PRINMAN

Grade(s): 9-10

Prerequisite(s): None

Credit(s): 1.0

Robotics I

Students demonstrate knowledge and skills necessary for the robotic and automation industry. Through implementation of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their designs. Students explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

Local Course #: G911923

TEA #: 13037000

Course Code: ROBOTIC1

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Manufacturing

Credit(s): 1.0

Engineering Design and Presentation

Students demonstrate skills/professional standards as required by industry through team projects, while developing skills managing a project, practicing safe & proper work habits, applying concepts of sketching and skills associated with computer-aided drafting/design, and engineering design methodologies to build prototypes with appropriate tools, materials & techniques.

Local Course #: G911734

TEA #: 13036500

Course Code: ENGDSPI1

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Manufacturing

Credit(s): 1.0

Robotics II

Students will build prototypes or use simulation software to test their designs.

Counts as a 3rd Mathematics credit

Local Course #: G911924

TEA #: 13037050

Course Code: ROBOTIC2

Grade(s): 11-12

Prerequisite(s): Robotics I

Credit(s): 1.0

AC/DC Electronics

Students demonstrate knowledge of circuits, electronic measurement, and electronic implementation.

Local Course #: G911921

TEA #: 13036800

Course Code: ACDCELEC

Grade(s): 11-12

Prerequisite(s): Recommended Principles of Manufacturing

Credit(s): 1.0

Digital Electronics

Students learn applied logic through work with electronic circuitry, which students also construct and test for functionality.

Counts as a 3rd math credit

Local Course #: G911741

TEA #: 13037600

Course Code: DIGELEC

Grade(s): 12

Prerequisite(s): AC/DC Electronics

Credit(s): 1.0

Practicum in Manufacturing - Robotics

Students gain further advanced knowledge and skills specific to those needed to enter the work force or prepare for a postsecondary degree. Students build on knowledge from the Robotics II course.

Local Course #: G912953

TEA #: 13033000

Course Code: PRACMANI

Grade(s): 11-12

Prerequisite: Robotics II and Solid State Electronics

Credit(s): 2.0



DC Circuits (Dual Credit)

Students explore the fundamentals of direct current, including Ohms Law, Kirchoffs laws and circuit analysis techniques.

Local Course #: G941921

TEA #: 13036800

Course Code: ACDCELEC

College Course: CETT1303

Grade(s): 11-12

Prerequisite(s): Recommended Principles of Manufacturing

College Course Hours: 3.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and AC/DC Electronics

Robotics (Dual Credit)

Students investigate the principles and applications of robots, including installation interfacing programming maintenance and safety of robots and robotic cells.

Local Course #: G941735

TEA #: 13037050

Course Code: ROBOTIC2

College Course: RBTC1343

Grade(s): 11-12

Prerequisite(s): Robotics I, DC Circuits with a grade of C or better

College Course Hours: 3.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and Robotics II

AC Circuits (Dual Credit)

Students learn the fundamentals of alternating current, including series and parallel AC circuits, phasors, capacitive and inductive networks, transformers and resonance.

Local Course #: G941922

TEA #: 13036500

Course Code: ENGDSPR1

College Course: CETT1305

Grade(s): 12

Prerequisite(s): DC Circuits with a grade of C or better

College Course Hours: 3.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and Engineering Design

Digital Fundamentals (Dual Credit)

Students explore digital electronics, including numbering systems, logic gates, Boolean algebra and combinational logic.

Local Course #: G941741

TEA #: 13037600

Course Code: DIGELEC

College Course: CETT1325

Grade(s): 12

Prerequisite(s): AC Circuits with a grade of C or better

College Course Hours: 3.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and Practicum in Manufacturing

COURSES



LEVEL 1

UHS & WHS:

Principles of Manufacturing

GWAMA:

LEVEL 2

Occupational Safety & Environmental Technology I and Introduction to Welding

GWAMA:

LEVEL 3

Welding I and Welding II

GWAMA:

LEVEL 4

Practicum in Welding

Principles of Manufacturing

Students study manufacturing technology, allowing them to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers.

Local Course #: 911701

TEA #: 13032200

Course Code: PRINMAN

Grade(s): 9-10

Prerequisite(s): None

Credit(s): 1.0

Occupational Safety and Environmental Technology

Students investigate the field of Occupational Safety and Health Administration and Environmental Technology, which is charged with the tasks of ensuring business and industry provide safe workplaces free from hazards and bringing about a reduction in the occurrence of job-related injuries and fatalities, by using safety to increase employee safety and health, reduce workers' compensation insurance costs and medical expenses, decrease payout for return-to-work programs, reduce faulty products, and lower costs for job accommodations for injured workers.

Local Course #: G911941

TEA #: N1303680

Course Code: OSET1

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Manufacturing

Credit(s): 1.0

Introduction to Welding

Students discover three basic welding processes, industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards for employment in welding industries. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success.

Local Course #: G911940

TEA #: 13032250

Course Code: INTRWELD

Grade(s): 10-12

Prerequisite(s): Recommended Principles of Manufacturing

Credit(s): 1.0

Welding I

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

Local Course #: G912941

TEA #: 13032300

Course Code: WELD1

Grade(s): 11-12

Prerequisite(s): Algebra and Introduction to Welding.

Credit(s): 2.0

Welding II

Students develop advanced welding concepts and skills as they relate to personal and career development. This course integrates academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Local Course #: G912942

TEA # 13032400

Course Code: WELD2

Grade(s): 11-12

Prerequisite(s): Welding I, Recommended Geometry.

Credit(s): 2.0



Practicum in Manufacturing – Welding

Students gain advanced knowledge and skills specific to those needed to enter the work force as welders or prepare for a postsecondary degree in welding.

Local Course #: G912943

TEA #: 13033000

Course Code: PRACMANI

Grade(s): 11-12

Prerequisite(s): Welding II

Credit(s): 2.0



Introduction to Shielded Metal Arc Welding (Dual Credit)

Students investigate the shielded metal arc welding process with emphasis placed on power sources, electrode selection, oxy-fuel cutting and various joint designs as well as SMAW fillet welds in various positions.

Local Course #: G942941

TEA #: 13032300

Course Code: WELD1

College Course: WELD1428

Grade(s): 11-12

Prerequisite(s): None

College Course Hours: 4.0

Credit(s): 2.0

****NOTE:** Cannot earn credit for this course and Welding I

Introduction to Welding Using Multiple Processes (Dual Credit)

Students practice basic welding techniques using oxy-fuel welding (OFW), cutting shielded metal arc welding (SMAW), gas metal arc welding (GMAW), and gas tungsten arc welding (GTAW).

Local Course #: G942942

TEA #: 13032400

Course Code: WELD2

College Course: WELD1407

Grade(s): 11-12

Prerequisite(s): WELD1428 with a C or higher

College Course Hours: 4.0

Credit(s): 2.0

****NOTE:** Cannot earn credit for this course and Welding II

Introduction to Blueprint Reading for Welders (Dual Credit)

Students explore industrial blueprints, emphasizing terminology symbols, graphic description, and welding processes, including interpretation of plans and drawings used by industry to facilitate field application and production.

Local Course #: G942943

TEA #: 13033000

Course Code: PRACMAN1

College Course: WELD1313

Grade(s): 12

Prerequisite(s): None

College Course Hours: 3.0

Credit(s): 2.0

****NOTE:** Cannot earn credit for this course and Practicum in Manufacturing

Technical Calculations (Dual Credit)

Students determine specific mathematical calculations required by the business industry.

Local Course #: G942944

TEA #: 13033010

Course Code: PRACMAN2

College Course: TECM1303

Grade(s): 12

Prerequisite(s): None

College Course Hours: 3.0

Credit(s): 2.0

Greater Waco Advanced Health Care Academies

COURSES



LEVEL 1

UHS & WHS:

Principles of Health Science

LEVEL 2

UHS & WHS:

Medical Terminology

LEVEL 3

**GWAHCA:
Health Science Theory/Clinical (CNA or
Pharmacy-focused)
and**

**Anatomy & Physiology/Project-Based
Research (CNA)**

LEVEL 4

**GWAHCA:
Math for Medical Professionals AND**

for Advanced CNA

**Pathophysiology and Practicum in Health
Science**

OR

for Pharmacy Tech

**Pharmacology, Medical Microbiology and
World Health Research (1 yr program)**

or

Practicum in Health Science (2 yr program)

Principles of Health Science

Students develop advanced knowledge and skills related to a wide variety of health careers through hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies, such as clinical rotation and career preparation learning. Students should recognize that quality health care depends on working well with others.

Local Course #: 911501

TEA #: 13020200

Course Code: PRINHLSC

Grade(s): 9-12

Prerequisite(s): None

Credit(s): 1.0

Medical Terminology

Students learn the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Local Course #: 911503

TEA #: 13020300

Course Code: MEDTERM

Grade(s): 10-12

Prerequisite(s): None

Credit(s): 1.0

Essentials to Medical Terminology (Dual Credit)

Students learn medical terminology, word origins, structure and application.

Local Course #: 941503

TEA #: 13020300

Course Code: MEDTERM

College Course: HPRS1206

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 2.0

Credit(s): 1.0

****NOTE: Cannot earn credit for this course and Medical Terminology**

Health Science Theory/Health Science Clinical

Students venture into the hospital for observation of professionals and patients, discovering the importance of confidentiality, compassion and ethics in medicine. **Local Course #: H912802**

TEA #: 13020410

Course Code: HLSCLIN

Grade(s): 11-12

Prerequisite(s): Biology

Credit(s): 2.0



Project-Based Research I

Students examine major world health problems & emerging technologies as solutions to these medical concerns, while improving their understanding of the cultural, infrastructural, political, educational and technological constraints and inspire ideas for appropriate technological solutions to global medical issues.

Local Course #: H911803

TEA #: 12701500

Course Code: PROBSI

Grade(s): 11-12

Prerequisite(s): Anatomy & Physiology

Credit(s): 1.0

Anatomy & Physiology

Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving, while studying the structure and function of the human body and the interaction of systems for maintaining homeostasis.

Counts as a 3rd or 4th Science credit

Local Course #: H911801

TEA #: 13020600

Course Code: ANATPHYS

Grade(s): 11-12

Prerequisite(s): 2 HS science credits, including Biology and Medical Terminology

Credit(s): 1.0

Mathematics for Medical Professionals

Students gain fluency & understanding of medical mathematics by extending & applying the mathematical skills necessary for health science professions.

Counts as 3rd or 4th Mathematics credit

Local Course #: H211009

TEA #: 13020970

Course Code: MTHMEDPR

Grade(s): 11-12

Prerequisite(s): Geometry and Algebra II (can take concurrently to Algebra II) Credit(s): 1.0

Pathophysiology

Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.

Counts as a 3rd or 4th Science credit

Local Course #: H911804

TEA #: 13020800

Course Code: PATHO

Grade(s): 12

Prerequisite(s): Biology and Chemistry

Credit(s): 1.0

Practicum in Health Science

Students apply previously studied knowledge and skills in advanced settings. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Advanced CAN, EKG and Phlebotomy.

Local Course #: H912805

TEA #: 13020500

Course Code: PRACHLS1

Grade(s): 12

Prerequisite(s): Health Science Theory and Biology

Credit(s): 2.0



Medical Microbiology

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases. (40% laboratory and fieldwork requirement)

Counts as a 3rd or 4th Science credit

Local Course #: H411300

TEA #: 13020700

Course Code: MICRO

Grade(s): 11-12

Prerequisite(s): Chemistry (can take concurrently)

Credit(s): 1.0

World Health Research

Students explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, drug-resistant organisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement.

Local Course #: H911806

TEA #: 13020900

Course Code: WORLDHR

Grade(s): 11-12

Prerequisite(s): Chemistry (can take concurrently)

Credit(s): 1.0

Pharmacology

Students study natural and synthetic chemical agents, such as drugs' effects biological systems. Students can test for Pharmacy Tech Certification.

Local Course #: H911807

TEA #: 13020950

Course Code: PHARMC

Grade(s): 12

Prerequisite(s): Biology & Chemistry (can take concurrently)

Credit(s): 1.0



Anatomy and Physiology (Specialized) (Dual Credit)

Students explore the integrative processes within cells, tissues, organs & body systems associated with human anatomy and physiology.

Local Course #: H441101

TEA #: 13020600

Course Code: ANATPHYS

College Course: BIOL2404

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and Anatomy & Physiology

Essentials to Medical Terminology (Dual Credit)

Students learn medical terminology, word origins, structure and application.

Local Course #: 941504

TEA #: 13020300

Course Code: MEDTERM

College Course: HPRS1206

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 2.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and Medical Terminology

Anatomy & Physiology (Dual Credit)

Students explore structure & function of the human body, including cells, tissues & organs of varied systems: integumentary, skeletal, muscular and nervous, emphasizing interrelationships & regulation of physiological functions.

Local Course #: H441102

TEA #: 13037200

Course Code: SCIRD

College Course: BIOL2401

Grade(s): 10-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course and BIOL 1406 or BIOL 1408.

Anatomy & Physiology II (Dual Credit)

Students study structure & function of human systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive, urinary, and reproductive.

Local Course #: H441103

TEA #: 13027210

Course Code: SCIRD2

College Course: BIOL2402

Grade(s): 11-12

Prerequisite(s): Passing TSI English score

College Course Hours: 4.0

Credit(s): 1.0

****NOTE:** Cannot earn credit for this course & BIOL1409 or CHEM1405.

Microbiology for Non-Science Majors (Dual Credit)

Students study microbiology & immunology (for pre-nursing, pre-allied health & non-science majors) through the historical nature of microorganisms, microbial diversity, importance of microorganisms & acellular agents, emphasizing medical microbiology, infectious diseases & public health.

Local Course #: H441104

TEA #: 13020700

Course Code: MEDMICRO

College Course: BIOL2420

Grade(s): 11-12

Prerequisite(s): Passing TSI English score

College Course Hours: 3.0

Credit(s): 1.0

APPENDICIES

A: Vital Information about Dual Credit Courses

B: Recommended Course Sequences Leading to AP-level or Dual Credit Courses

C: Vital Information about Advanced Placement Courses

D: Fine Arts Sequences for High School

E: House Bill 5 Foundation High School Program Requirements

F: House Bill 5 Endorsement Requirements

G: House Bill 5 Distinguished Level of Achievement and Performance Acknowledgements

H: ACCELERATE Early Degree Plan pathways

APPENDIX A



Vital Information about Dual Credit Courses



The Dual Credit (DC) program offers college-level courses to high school students, potentially allowing those students to earn college credit. Through an agreement with a neighboring higher education credit-granting school, secondary schools provide students the opportunity to show their mastery of course material throughout the semester rather than on a single examination. Currently, WISD has dual credit agreements through both McLennan Community College and Texas State Technical College. Dual Credit courses are open to students meeting the qualifying guidelines in the Texas Success Initiative and who are willing to complete the rigorous work required to pass the course. Students enrolled in a Dual Credit section of a course can sit for the AP exam for that course if they so desire.

Advantages

The main advantage of Dual Credit coursework is its ability to prepare students for college both by allowing them to participate in college-level courses and allowing them to contribute to their college GPAs while still in high school. A two-year study conducted by McLennan Community College from 2012-2014 found that Dual Credit students enroll in more credit hours per semester, achieve a higher GPA, return the following year to continue coursework, and graduate faster than those without the Dual Credit experience. Students arriving at MCC with Dual Credit course hours graduated with an Associate degree at a **five times higher rate** than those students who did not take Dual Credit. Credits earned through the local higher education institution can then be transferred to the students' colleges of choice for articulation into their degree programs.

Students who take Dual Credit coursework can save both time and money. Credits accrued through DC participation can save up to a year in college tuition (and even more for some students). Dual credit offerings in WISD offer parents the opportunity to save up to the equivalent of two years of college tuition and living expenses (up to \$100,000 depending upon the 4-year school chosen by the student). Students should check with their colleges of interest to determine what courses will transfer for their chosen degree program.

Finally, students taking Dual Credit classes receive an additional grade weighting for the course on their GPAs. Because the average grade in Dual Credit classes is lower than the grade the same students would earn in an on-level class, DC courses are weighted with a 1.15 on the GPA so that they do not adversely impact a student's academic performance.

Preparation

The content of the Dual Credit courses is more sophisticated than that of typical high school courses. Students who enter these courses should have strong reading, writing and test-taking skills and have had practice in analyzing content, drawing comparisons, and reasoning through problems. Students who are not skilled in these areas must be more highly motivated to overcome their deficiencies while taking these more rigorous courses. The earlier students prepare for DC courses (typically through Pre-AP coursework), the more likely they will experience success.

Cost

If students take a Dual Credit course in Waco ISD and receive free or reduced lunch, there will be no charge for the course. If students do not receive free or reduced lunch, McLennan Community College income guidelines might also exempt students from payment. For those not covered under the MCC Tuition waiver, WISD will cover the cost of the tuition, fees, and books for any course that is (1) covered under the Memorandum of Understanding with McLennan Community College or Texas State Technical College; (2) meets the requirements for a student's high school graduation/endorsement plan or future degree plan; and (3) does not repeat a credit for which the district has already paid for the student to get (i.e., ENGL 1301 will not be a covered class if a student has already taken and passed Advanced Placement English Language and Composition and received a score above a 3 since these earn the same college credit).

Credit

Dual Credit classes are accepted differently by different colleges; this acceptance is usually dependent upon where the course was taken and who served as the instructor. Therefore, students are encouraged to check with the admissions officers of their colleges of choice to determine what classes are transferrable for credit.

Academic Dual Credit Courses

WISD #	Approved College Course	Service ID/High School Course	Trans Cat.	# Credits
941201	ACCT 2301 Principles of Financial Accounting	13016800 Financial Analysis	CTE	1
941202	ACCT 2302 Principles of Managerial Accounting	13016700 Accounting II	CTE	1
941203	ACNT 1303 Introduction to Accounting	13016600 Accounting I	CTE	1
941030	ARTC 1302 Digital Imaging	13009600 Printing and Imaging Technology I	CTE	1
541001	ARTS 1301 Art Appreciation	03500110 Art Appreciation	FA	1
541003	ARTS 1303 Art History I (!4th Century-Present)	03500400 Art IV	FA	1
941001	BCIS 1305 Business Computer Applications	13011500 Business Information Management II	CTE	1
441206	BIOL 1322 Nutrition & Diet Therapy	13023000 Food Science	SC	1
441201	BIOL 1406 Biology for Science Majors	13037200 Scientific Research and Design	SC	1
441202	BIOL 1407 Biology for Science Majors II	13020700 Medical Microbiology	SC	1
441203	BIOL 1408 Biology for Non-Science Majors	13037200 Scientific Research and Design	SC	1
441204	BIOL 1409 Biology for Non-Science Majors II	13037210 Scientific Research and Design II	SC	1
441207	BIOL 1411 General Botany	13002000 Horticultural Science	SC	1
441205	BIOL 1413 General Zoology	13000700 Advanced Animal Science	SC	1
H441102	BIOL 2401 Anatomy and Physiology I	13037200 Scientific Research and Design I	SC	1
H441103	BIOL 2402 Anatomy and Physiology II	13037210 Scientific Research and Design II	SC	1
H441101	BIOL 2404 Anatomy & Physiology (Specialized)	13020600 Anatomy and Physiology	SC	1
H441104	BIOL 2420 Microbiology for Non-Science Majors	13020700 Medical Microbiology	SC	1
941230	BMGT 1327 Principles of Management	13012100 Business Management	CTE	1
941231	BUSG 2309 Small Business Management	13034400 Entrepreneurship	CTE	1
941232	BUSI 1301 Business Principles	13011800 Global Business	CTE	1
941233	BUSI 1307 Personal Finance	13016200 Money Matters	CTE	1
441301	CHEM 1405 Chemistry for Non-Science Majors	13037210 Scientific Research and Design II	SC	1
441302	CHEM 1411 General Chemistry I	N1120027 Organic Chemistry	SC	1
441303	CHEM 1412 General Chemistry II	13037220 Scientific Research and Design III	SC	1
141101	COMM 1307 Introduction to Mass Communication	03241401 Contemporary Media	LA	1
441101	COSC 1301 Introduction to Computing	13037100 Principles of Technology	TA	1
841101	COSC 1336 Programming Fundamentals	13027600 Computer Programming I	TA	1
841102	COSC 1337 Programming Fundamentals II	13027700 Computer Programming II	TA	1
841103	CRIJ 1301 Introduction to Criminal Justice	13029300 Law Enforcement I	CTE	1
941401	CRIJ 1306 Court Systems and Practices	13029600 Court Systems and Practices	CTE	1
941407	CRIJ 1307 Crime in America	13018800 National Security	CTE	1
941402	CRIJ 1310 Fundamentals of Criminal Law	13029800 Fed. Law Enforcement & Protection Services	CTE	1
942403	CRIJ 1313 Juvenile Justice System	13030100 Practicum. in Law, Safety, Corrections & Security	CTE	2
941405	CRIJ 2313 Correctional Systems and Practices	13029700 Correctional Services	CTE	1
941408	CRIJ 2314 Criminal Investigations	13029550 Criminal Investigation	SC	1
941406	CRIJ 2328 Police Systems and Practices	13029400 Law Enforcement II	CTE	1
541601	DRAM 1310 Introduction to Theater	03250400 Theater IV	FA	1
345401	ECON 2301 Principles of Macroeconomics	03310300 Economics-Emphasis on Free Enterprise Sys	EC	0.5
345402	ECON 2302 Principles of Microeconomics	03310301 Economics Advanced Studies	EC	0.5
141000	EDUC 1300 Learning Frameworks	03270100 College Readiness and Study Skills	LA	1
141001	ENGL 1301 Freshman Composition I	03220300 English III (1st Sem 11th)	LA	1
141003	ENGL 1301 Freshman Composition I	03220400 English IV (1st Sem 12th)	LA	1
141002	ENGL 1302 Freshman Composition II	03220400 English IV (2nd Sem 11th)	LA	1
141004	ENGL 1302 Freshman Composition II	03221800 Independent Study English (2nd Sem 12th)	LA	1
141007	ENGL 2311 Technical and Business Writing	03221100 Research and Technical Writing	LA	1
141006	ENGL 2321 British Literature	03221810 Independent Study in English II	LA	1
141008	ENGL 2322 Early British Literature	03221820 Independent Study in English III	LA	1
141009	ENGL 2326 American Literature	03221820 Independent Study in English III	LA	1
141005	ENGL 2328 American Literature II: Civil War-Present	03221600 Humanities	LA	1
440501	ENVR 1101 Environmental Science Lab	03020000 Environmental Systems	SC	Local 1
440504	ENVR 1102 Environmental Science II Lab	13001100 Energy and Natural Resources Technology	SC	Local 1
441501	ENVR 1301 Environmental Science	03020000 Environmental Systems	SC	1
441504	ENVR 1302 Environmental Science II	13001100 Energy and Natural Resources Technology	SC	1

WISD #	Approved College Course	Service ID/High School Course	Trans Cat.	# Credits
641101	FREN 1411 Beginning German I	03410100 German I	OL	1
641102	FREN 1412 Beginning German II	03410200 German II	OL	1
641103	FREN 2311 Intermediate German I	03410300 German III	OL	1
641104	FREN 2312 Intermediate German II	03410400 German IV	OL	1
440502	GEOL 1101 Earth Sciences I for Non-Majors Lab	13000200 Principles of Ag, Food, & Natural Resources	SC	Local 1
441502	GEOL 1301 Earth Sciences I for Non-Majors	03060200 Earth and Space Science	SC	1
441505	GEOL 1401 Earth Science I for Non-Majors with Lab	03060200 Earth and Space Science	SC	2
441503	GEOL 1403 Physical Geology with Lab	03060200 Earth and Space Science	SC	1
641201	GERM 1411 Beginning German I	03420100 German I	OL	1
641202	GERM 1412 Beginning German II	03420200 German II	OL	1
641203	GERM 2311 Intermediate German I	03420300 German III	OL	1
641204	GERM 2312 Intermediate German II	03420400 German IV	OL	1
345201	GOVT 2305 Federal Government	03330100 US Government	SS	0.5
341202	GOVT 2306 Texas Government	13018200 Principles of Government and Public Admin	SS	1
341501	HIST 1301 United States History I	03380021 Social Studies Advanced Studies II	SS	1
341502	HIST 1302 United States History II	03340100 US History	SS	1
345503	HIST 2321 World Civilizations I	03380032 Special Topics in Social Studies III	SS	0.5
345504	HIST 2322 World Civilizations II	03380042 Special Topics in Social Studies IV	SS	0.5
941504	HPRS 1206 Essentials to Medical Terminology	13020300 Medical Terminology	CTE	1
141102	HUMA 1301 Introduction to Humanities I	03221600 Humanities	LA	1
241001	MATH 1314 College Algebra	03101100 Pre-Calculus	MA	1
241002	MATH 1316 Plane Trigonometry	03102501 Independent Study in Mathematics II	MA	1
241006	MATH 1324 Math for Business & Social Sciences	13018000 Financial Mathematics	MA	1
241007	MATH 1325 Calculus for Business & Social Sciences	13016900 Statistics and Business Decision Making	MA	1
241009	MATH 1332 Contemporary Math	03102520 Discrete Math for Problem Solving	MA	1
241008	MATH 1342 Elementary Statistical Methods	03102530 Statistics	MA	1
241003	MATH 2412 Pre-Calculus Mathematics	03102502 Independent Study Mathematics III	MA	1
241004	MATH 2413 Calculus I	03102500 Independent Study in Mathematics	MA	1
241005	MATH 2414 Calculus II	N1110018 Multivariable Calculus	MA	1
941234	MRKG 1311 Principles of Marketing	13034700 Advanced Marketing	CTE	1
541101	MUSI 1306 Music Appreciation	03155600 Music Appreciation	FA	1
541102	MUSI 1310 American Music	03156400 Music and Media Communications	FA	1
345303	PHIL 1301 Introduction to Philosophy	03380042 Special Topics in Social Studies IV	SS	0.5
345304	PHIL 2306 Introduction to Ethics	03380032 Special Topics in Social Studies III	SS	0.5
441401	PHYS 1401 College Physics I	N1120041 Modern Physics	SC	1
441402	PHYS 1402 College Physics II	13037210 Scientific Research and Design II	SC	1
441403	PHYS 1403 Stars and Galaxies	03060100 Astronomy	SC	1
441404	PHYS 1405 Elementary Physics I	13037220 Scientific Research and Design III	SC	1
441405	PHYS 2425 University Physics I	N1120041 Modern Physics	SC	1
441406	PHYS 2426 University Physics II	13037300 Engineering Design and Problem Solving	CTE	1
141000	PSYC 1300 Learning Frameworks	03270100 College Readiness and Study Skills	LA	1
345301	PSYC 2301 General Psychology	03350100 Psychology	SS	0.5
941301	PSYC 2314 Lifespan Growth & Development	13014300 Human Growth & Development	CTE	1
341305	PSYC 2319 Social Psychology	13024200 Principles of Human Services	SS	1
641301	SGNL 1401 Beginning ASL I	03980100 ASL I	OL	1
641302	SGNL 1402 Beginning ASL II	03980200 ASL II	OL	1
641303	SGNL 2301 Intermediate ASL I	03980300 ASL III	OL	1
641304	SGNL 2302 Intermediate ASL II	03980400 ASL IV	OL	1
345302	SOCI 1301 Introduction to Sociology	03370100 Sociology	SS	0.5
141200	SPCH 1311 Introduction to Speech Communication	03241200 Independent Study in Speech	SP	1
141201	SPCH 1315 Public Speaking	03241200 Independent Study in Speech	SP	1
141202	SPCH 1318 Interpersonal Communication	03241210 Independent Study in Speech II	SP	1
141203	SPCH 1321 Business & Professional Communication	03241220 Independent Study in Speech III	SP	1
941302	TECA 1354 Child Development	13024700 Child Development	CTE	1

Technical Dual Credit Courses

WISD Code	Approved Texas State Technical College Course	Service ID/High School Course	Trans Cat.	# Credits
AUTOMOTIVE				
942103	AUMT 1305 Introduction to Auto Technology	13039600 Automotive Technology I	CT	2
942104	AUMT 1307 Automotive Electrical System	13039700 Automotive Technology II	CT	2
942105	AUMT 1416 Suspension and Steering	13040450 Practicum in Transportation Systems	CT	2
942106	AUMT 1310 Automotive Brake Systems	13040460 Practicum in Transportation Systems II	CT	2
ROBOTICS				
G941921	CETT 1303 DC Circuits	13036800 AC/DC Electronics	CT	1
G941735	RBTC 1343 Robotics	13037050 Robotics II	CT	2
G941922	CETT 1305 AC Circuits	13036500 Engineering Design and Presentation I	CT	1
G941741	CETT 1325 Digital Electronics	13037600 Digital Electronics	CT	1
CULINARY ARTS				
942604	CHEF 1205 Sanitation and Safety	13022650 Advanced Culinary Arts	CT	2
942606	IFWA 1205 Food Service Equipment and Training	13022800 Hospitality Services	CT	2
942605	IFWA 1217 Food Production and Planning	13022700 Practicum in Culinary Arts	CT	2
942607	IFWA 1218 Nutrition for Food Service Professionals	13022710 Practicum in Culinary Arts II	CT	2
WELDING				
G942941	WLDG 1428 Introduction to Shielded Metal Arc Welding	13032300 Welding I	CT	1
G942942	WLDG 1407 Introduction to Welding Using Multiple Processes	13032400 Welding II	CT	2
G942943	WLDG 1313 Introduction to Blueprint Reading for Welders	13033000 Practicum in Manufacturing I – Welding	CT	2
G942944	TECM 1303 Technical Calculations	13033010 Practicum in Manufacturing II – Welding	CT	2

On the following pages, you will find information on the way in which dual credit courses offered in Waco ISD transfer into colleges of choice for students in the district. For information on a college not listed, please refer to the college's website and search for "dual credit transfer."

Colleges*	Abilene Christian University	Angelo State University	Arizona State University	Austin Community College	Baylor University	Blinn College	Colorado State - Pueblo
Dual Credit Courses**	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course
ACCT 2301 Principles of Financial Accounting	ACCT 210	ACCT 2301	ACC 231	ACCT 2301		ACCT 2301	
ACCT 2302 Principles of Managerial Accounting	ACCT 211	ACCT 2302		ACCT 2302		ACCT 2302	
ACNT 1303 Introduction to Accounting			ACC DEPARTMENT ELECT				
ARTS 1301 Art Appreciation	ART 101	ARTS 1301	ARS 100	ARTS 1301	ART 1300	ARTS 1301	ART 100
ARTS 1303 Art History I: 14th Century to Present	ART 221	ARTS 1303	ARS DEPARTMENT ELECT	ARTS 1303	ART 2302	ARTS 1303	
BCIS 1305 Business Computer Applications		BCIS 1305				BCIS 1305	
BIOL 1322 Nutrition & Diet Therapy			NTR 100	BIOL 1322		BIOL 1322	
BIOL 1406 Biology for Science Majors	BIOL 113/115	BIOL 1406	BIO DEPARTMENT ELECT	BIOL 1406		BIOL 1406	
BIOL 1407 Biology for Science Majors II	BIOL 112/114	BIOL 1407		BIOL 1407		BIOL 1407	
BIOL 1408 Biology for Non-Science Majors	BIOL 101	BIOL 1408	BIO 100	BIOL 1408	BIO 1401	BIOL 1408	
BIOL 1409 Biology for Non-Science Majors II		BIOL 1409	BIO DEPARTMENT ELECT	BIOL 1409			
BIOL 1411 General Botany		BIOL 1411		BIOL 1411		BIOL 1411	
BIOL 1413 General Zoology		BIOL 1413	BIO DEPARTMENT ELECT	BIOL 1413		BIOL 1413	
BIOL 2401 Anatomy and Physiology I	BIOL 291/293	HSP 2401	BIO 201		BIO 2401	BIOL 2401	
BIOL 2402 Anatomy and Physiology II	BIOL 292/294	HSP 2402	BIO 202		BIO 2402	BIOL 2402	
BIOL 2404 Introduction to Anatomy & Physiology	BIOL 101		BIO DEPARTMENT ELECT	BIOL 2404		BIOL 2404	
BIOL 2420 Microbiology			MIC 205	BIOL 2420	BIO 1402	BIOL 2420	
BMGT 1327 Principles of Management			MGT DEPARTMENT ELECT				
BUSG 2309 Small Business Management			BUA DEPARTMENT ELECT				
BUSI 1301 Business Principles		BUSI 1301	ELECTIVE CREDIT	BUSI 1301		BUSI 1301	
BUSI 1307 Personal Finance				BUSI 1307		BUSI 1307	
CHEM 1405 Chemistry for Non-Science Majors	CHEM 113/111	CHEM 1405	CHM 113			CHEM 1405	
CHEM 1411 General Chemistry I	CHEM 133/131	CHEM 1406	CHM 113			CHEM 1411	
CHEM 1412 General Chemistry II	CHEM 134/132	CHEM 1412	CHM 116			CHEM 1412	
COMM 1307 Introduction to Mass Communication	JCM 100		MCO 120	COMM 1307		COMM 1307	
COSC 1301 Introduction to Computing		CS 1301	ELECTIVE CREDIT	COSC 1301			
COSC 1336 Programming Fundamentals	CS 120	CS 1336	LOWER DIV ELECTIVE				
COSC 1337 Programming Fundamentals II	CS 230	CS 1337					
CRJ 1301 Introduction to Criminal Justice		CRJ 1301	CRJ 100	CRJ 1301		CRJ 1301	
CRJ 1306 Court Systems and Practices		CRJ 1306	CRJ 203	CRJ 1306		CRJ 1306	
CRJ 1310 Fundamentals of Criminal Law		CRJ 1310	CRJ DEPARTMENT ELECT	CRJ 1310		CRJ 1310	
CRJ 1313 Juvenile Justice System			CRJ 204	CRJ 1313		CRJ 1313	
CRJ 2313 Correctional System and Practices		CRJ 2313	CRJ 240	CRJ 2313		CRJ 2313	
CRJ 2314 Criminal Investigations		CRJ 2314		CRJ 2314		CRJ 2314	
CRJ 2328 Police Systems and Practices		CRJ 2328	CRJ DEPARTMENT ELECT	CRJ 2328		CRJ 2328	
DRAM 1310 Introduction to Theater	THEA 220	TH 1310	THE 100	DRAM 1310	THEA 1206	DRAM 1310	
ECON 2301 Principles of Macroeconomics	ECON 260	ECON 2301	ECN 211	ECON 2301		ECON 2301	ECON 201
ECON 2302 Principles of Microeconomics	ECON 261	ECON 2302	ENC 212	ECON 2302		ECON 2302	
EDUC 1300 Learning Frameworks			ELECTIVE CREDIT	EDUC 1300		EDUC 1300	
ENGL 1301 Freshman Composition I	ENGL 111	ENGL 1301	ENG 101	ENGL 1301	ENGL 1302	ENGL 1301	ENG 101
ENGL 1302 Freshman Composition II	ENGL 112	ENGL 1302	ENG 102	ENGL 1302	ENGL 1304	ENGL 1302	ENG 102
ENGL 2311 Technical and Business Writing		ENGL 2311	ENG DEPARTMENT ELECT	ENGL 2311		ENGL 2311	
ENGL 2321 British Literature		ENGL 2321	ENG DEPARTMENT ELECT		ENGL 2301		
ENGL 2322 British Literature I	ENGL 221	ENGL 2322	ENG DEPARTMENT ELECT	ENGL 2322		ENGL 2322	
ENGL 2326 American Literature		ENGL 2326	ENG DEPARTMENT ELECT		ENGL 2304		
ENGL 2328 American Literature II: Civil War-Present	ENGL 263		ENG 242	ENGL 2328		ENGL 2328	
ENVR 1101 Environmental Science Lab			ABS 130				
ENVR 1102 Environmental Science Lab II							
ENVR 1301 Environmental Science			BIO 130	ENVR 1301			
ENVR 1302 Environmental Science II				ENVR 1302			
FREN 1411 Beginning French I	FREN 111				FRE 1401	FREN 1411	
FREN 1412 Beginning French II	FREN 112				FRE 1402	FREN 1412	
GEOL 1101 Earth Sciences I for Non-Majors Lab		GEOL 1101					
GEOL 1301 Earth Sciences I for Non-Majors		GEOL 1301	ELECTIVE CREDIT	GEOL 1301			
GEOL 1401 Earth Science & Lab I for Non-Majors		GEOL 1401			GEO 1408		
GEOL 1403 Physical Geology with Lab	GEOL 111	GEOL 1403	GLG 101	GEOL 1403	GEOL 1405	GEOL 1403	
GOVT 2305 Federal Government	POLS 225	POLS 2305	POS 110	GOVT 2305	PSC 1305	GOVT 231	POLI SCI ELECT
GOVT 2306 Texas Government	POLS 226	POLS 2306	POS DEPARTMENT ELECT	GOVT 2306	PSC 1306	GOVT 232	POLI SCI ELECT
HIST 1301 United States History I	HIST 221	HIST 1301	HST 109	HIST 1301	HIS 2365	HIST 131	HIST 201
HIST 1302 United States History II	HIST 222	HIST 1302	HST 110	HIST 1302	HIS 2366	HIST 132	HIST 202
HIST 2321 World Civilizations I	HIST 117	HIST 2311	HST DEPARTMENT ELECT		HIS 1305	HIST 135	
HIST 2322 World Civilizations II	HIST 131	HIST 2312			HIS 1307	HIST 136	
HPRS 1206 Essential to Medical Terminology			ELECTIVE CREDIT				
HUMA 1301 Introduction to Humanities				HUMA 1301			
MATH 1314 College Algebra	MATH 109	MATH 1314	MAT 117	MATH 1314		MATH 1314	MATH 121
MATH 1316 Plane Trigonometry		MATH 1316	MAT DEPARTMENT ELECT	MATH 1316		MATH 1316	MATH 122
MATH 1324 Math for Business & Social Science	MATH 130	MATH 1324	MAT 119	MATH 1324		MATH 1324	
MATH 1325 Calculus for Business & Social Science	MATH 131	MATH 1325	ECN DEPARTMENT ELECT			MATH 1325	
MATH 1332 Contemporary Math	MATH 120	MATH 1332	MAT 142	MATH 1332		MATH 1332	
MATH 1342 Elementary Statistical Methods	MATH 123	MATH 1342	STP 226	MATH 1342		MATH 1342	
MATH 2412 Pre-Calculus Mathematics		MATH 2412	MAT 170 + MAT DEPT ELECT	MATH 2412	MTH 1308	MATH 2412	
MATH 2413 Calculus I		MATH 2413	MAT 270	MATH 2413	MTH 1321	MATH 2413	
MATH 2414 Calculus II	MATH 186	MATH 2414	MAT 271	MATH 2414	MTH 1322	MATH 2414	
MRKG 1311 Principles of Marketing			MKT DEPARTMENT ELECT				
MUSI 1306 Music Appreciation	MUSM 230	MUSI 1306	MUS DEPARTMENT ELECT	MUSI 1306		MUSI 1306	
MUSI 1310 American Music	MUSM 232	MUSI 1310	MUS DEPARTMENT ELECT			MUSI 1310	
PHIL 1301 Introduction to Philosophy		PHIL 1301	PHI 101	PHIL 1301	PHI 1321	PHIL 1301	HUMANITIES ELECT
PHIL 2306 Introduction to Ethics		PHIL 2306	PHI 105	PHIL 2306	PHI 1308	PHIL 2306	
PHYS 1401 College Physics I	PHYS 110		PHY 111 + PHY 113	PHYS 1401	PHY 1408	PHYS 1401	
PHYS 1402 College Physics II	PHYS 112			PHYS 1402	PHY 1409	PHYS 1402	
PHYS 1403 Stars and Galaxies	PHYS 101		PHY 111 + PHY 113			PHYS 1403	
PHYS 1405 Elementary Physics I			PHY 111 + PHY 113	PHYS 1405			
PHYS 2425 University Physics I	PHYS 220	PHYS 2425	PHY 121 + PHY 122	PHYS 2425	PHY 1420	PHYS 2425	
PSYC 1300 Learning Frameworks			ELECTIVE CREDIT	PSYC 1300			
PSYC 2301 General Psychology	PHYS 120	PSY 2301	PSY 101	PSYC 2301	PSY 1305	PSUC 2301	PSYCHOLOGY ELECT
PSYC 2314 Lifespan Growth & Development	PHYS 232		PHY DEPARTMENT ELECT	PSYC 2314		PSYC 2314	
SGNL 1401 Beginning ASL I			SHS 101	SGNL 1401		SGNL 1401	
SGNL 1402 Beginning ASL II			SHS 102	SGNL 1402		SGNL 1402	
SOCI 1301 Introduction to Sociology	SOCI 111	SOC 1301	SOC 101	SOCI 1301	SOC 1305	SOCI 1301	
SPCH 1311 Introduction to Speech Communication		COMM 1311	COM 100	SPCH 1311		SPCH 1311	
SPCH 1315 Public Speaking	COMM 211	COMM 1315	COM 225	SPCH 1315	CSS 1301	SPCH 1315	
SPCH 1318 Interpersonal Communications	COMM 241		COM 110	SPCH 1318		SPCH 1318	
SPCH 1321 Business and Professional Communication			COM 225	SPCH 1321	CSS 1302	SPCH 1321	
TECA 1354 Child Development				TECA 1354		TECA 1354	

** Information Subject to Change.

Information obtained from the Texas Common Course Numbering
System site, February, 2020

*Austin College, Northwest Oklahoma State, Oklahoma Baptist, and Southern Methodist
University - all subject to evaluation by school personnel

Colleges*	Hardin-Simmons University	Lamar University	Louisiana State University	McMurry University	Middle Tennessee State	Midwestern State University	Prairie View A&M	Sam Houston State
Dual Credit Courses**	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course
ACCT 2301 Principles of Financial Accounting	ACCT 2311	ACCT 2301		ACCT 2310		ACCT 2143	ACCT 2213	ACCT 2301
ACCT 2302 Principles of Managerial Accounting	ACCT 2312	ACCT 2302			ACTG 2120	ACCT 2243	ACCT 2123	ACCT 2302
ACNT 1303 Introduction to Accounting								
ARTS 1301 Art Appreciation	ART 1300	ARTS 1301	ART 1001	ART 1300	ART 1030	ART 1413	ARTS 1203	ARTS 1301
ARTS 1303 Art History I: 14th Century to Present	ART 2306	ARTS 1303		ART 2301			ARTS 2223	ARTS 1303
BCIS 1305 Business Computer Applications				CSC 1315		MIS 2003	MISY 1013	
BIOL 1322 Nutrition & Diet Therapy						BIOL 1333		
BIOL 1406 Biology for Science Majors		BIOL 1406				BIOL 1114		
BIOL 1407 Biology for Science Majors II		BIOL 1407				BIOL 1214		
BIOL 1408 Biology for Non-Science Majors	BIOL 1401	BIOL 1408		BIOL 1401	BIOL 1110			BIOL 1308 + 1108
BIOL 1409 Biology for Non-Science Majors II		BIOL 1409						
BIOL 1411 General Botany				BIOL 1402		BIOL 1544	BIOL 1034	BIOL 1311 + 1111
BIOL 1413 General Zoology			BIOL ELECTIVE	BIOL 1403		BIOL 1144		BIOL 1313 + 1113
BIOL 2401 Anatomy and Physiology I	BIOL 2402	BIOL 2401		BIOL 2401		BIOL 1134	BIOL 1054	BIOL 2401
BIOL 2402 Anatomy and Physiology II	BIOL 2403	BIOL 2402		BIOL 2402		BIOL 1234	BIOL 1064	BIOL 2402
BIOL 2404 Introduction to Anatomy & Physiology								
BIOL 2420 Microbiology	BIOL 2405	BIOL 2420				BIOL 2144	BIOL 1073	BIOL 2420
BMGT 1327 Principles of Management								
BUSG 2309 Small Business Management								
BUSI 1301 Business Principles				BA 1310	BCED 1400	BUAD 1033	MGMT 1013	BUSI 1301
BUSI 1307 Personal Finance							FINA 2103	BUSI 1307
CHEM 1405 Chemistry for Non-Science Majors	CHEM 1301			CHEM 1400				CHEM 1305 + 1105
CHEM 1411 General Chemistry I	CHEM 1310	CHEM 1411		CHEM 1410				CHEM 1311 + 1111
CHEM 1412 General Chemistry II	CHEM 1311	CHEM 1412		CHEM 1420				CHEM 1312 + 1112
COMM 1307 Introduction to Mass Communication	COMM 1380	COMM 1307			JOUR 1020	MCOM 1233	COMM 1013	MCOM 1330
COSC 1301 Introduction to Computing	CSCI 1303		CSC 1100	CIS 1315	CSCI 1150	CMPS 1013		
COSC 1336 Programming Fundamentals		COSC 1336						
COSC 1337 Programming Fundamentals II		COSC 1337						
CRJU 1301 Introduction to Criminal Justice	CRJU 1301	CRJU 1301				CRJU 1113	CRJS 1133	CRJU 1301
CRJU 1306 Court Systems and Practices		CRJU 1306				CRJU 2933	CRJS 2643	CRJU 1306
CRJU 1310 Fundamentals of Criminal Law		CRJU 1310					CRJS 2663	CRJU 1310
CRJU 1313 Juvenile Justice System	CRJU 2305						CRJS 2743	
CRJU 2313 Correctional System and Practices	CRJU 1304	CRJU 2313				CRJU 2243	CRJS 2513	CRJU 2313
CRJU 2314 Criminal Investigations	CRJU 2301	CRJU 2314					CRJS 2423	CRJU 2314
CRJU 2328 Police Systems and Practices	CRJU 1302	CRJU 2328				CRJU 2233	CRJS 2413	CRJU 2328
DRAM 1310 Introduction to Theater	THEA 1333	DRAM 1310	THTR 1020	THRE 1300		THEA 1503	DRAM 1103	DRAM 1310
ECON 2301 Principles of Macroeconomics	ECON 2331	ECON 2301	ECON ELECTIVE	ECON 2310	ECON 2410	ECON 2333	ECON 2123	ECON 2301
ECON 2302 Principles of Microeconomics	ECON 2332	ECON 2302		ECON 2320	ECON 2420	ECON 2433	ECON 2113	ECON 2302
EDUC 1300 Learning Frameworks								
ENGL 1301 Freshman Composition I	ENGL 1301	ENGL 1301	ENGL 1001	ENG 1310	ENGL 1010	ENGL 1143	ENGL 1123	ENGL 1301
ENGL 1302 Freshman Composition II	ENGL 1302	ENGL 1302	ENGL 2000	ENG 1320	ENGL 1020	ENGL 1153	ENGL 1133	ENGL 1302
ENGL 2311 Technical and Business Writing							ENGL 1143	
ENGL 2321 British Literature	ENGL 2302		ENGL 2220	ENG 2310	ENGL 2020			
ENGL 2322 British Literature I		ENGL 2322		ENG 2310	ENGL 2020	ENGL 2813	ENGL 2263	
ENGL 2326 American Literature	ENGL 2303	ENGL 2326		ENG 2320				
ENGL 2328 American Literature II: Civil War-Present				ENG 2320		ENGL 2623		
ENVR 1101 Environmental Science Lab			ENVS ELECTIVE					ENVR 1101
ENVR 1102 Environmental Science Lab II								
ENVR 1301 Environmental Science								ENVR 1301
ENVR 1302 Environmental Science II								
FREN 1411 Beginning French I	FREN 1301	FREN 1301		FREN 1410		FREN 1134		FREN 1411
FREN 1412 Beginning French II	FREN 1302	FREN 1302		FREN 1420		FREN 1234		FREN 1412
GEOL 1101 Earth Sciences I for Non-Majors Lab								
GEOL 1301 Earth Sciences I for Non-Majors								GEOG 1301
GEOL 1401 Earth Science & Lab I for Non-Majors								
GEOL 1403 Physical Geology with Lab		GEOL 1403	GEOL 1001	GEOS 1410	GEOL 1040	GEOS 1134		GEOL 1303 + 1103
GOVT 2305 Federal Government		POLS 2302	POLI 2051	PSC 2310	PS 1005			
GOVT 2306 Texas Government	POLS 2301	POLS 2301	POLI ELECTIVE	PSC 2320	PS ELECTIVE			
HIST 1301 United States History I	HIST 1301	HIST 1301	HIST 2055	HIST 2310	HIST 2010	HIST 1133	HIST 1313	HIST 1301
HIST 1302 United States History II	HIST 1302	HIST 1302	HIST 2057	HIST 2320	HIST 2020	HIST 1233	HIST 1323	HIST 1302
HIST 2321 World Civilizations I	HIST 2301			HIST 1310		HIST 1353	HIST 1813	HIST 2311
HIST 2322 World Civilizations II	HIST 2302			HIST 1320		HIST 1453	HIST 1823	HIST 2312
HPRS 1206 Essential to Medical Terminology								
HUMA 1301 Introduction to Humanities						HUMN 2053		
MATH 1314 College Algebra	MATH 1310	MATH 1314	MATH 1021	MATH 1311	MATH 1710	MATH 1233	MATH 1113	
MATH 1316 Plane Trigonometry	MATH 1311	MATH 1316	MATH 1022	MATH 1312		MATH 1433	MATH 1123	MATH 1316
MATH 1324 Math for Business & Social Science		MATH 1324	MATH 1029			MATH 1203	MATH 1153	MATH 1324
MATH 1325 Calculus for Business & Social Science	BSAD 2304	MATH 1325					MATH 2153	MATH 1325
MATH 1332 Contemporary Math	MATH 1301	MATH 1332	MATH 1029	MATH 1315	MATH ELECTIVE	MATH 1053		MATH 1332
MATH 1342 Elementary Statistical Methods		MATH 1342	ISDS 2000				MATH 2003	MATH 1342
MATH 2412 Pre-Calculus Mathematics			MATH 1021			MATH 1534		MATH 2312
MATH 2413 Calculus I	MATH 1420	MATH 2413	MATH 1550	MATH 2421		MATH 1634	MATH 1124	MATH 2313
MATH 2414 Calculus II	MATH 1421	MATH 2414	MATH 1552			MATH 1734	MATH 2024	MATH 2314
MRKG 1311 Principles of Marketing								
MUSI 1306 Music Appreciation		MUSI 1306	MUS 1751	MLH 2301	MUS 1030	MUSC 1033	MUSC 1313	MUSI 1306
MUSI 1310 American Music						MUSC 1033		MUSI 1310
PHIL 1301 Introduction to Philosophy	PHIL 2350		PHIL 1000	PHIL 2350	PHIL ELECTIVE	PHIL 1033		PHIL 1301
PHIL 2306 Introduction to Ethics	PHIL 2335	PHIL 2306		SLD 1300	PHIL ELECTIVE	PHIL 2033		PHIL 2306
PHYS 1401 College Physics I		PHYS 1401		PHYS 1410	PHYS 2011	PHYS 1144		PHYS 1301 + 1101
PHYS 1402 College Physics II		PHYS 1402		PHYS 1420		PHYS 1244		PHYS 1302 + 1102
PHYS 1403 Stars and Galaxies								
PHYS 1405 Elementary Physics I		PHYS 1405						PHYS 1305 + 1105
PHYS 2425 University Physics I		PHYS 2425			PHYS ELECTIVE	PHYS 1624		PHYS 2425
PSYC 1300 Learning Frameworks								
PSYC 2301 General Psychology	PSYC 2301		PSYC 2000	PSYC 1340	PSY 1410	PSYC 1103	PSYC 1113	PSYC 2301
PSYC 2314 Lifespan Growth & Development	PSYC 2300			PSYC 2360			HDFM 2553	
SGNL 1401 Beginning ASL I	CSD 2350							
SGNL 1402 Beginning ASL II								
SOCI 1301 Introduction to Sociology	SOCI 1301	SOCI 1301	SOCL 2001	SOCI 1310	SOC 1010	SOCL 1133	SOCG 1013	SOC 261
SPCH 1311 Introduction to Speech Communication	COMM 1301		CMST 1061	COMM 1310			SPCH 1003	SPCH 1311
SPCH 1315 Public Speaking	COMM 2301	COMM 1315	CMST 2060	COMM 1310	COMM 2200	SPCH 1133		SPCH 1315
SPCH 1318 Interpersonal Communications		COMM 1318	CMST 2010		COMM 2300	SPCH 2423	SPCH 2103	SPCH 1318
SPCH 1321 Business and Professional Communication		COMM 1321		COMM 2330	COMM ELECTIVE			SPCH 1321
TECA 1354 Child Development						COUN 2023		

** Information Subject to Change.

Colleges*	Southwestern University	St. Edwards University	Stephen F. Austin State	Tarleton State University	Texas Christian University	Texas A&M - College Station	Texas A&M - Commerce
Dual Credit Courses**	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course
ACCT 2301 Principles of Financial Accounting	ACC36-114	ACCT 2301	ACC 231	ACCT 2301	BUSI 10200	ACCT 229	ACCT 221
ACCT 2302 Principles of Managerial Accounting		ACCT 2303	ACC 232	ACCT 2302	BUSI 10200	ACCT 230	ACCT 222
ACNT 1303 Introduction to Accounting							
ARTS 1301 Art Appreciation	ARH71	AHMX 1310	ART 280	ARTS 1301	ARGD 10000		ART 1301
ARTS 1303 Art History I: 14th Century to Present	ARH71	ARTS 2303	ART 281	ARTS 1303	ARGD 10000	ARTS 149	ART 1303
BCIS 1305 Business Computer Applications		LOWER DIV ELECTIVE	CSC 121	BCIS 1305	COSC 10200		MIS 128
BIOL 1322 Nutrition & Diet Therapy		LOWER DIV ELECTIVE		HECO 1322	NTDT 20403	NFSC 202	
BIOL 1406 Biology for Science Majors	BIO50 - 133, 131	BIOL 1307+1107		BIOL 1406	BIOL 10503	BIOL 111	
BIOL 1407 Biology for Science Majors II	BIO50 - 123, 121	BIOL 1308 + 1108		BIOL 1407	BIOL 10513	BIOL 112	
BIOL 1408 Biology for Non-Science Majors	BIO 50	GEN ED NAT SCI LAB/LD ELEC	BIO 121		BIOL 10000	BIOL 113	
BIOL 1409 Biology for Non-Science Majors II	BIO 50	GEN ED NAT SCI LAB/LD ELEC	BIO 123		BIOL 10000		BSC 1409
BIOL 1411 General Botany	BIO 50	GEN ED NAT SCI LAB/LD ELEC	BIO 131		BIOL 10000	BIOL 101	BSC 1411
BIOL 1413 General Zoology	BIO 50	GEN ED NAT SCI LAB/LD ELEC	BIO 133		BIOL 10000	BIOL 107	BSC 1413
BIOL 2401 Anatomy and Physiology I	KIN48-244	BIOL 2401	BIO 238	BIOL 2401	BIOL 20204		BSC 2401
BIOL 2402 Anatomy and Physiology II	KIN48	BIOL 2402	BIO 239	BIOL 2402	BIOL 20214		BSC 2402
BIOL 2404 Introduction to Anatomy & Physiology	KIN48	GEN ED NAT SCI LAB/LD ELEC					
BIOL 2420 Microbiology	KIN48	GEN ED NAT SCI LAB/LD ELEC		BIOL 2420	BIOL 20234	BIOL 206	BSC 254
BMGT 1327 Principles of Management							
BUSG 2309 Small Business Management							
BUSI 1301 Business Principles		BUSI 1301	GBU 147	BUSI 1301	BUSI 10013	MGMT 105	BA 195
BUSI 1307 Personal Finance		FINC 2328		BUSI 1307		FINC 201	FIN 130
CHEM 1405 Chemistry for Non-Science Majors	CHE51 - 14	GEN ED NAT SCI LAB/LD ELEC			CHEM 10000	CHEM 106/116	CHEM 1305/1105
CHEM 1411 General Chemistry I	CHE51 - 103, 101	CHEM 1340 + 1140	CHE 133	CHEM 1411	CHEM 10113	CHEM 119	CHEM 1311/1111
CHEM 1412 General Chemistry II	CHE51 - 203, 201	CHEM 2320 + 2120	CHE 134	CHEM 1412	CHEM 10125	CHEM 120	CHEM 1312/1112
COMM 1307 Introduction to Mass Communication	COM75 - 3	COMM 2307	MCM 101	COMM 1307	JOUR 10500	JOUR 102	JOUR 1307
COSC 1301 Introduction to Computing		LOWER DIV ELECTIVE	CSC 101		COSC 10200		CSCI 126
COSC 1336 Programming Fundamentals		COSC 1305					CSCI 151
COSC 1337 Programming Fundamentals II		COSC 2307					CSCI 152
CRJ 1301 Introduction to Criminal Justice		CRJ 1302	CJS 101	CRJ 1301	CRJ 10500		CJ 101
CRJ 1306 Court Systems and Practices		CRJ 2306		CRJ 1306	CRJ 10200		
CRJ 1310 Fundamentals of Criminal Law		CRJ 1310		CRJ 1310	CRJ 10200		
CRJ 1313 Juvenile Justice System		CRJ 2322			CRJ 10200		
CRJ 2313 Correctional System and Practices		CRJ 2313	CJS 231	CRJ 2313	CRJ 10200		
CRJ 2314 Criminal Investigations		LOWER DIV ELECTIVE	CJS 201	CRJ 2314	CRJ 10200		
CRJ 2328 Police Systems and Practices		CRJ 2328		CRJ 2328	CRJ 10200		CJ 201
DRAM 1310 Introduction to Theater	THE72 - 104	AHMX 1310	THR 161	DRAM 1310	THEA 11003		THE 1310
ECON 2301 Principles of Macroeconomics	ECO31 - 104	ECON 2302	ECO 231	ECON 2301	ECON 10223	ECON 203	ECON 2301
ECON 2302 Principles of Microeconomics		ECON 2301	ECO 232	ECON 2302	ECON 10233	ECON 202	ECON 2302
EDUC 1300 Learning Frameworks		LOWER DIV ELECTIVE					
ENGL 1301 Freshman Composition I	ENG10 - 114	WRIT 1301	ENG 131	ENGL 1301	ENGL 10803	ENGL 103	ENG 1301
ENGL 1302 Freshman Composition II		WRIT 2302	ENG 132	ENGL 1302	ENGL 20803	ENGL 104	ENG 1302
ENGL 2311 Technical and Business Writing		WRIT 2313	ENG 273		ENGL 10200	ENGL 210	
ENGL 2321 British Literature	ENG10 - 3	AHMX 1310			ENGL 20403		
ENGL 2322 British Literature I	ENG10 - 154	ENGL 2322	ENG 221		ENGL 20000	ENGL 231	
ENGL 2326 American Literature	ENG10 - 3	AHMX 1310			ENGL 20503		ENG 2326
ENGL 2328 American Literature II: Civil War-Present	ENG10 - 3	ENGL 2302	ENG 230		ENGL 20000	ENGL 228	
ENVR 1101 Environmental Science Lab	BIO50 - 1	GEN ED NAT SCI LAB/LD ELEC		GEOL 1407			
ENVR 1102 Environmental Science Lab II	BIO50 - 1	GEN ED NAT SCI LAB/LD ELEC					
ENVR 1301 Environmental Science	BIO50 - 3	ENSP 2324	ENG 110	GEOL 1407			ENVS 1301
ENVR 1302 Environmental Science II	BIO50 - 3	GEN ED NAT SCI LAB/LD ELEC					
FREN 1411 Beginning French I	FRE11 - 144	GEN ED MODEN LANGUAGE	FRE 131/131L	FREN 1411	FREN 10153	FREN 101	FRE 131
FREN 1412 Beginning French II	FRE11 - 154	GEN ED MODEN LANGUAGE	FRE 132/132L	FREN 1412	FREN 10163	FREN 102	FRE 132
GEOL 1101 Earth Sciences I for Non-Majors Lab	PHYS3 - 1	GEN ED NAT SCI LAB/LD ELEC					
GEOL 1301 Earth Sciences I for Non-Majors	PHYS3 - 3	GEN ED NAT SCI LAB/LD ELEC					
GEOL 1401 Earth Science & Lab I for Non-Majors	PHYS3 - 4	GEN ED NAT SCI LAB/LD ELEC			GEOL 10000		
GEOL 1403 Physical Geology with Lab	PHYS3 - 4	GEN ED NAT SCI LAB/LD ELEC		GEOL 1403	GEOL 10000	GEOL 101/102	ESCI 1403
GOVT 2305 Federal Government	PSC32 - 114	POLS 1305		GOVT 2305	POSC 10000	POLS 206	PSCI 220
GOVT 2306 Texas Government	PSC32 - 3	POLS 1306		GOVY 2306	POSC 10000	POLS 207	PSCI 221
HIST 1301 United States History I	HIS16 - 3	HIST 1301	HIS 133	HIST 1301	HIST 10603	HIST 105	HIST 1301
HIST 1302 United States History II	HIS16 - 3	HIST 1302	HIS 134	HIST 1302	HIST 10613	HIST 106	HIST 1302
HIST 2321 World Civilizations I	HIS16 - 14	HIST 2321	HIS 161	HIST 2321	HIST 10000	HIST 103	
HIST 2322 World Civilizations II	HIS16 - 24	HIST 2329	HIS 162	HIST 2322	HIST 10000	HIST 104	
HPRS 1206 Essential to Medical Terminology							
HUMA 1301 Introduction to Humanities		AHMX 1310			HUMA 10000		
MATH 1314 College Algebra		MATH 1314	MTH 138	MATH 1314	MATH 10200	MATH 102	MATH 1314
MATH 1316 Plane Trigonometry		GEN ED QUANT. REASONING ELEC	MTH 133	MATH 1316	MATH 10054		
MATH 1324 Math for Business & Social Science	BUS30 - 154	MATH 1324	MTH 143	MATH 1324	MATH 10273	MATH 140	MATH 1324
MATH 1325 Calculus for Business & Social Science	BUS30 - 154	MATH 1325	MTH 144	MATH 1325	MATH 10283	MATH 142	MATH 176
MATH 1332 Contemporary Math	MAT52 - 104	GEN ED QUANT. REASONING ELEC	MTH 110	MATH 1332	MATH 10033		
MATH 1342 Elementary Statistical Methods	MAT52 - 114	GEN ED QUANT. REASONING ELEC	MTH 220	MATH 1342	MATH 10043	STAT 201	
MATH 2412 Pre-Calculus Mathematics	MAT52 - 124	MATH 2312	MTH 140	MATH 2412	MATH 10200	MATH 150	
MATH 2413 Calculus I	MAT52 - 154	MATH 2313	MTH 233	MATH 2413	MATH 10524	MATH 151	MATH 2413
MATH 2414 Calculus II	MAT52 - 254	MATH 2314	MTH 234	MATH 2414	MATH 20524	MATH 152	MATH 192
MRKG 1311 Principles of Marketing					BUSI 10200		
MUSI 1306 Music Appreciation	MUL80 - 104	AHMX 1310	MUS 140	MUSI 1306	MUSI 10053	MUS 201	
MUSI 1310 American Music	MUL80 - 3	AHMX 1310		MUSI 1310	MUSI 10033		MUSI 1310
PHIL 1301 Introduction to Philosophy	PHI18 - 3	PHIL 1301	PHI 153	PHIL 1301	PHIL 10000	PHIL 251	PHIL 1301
PHIL 2306 Introduction to Ethics	PHI13 - 164	PHIL 2329	PHI 223		PHIL 10200	PHIL 111	
PHYS 1401 College Physics I	PHYS3 - 4	PHYS 2320 + 2125		PHYS 1401	PHYS 10154	PHYS 201	PHYS 1301/1101
PHYS 1402 College Physics II	PHYS3 - 4	PHYS 2321 + 2126		PHYS 1402	PHYS 10164	PHYS 202	PHYS 1302/1102
PHYS 1403 Stars and Galaxies	PHYS3 - 54	ASTR 1311 + 1111		PHYS 1403	PHYS 10000	ASTR 111	
PHYS 1405 Elementary Physics I	PHYS3 - 4	GEN ED NAT SCI LAB/LD ELEC			PHYS 10000		
PHYS 2425 University Physics I	PHY53 - 154	PHY 2425		PHYS 2425	PHYS 20474		PHYS 2425
PSYC 1300 Learning Frameworks		LOWER DIV ELECTIVE					
PSYC 2301 General Psychology	PSY33 - 104	PSYC 2301	PSY 133	PSYC 2301	PSYC 10500	PSYC 107	PSY 1301
PSYC 2314 Lifespan Growth & Development	PSY33 - 344	PSYC 2349		PSYC 2314	NURS 10303		
SGNL 1401 Beginning ASL I	FLN21 - 144	LOWER DIV ELECTIVE			COSD 10200		
SGNL 1402 Beginning ASL II	FLN21 - 154	LOWER DIV ELECTIVE			COSD 10200		
SOCI 1301 Introduction to Sociology	SOC34 - 3	SOCI 1301	SOC 137	SOCI 1301	SOCI 10500	SOCI 205	SOC 1301
SPCH 1311 Introduction to Speech Communication		COMM 1306		COMM 1311	COMM 10123	COMM 101	SPC 111
SPCH 1315 Public Speaking	COM75 - 3	COMM 1317	COM 111	COMM 1315	COMM 10123	COMM 203	SPC 1315
SPCH 1318 Interpersonal Communications	COM75 - 3	COMM 2312	COM 170		COMM 20113		
SPCH 1321 Business and Professional Communication		BUSI 2321		COMM 1321	COMM 10123		SPC 1321
TECA 1354 Child Development		LOWER DIV ELECTIVE		TECA 1354	EDUC 10200		

** Information Subject to Change.

Colleges*	Texas A&M International	Texas Southern University	Texas State University	Texas Tech University	University of Alabama Birmingham	University of Arkansas	University of Mary Hardin-Baylor
Dual Credit Courses**	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course
ACCT 2301 Principles of Financial Accounting	ACC 2301	ACCT 231	ACC 2361	ACCT 2300		ACCT 2013	BACC 2311
ACCT 2302 Principles of Managerial Accounting	ACC 2302	ACCT 232	ACC2362	ACCT 2301	AC 210 + AC 197	ACCT 2023	BACC 2312
ACNT 1303 Introduction to Accounting						ACCT 199T	
ARTS 1301 Art Appreciation	ARTS 1301			ART 1309	ARH 151	ARHS 1003	ARTS 1350
ARTS 1303 Art History I: 14th Century to Present	ARTS 1303	ART 136	ARTS 2301	ARTH 1301		ARHS 2913	ARTS 2351
BCIS 1305 Business Computer Applications	MIS 1305		CIS 1323	ISQS 2340	CS 102	ISYS 1123	BCIS 1301
BIOL 1322 Nutrition & Diet Therapy			NUTR 2360	NS 1325	NHM 101	NUTR 1213	
BIOL 1406 Biology for Science Majors				BIOL 1403	BSC 114 + BSC 115	BIOL 1543 + 1541L	BIOL 1350/1150
BIOL 1407 Biology for Science Majors II				BIOL 1404	BSC 116 + BSC 117	BIOL 199TT	BIOL 1360/1160
BIOL 1408 Biology for Non-Science Majors		BIOL 143			BSC 108	BIOL 1543 + 1541L	
BIOL 1409 Biology for Non-Science Majors II			BIO 1321			BIOL 199TT	
BIOL 1411 General Botany				BIOL 1401	GEN STUDY NAT SCIENCE ELECT	BIOL 1613 + 1611L	
BIOL 1413 General Zoology	BIOL 1413			BIOL 1402		BIOL 1603 + 1601L	
BIOL 2401 Anatomy and Physiology I		BIOL 135	BIO 2451	ZOOL 2403	BSC 215	BIOL 2443	BIOL 2340/2140
BIOL 2402 Anatomy and Physiology II		BIOL 136	BIO 2352	ZOOL 2404	BSC 216	BIOL 2213	BIOL 2341/2141
BIOL 2404 Introduction to Anatomy & Physiology			BIO 2430		BSC 197	BIOL 299T	
BIOL 2420 Microbiology	BIOL 2415	BIOL 246	BIO 2440		BSC 242	BIOL 299T	
BMGT 1327 Principles of Management					MGT 197	MGMT 199T	
BUSG 2309 Small Business Management							
BUSI 1301 Business Principles		BADM 101	BA 2310	BA 1101	GBA 197	WCOB 199T	BADM 1301
BUSI 1307 Personal Finance						FINN 199T	BADM 2311
CHEM 1405 Chemistry for Non-Science Majors					CH 104	CHEM 199T	CHEM 1441
CHEM 1411 General Chemistry I					CH 101	CHEM 1103 + 1101L	CHEM 1410
CHEM 1412 General Chemistry II						CHEM 1123 + 1121L	CHEM 1420
COMM 1307 Introduction to Mass Communication			MC 1301	MCOM 1300	MC 101		COMM 2320
COSC 1301 Introduction to Computing		CS 116	CS 1308		CS 197	CSCE 199T	
COSC 1336 Programming Fundamentals	COSC 1336	CS 120	CS 1319	CS 1411		CSCE 199T	
COSC 1337 Programming Fundamentals II		CS 140		CS 1412		CSCE 199T	
CRJ 1301 Introduction to Criminal Justice	CRJ 1301	AJ 105	CJ 1310			CRIM 199T	
CRJ 1306 Court Systems and Practices	CRJ 1306		CJ 2350			CRIM 299T	
CRJ 1310 Fundamentals of Criminal Law	CRJ 2329		CJ 2360				
CRJ 1313 Juvenile Justice System						CRIM 199T	
CRJ 2313 Correctional System and Practices	CRJ 2313		CJ 2355			CRIM 299T	
CRJ 2314 Criminal Investigations			CJ 2328			CRIM 299T	
CRJ 2328 Police Systems and Practices	CRJ 2328						
DRAM 1310 Introduction to Theater	THAR 1310	THC 130		THA 2303		THTR 199T	THEA 2350
ECON 2301 Principles of Macroeconomics	ECO 2301	ECON 231	ECON 2315	ECO 2302	EC 111	ECON 2013	BECO 2311
ECON 2302 Principles of Microeconomics	ECO 2302	ECON 232	ECON 2314	ECO 2301	EC 110	ECON 2023	BECO 2312
EDUC 1300 Learning Frameworks			EDP 1350		GEC 197		
ENGL 1301 Freshman Composition I	ENGL 1301	ENG 131	ENG 1310	ENGL 1301	EN 101	ENGL 1013	ENGL 1321
ENGL 1302 Freshman Composition II	ENGL 1302	ENG 132	ENG 1320	ENGL 1302	EN 102	ENGL 1023	ENGL 1322
ENGL 2311 Technical and Business Writing	ENGL 2311			ENGL 2311	EN 197		
ENGL 2321 British Literature					GEN STUDY LITERATURE ELECT	ENGL 299T	
ENGL 2322 British Literature I	ENGL 2322		ENG 2310	ENGL 2323	EN 205	ENGL 299T	ENGL 2321
ENGL 2326 American Literature					EN 197	ENGL 2343	
ENGL 2328 American Literature II: Civil War-Present	ENGL 2328	ENG 235	ENG 2360	ENGL 2326	EN 210	ENGL 2353	
ENVR 1101 Environmental Science Lab	ENSC 1101			BIOL 1113	GEO 105	ENCS 1001L	
ENVR 1102 Environmental Science Lab II					GEN STUDY NAT SCIENCE ELECT	ENSC 1001L	
ENVR 1301 Environmental Science	ENSC 1301			BIOL 1305	GEO 105	ENSC 1003	
ENVR 1302 Environmental Science II					GEN STUDY NAT SCIENCE ELECT	ENSC 1003	
FREN 1411 Beginning French I	FREN 1311	FR 131	FR 1410	FREN 1501		FREN 1003	FREN 1410
FREN 1412 Beginning French II	FREN 1312	FR 132	FR 1420	FREN 1502		FREN 1003	FREN 1420
GEOL 1101 Earth Sciences I for Non-Majors Lab	EPSC 1170						
GEOL 1301 Earth Sciences I for Non-Majors	EPSC 1370						
GEOL 1401 Earth Science & Lab I for Non-Majors							
GEOL 1403 Physical Geology with Lab		GEOL 141	GEOL 1410			GEOS 1113 + 1111L	GEOL 1401
GOVT 2305 Federal Government	PSCI 2305		POSI 2320	POLS 1301	PSC 101	PLSC 2003	
GOVT 2306 Texas Government	PSCI 2306		POSI 2310	POLS 1302	PSC 197	PLSC 299T	
HIST 1301 United States History I	HIST 1301	HIST 231	HIST 1310	HIST 2300	HY 103	HIST 2003	HIST 2311
HIST 1302 United States History II	HIST 1302	HIST 232	HIST 1320	HIST 2301	HY 104	HIST 2013	HIST 2312
HIST 2321 World Civilizations I	HIST 2321		HIST 2311	HIST 2322		HIST 1113	
HIST 2322 World Civilizations II	HIST 2322		HIST 2312	HIST 2323	HY 102	HIST 1123	
HPRS 1206 Essential to Medical Terminology					HD 203	PBHL 199T	
HUMA 1301 Introduction to Humanities		MUSIC 239		HUM 2301			
MATH 1314 College Algebra	MATH 1314	MATH 133	MATH 1315	MATH 1320	MATH 112	MATH 1203	MATH 1306
MATH 1316 Plane Trigonometry	MATH 1316	MATH 134	MATH 1317	MATH 1321	MATH 113	MATH 1213	MATH 1307
MATH 1324 Math for Business & Social Science	MATH 1324		MATH 1319	MATH 1330	MATH 112	MATH 2053	BQBA 2301
MATH 1325 Calculus for Business & Social Science	MATH 1325	MATH 135	MATH 1329	MATH 1331	MATH 121	MATH 2043	
MATH 1332 Contemporary Math	MATH 1332		MATH 1316	MATH 1300	MATH 110	MATH 1313	MATH 1304
MATH 1342 Elementary Statistical Methods	MATH 1342	MATH 231	MATH 2328	MATH 2300	ST 260	STA 2303	MATH 2303
MATH 2412 Pre-Calculus Mathematics	MATH 2412		MATH 2417	MATH 1350	MATH 112 + MATH 197	MATH 199T	
MATH 2413 Calculus I	MATH 2413	MATH 241	MATH 2471	MATH 1451	MATH 125	MATH 2554	
MATH 2414 Calculus II	MATH 2414	MATH 242	MATH 2472	MATH 1452	MATH 126	MATH 2564	
MRKG 1311 Principles of Marketing					MKT 197	MKTG 199T	
MUSI 1306 Music Appreciation	MUSI 1306			MUHL 1308		MLIT 1003	MUSI 1340
MUSI 1310 American Music	MUSI 1310					MLIT 1003	
PHIL 1301 Introduction to Philosophy	PHIL 1301	PHIL 231	PHIL 1305	PHIL 2300	PHL 100	PHIL 2003	PHIL 2315
PHIL 2306 Introduction to Ethics	PHIL 2306		PHIL 1320	PHIL 2320	PHL 292	PHIL 2103	
PHYS 1401 College Physics I				PHYS 1403	PH 101		PHYS 2411
PHYS 1402 College Physics II				PHYS 1404	PH 102		PHYS 2412
PHYS 1403 Stars and Galaxies			PHYS 1350	ASTR 1401			
PHYS 1405 Elementary Physics I				PHYS 1401	PH 197	PHYS 199T	
PHYS 2425 University Physics I	PHYS 2325		PHYS 1430	PHYS 1408	PH 105	PHYS 2054	PHYS 2421
PSYC 1300 Learning Frameworks					NEW 122 + NEW 197	NOTR 9999	
PSYC 2301 General Psychology	PSYC 2301	PSY 131	PSY 1300	PSY 1300	PY 101	PSYC 2003	PSYC 1301
PSYC 2314 Lifespan Growth & Development	PSYC 2314			HDFS 2303	HD 101	HDFS 1403	PSYC 2311
SGNL 1401 Beginning ASL I			ASL 1410	ASL 1301	GEC 197		SGNL 1410
SGNL 1402 Beginning ASL II			ASL 1420	ASL 1302			SGNL 1420
SOCI 1301 Introduction to Sociology	SOCI 1301	SOC 157	SOCL 1310	SOC 1301	SOC 101	SOC 2013	SOCI 1311
SPCH 1311 Introduction to Speech Communication	COMM 1311	SC 131	COMM 1310	COMS 1300	COM 197	COMM 1313	COMM 1315
SPCH 1315 Public Speaking	COMM 1315	SC 136	CINN 2338	COMS 2300	COM 123	COMM 1313	COMM 1320
SPCH 1318 Interpersonal Communications	COMM 2318	SC 232	COMM 2315	COMS 1301	COM 220	COMM 2323	
SPCH 1321 Business and Professional Communication		SC 135			COM 225	COMM 199T	
TECA 1354 Child Development	EDYC 2324				HD 197		

** Information Subject to Change.

Colleges*	University of Houston	University of Mississippi	University of North Texas	University of Oklahoma	University of Texas Arlington	University of Texas Austin	University of Texas Dallas
Dual Credit Courses**	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course
ACCT 2301 Principles of Financial Accounting	ACCT 2331	ACCY 201	ACCT 2010	ACCT 2113	ACCT 2301	ACC 311	ACCT 2301
ACCT 2302 Principles of Managerial Accounting	ACCT 2332	SCCY 202	ACCT 2020	ACCT 1999	ACCT 2302	ACC 312	ACCT 2302
ACNT 1303 Introduction to Accounting				ACCT 1999			
ARTS 1301 Art Appreciation		AH 101	ART 1300	AHI 1113	ART 1301	ARH 301	ARTS 1301
ARTS 1303 Art History I: 14th Century to Present	ARTH 1380	AH 201	ART 2350	AHI 2213	ART 1309	ARH 302	AHST 1303
BCIS 1305 Business Computer Applications			BCIS 2610	BC 1999	INSY 2303	MIS 310	
BIOL 1322 Nutrition & Diet Therapy				HES 2823	BIOL 1301	NTR 306	
BIOL 1406 Biology for Science Majors				BIOL 1005	BIOL 1441		
BIOL 1407 Biology for Science Majors II				BIOL 1999	BIOL 1442		
BIOL 1408 Biology for Non-Science Majors		BISC 160/161	BIOL 1112	BIOL 1005		BIO 301L + 1 LAB	
BIOL 1409 Biology for Non-Science Majors II				BIOL 1999		BIO 301M + 1 LAB	
BIOL 1411 General Botany		BISC 162/163		PBIO 1114			
BIOL 1413 General Zoology			BIOL 1112	BIOL 1013			
BIOL 2401 Anatomy and Physiology I		BISC 206		BIOL 2234	BIOL 2457	BIO 416K	
BIOL 2402 Anatomy and Physiology II		BISC 287		BIOL 2124	BIOL 24658	BIO 416L	
BIOL 2404 Introduction to Anatomy & Physiology		BISC 2XX		BIOL 1999	BIOL 2460		
BIOL 2420 Microbiology				NBIO 2815			
BMGT 1327 Principles of Management							
BUSG 2309 Small Business Management							
BUSI 1301 Business Principles		BUS 1XX		TRF 1999	BUSA 2304		
BUSI 1307 Personal Finance		UM 1XX		BAD 1999			
CHEM 1405 Chemistry for Non-Science Majors		CHEM 101		CHEM 1405			
CHEM 1411 General Chemistry I		CHEM 105/115			CHEM 1441	CH 301 + 104M	
CHEM 1412 General Chemistry II		CHEM 106/116		CHEM 1415	CHEM 1442	CH 302 + 104N	
COMM 1307 Introduction to Mass Communication	COMM 1301		JOUR 1210	TRF 1999	COMM 1300	RTF 305	
COSC 1301 Introduction to Computing		CSCI 103		TRF 1999	CSE 1301		
COSC 1336 Programming Fundamentals	COSC 1306			CS 1999			CS 1336
COSC 1337 Programming Fundamentals II			CSCE 1040				CS 1337
CRJU 1301 Introduction to Criminal Justice			CJUS 2100	TRF 1999	CRCJ 2334		CRIM 1301
CRJU 1306 Court Systems and Practices				TRF 1999			CRIM 2317
CRJU 1310 Fundamentals of Criminal Law				TRF 1999			CRIM 2306
CRJU 1313 Juvenile Justice System				TRF 1999			CRIM 2308
CRJU 2313 Correctional System and Practices				TRF 1999			CRIM 2316
CRJU 2314 Criminal Investigations				TRF 1999	CRCJ 2340		
CRJU 2328 Police Systems and Practices				TRF 1999			CRIM 2313
DRAM 1310 Introduction to Theater	THEA 1331	THEA 201	THEA 1340	DRAM 1713	THEA 1343	TD 301	THEA 1310
ECON 2301 Principles of Macroeconomics	ECON 2305	ECON 203	ECON 1110	ECON 1113	ECON 2305	ECO 304L	ECON 2301
ECON 2302 Principles of Microeconomics	ECON 2304	ECON 202	ECON 1100	ECON 1123	ECON 2306	ECO 304K	ECON 2302
EDUC 1300 Learning Frameworks							
ENGL 1301 Freshman Composition I	ENGL 1303	WRIT 101	ENGL 1310	ENGL 1113	ENGL 1301	RHE 306	
ENGL 1302 Freshman Composition II	ENGL 1304	WRIT 102	ENGL 1320	ENGL 1213	ENGL 1302	RHE 309K	PHET 1302
ENGL 2311 Technical and Business Writing			TECM 2700	TRF 1999	ENGL 2338	RHE 317	
ENGL 2321 British Literature				ENGL 1999	ENGL 2319	E 316L	
ENGL 2322 British Literature I	ENGL 2303	ENG 225	ENGL 2322	ENGL 2543		E 316L	
ENGL 2326 American Literature				ENGL 1999	ENGL 2326	E 316M	
ENGL 2328 American Literature II: Civil War-Present		ENG 224	ENGL 2328	ENGL 2883		E 316M	
ENVR 1101 Environmental Science Lab				BIOL 2404			
ENVR 1102 Environmental Science Lab II				CEES 1999			
ENVR 1301 Environmental Science				BIOL 1999			
ENVR 1302 Environmental Science II				CEES 1999			
FREN 1411 Beginning French I		FR 101	FREN 1010		FREN 1441	FR 406	
FREN 1412 Beginning French II		FR 102	FREN 1020		FREN 1442	FR 407	
GEO 1101 Earth Sciences I for Non-Majors Lab							
GEO 1301 Earth Sciences I for Non-Majors						GEO 302K	
GEO 1401 Earth Science & Lab I for Non-Majors			GEOG 1710			GEO 302K + 1 LAB	
GEO 1403 Physical Geology with Lab			GEOG 1610	GEO 1114		GEO 401	
GOVT 2305 Federal Government	POLS 1337	POL 101	PSCI 2305	PSC 1113	POLS 2311	GOV 305	GOVT 2305
GOVT 2306 Texas Government	POLS 1336	POL 3XX	PSCI 1040	PSC 1999	POLS 2312	GOV 31X	GOVT 2306
HIST 1301 United States History I	HIST 1377	HIST 130	HIST 2610	HIST 1483	HIST 1301	HIS 315K	HIST 1301
HIST 1302 United States History II	HIST 1378	HIST 131	HIST 2620	HIST 1493	HIST 1302	HIS 315L	HIST 1302
HIST 2321 World Civilizations I	HIST 2361	HIST 120	HIST 1050	HIST 1913		HIS 301F	
HIST 2322 World Civilizations II	HIST 2363	HIST 121	HIST 1060	HIST 1923		HIS 301J	
HPRS 1206 Essential to Medical Terminology							
HUMA 1301 Introduction to Humanities		LIBA 202		TRF 1999	HUMA 2301		HUMA 1301
MATH 1314 College Algebra	MATH 1310	MATH 121	MATH 1100	MATH 1503	MATH 1302	M 301	MATH 1314
MATH 1316 Plane Trigonometry		MATH 123	MATH 1600	MATH 1523	MATH 1303	M 304E	MATH 1316
MATH 1324 Math for Business & Social Science	MATH 1313	MATH 1XX	MATH 1180	MATH 1743	MATH 1315	M 303D	
MATH 1325 Calculus for Business & Social Science	MATH 1314	MATH 267	MATH 1190	MATH 2123	MATH 1316	M 303K	MATH 1325
MATH 1332 Contemporary Math	MATH 1311		MATH 1580	MATH 1473	MATH 1301	M 302	
MATH 1342 Elementary Statistical Methods	MATH 2311	MATH 115	NATH 1650	ECON 2843	MATH 1308	SDS 301	STAT 1342
MATH 2412 Pre-Calculus Mathematics	MATH 1330	MATH 125	MATH 1650	MATH 1503	MATH 1324	M 405G	
MATH 2413 Calculus I	MATH 1431	MATH 261	MATH 1710	MATH 1823	MATH 1426	M 408K	MATH 2413
MATH 2414 Calculus II	MATH 1432			MATH 2433	MATH 2425	M 408L	MATH 2414
MRKG 1311 Principles of Marketing				MKT 1999			
MUSI 1306 Music Appreciation		MUS 103	MUMH 2040	MUNM 1113	MUSI 1300	MUS 302L	MUSI 1306
MUSI 1310 American Music				MUNM 1143		MUS 307	
PHIL 1301 Introduction to Philosophy	PHIL 1301	PHIL 101	PHIL 1050	PHIL 1013	PHIL 2300	PHL 301	
PHIL 2306 Introduction to Ethics	PHIL 1305		PHIL 1400	PHIL 1213	PHIL 2312	PHL 318	PHIL 1306
PHYS 1401 College Physics I				PHYS 2414 + PHYS 1311	PHYS 1441	PHY 302K + 102M	
PHYS 1402 College Physics II				PHYS 2424	PHYS 1442	PHY 302L + 102N	
PHYS 1403 Stars and Galaxies			PHYS 1062			AST 301 + 103L	
PHYS 1405 Elementary Physics I				PHYS 1999		PHY 309K + 1 LAB	
PHYS 2425 University Physics I				PHYS 1311	PHYS 1443	PHY 303K + 103M	
PSYC 1300 Learning Frameworks							
PSYC 2301 General Psychology	PSYC 1300	PSY 201	PSYC 1630	PSY 1113	PSYC 1315	PSY 301	PSY 2301
PSYC 2314 Lifespan Growth & Development		PSY 301		PSY 2603			PSY 2314
SGNL 1401 Beginning ASL I				TRF 1999	MODL 1441	ASL 406	
SGNL 1402 Beginning ASL II				TRF 1999	MODL 1442	ASL 407	
SOCI 1301 Introduction to Sociology	SOC 1300	SOC 101	SOCI 1510	SOC 1113	SOCI 1311	SOC 302	SOC 1301
SPCH 1311 Introduction to Speech Communication		UM 1XX	COMM 1010	COMM 1113			COMM 1311
SPCH 1315 Public Speaking	COMM 1332	SPCH 102	COMM 2040	COMM 2613	COMS 1301	CMS 305	COMM 1315
SPCH 1318 Interpersonal Communications	COMM 1333	UM 1XX	COMM 2020	COMM 2213		CMS 315M	COMM 1318
SPCH 1321 Business and Professional Communication				TRF 1999	COMS 12305	CMS 306M	
TECA 1354 Child Development			HDFS 1013			HDF 313	

** Information Subject to Change.

Colleges*	University of Texas Permian Basin	University at Texas San Antonio	University of Texas Tyler	Texas A&M - Corpus Christi	Texas A&M - Texarkana	West Texas A&M
Dual Credit Courses**	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course	Equivalent Course
ACCT 2301 Principles of Financial Accounting	ACCT 2301	ACC 2013	ACCT 2301	ACCT 2301	ACCT 2301	ACCT 2301
ACCT 2302 Principles of Managerial Accounting	ACCT 2302	ACC 2033	ACCT 2302	ACCT 2302	ACCT 2302	ACCT 2302
ACNT 1303 Introduction to Accounting						
ARTS 1301 Art Appreciation	ARTS 1301	ART 1103	ART 1301	ARTS 1301	ARTS 1301	
ARTS 1303 Art History I: 14th Century to Present	ARTS 1303	AHC 1113	ART 2303	ARTS 1303		ARTS 1303
BCIS 1305 Business Computer Applications		IS 1403	COSC 1307	MISY 2305	BCIS 1305	
BIOL 1322 Nutrition & Diet Therapy		BIO 2043	BIOL 1302		HSCI 1322	
BIOL 1406 Biology for Science Majors	BIOL 1306/1106	BIO 1404		BIOL 1406		BIOL 1406
BIOL 1407 Biology for Science Majors II	BIOL 1307/1107	BIO 1414		BIOL 1407		BIOL 1407
BIOL 1408 Biology for Non-Science Majors	BIOL 1308/1108					BIOL 1408
BIOL 1409 Biology for Non-Science Majors II						BIOL 1409
BIOL 1411 General Botany						BIOL 1411
BIOL 1413 General Zoology						BIOL 1413
BIOL 2401 Anatomy and Physiology I				BIOL 2401	BIOL 2401	BIOL 2401
BIOL 2402 Anatomy and Physiology II				BIOL 2402	BIOL 2402	BIOL 2402
BIOL 2404 Introduction to Anatomy & Physiology						
BIOL 2420 Microbiology				BIOL 2420	BIOL 2405	BIOL 2420
BMGT 1327 Principles of Management						
BUSG 2309 Small Business Management						
BUSI 1301 Business Principles			BUSI 1301		BUSI 1301	BUSI 1301
BUSI 1307 Personal Finance				FINA 1307		FIN 1307
CHEM 1405 Chemistry for Non-Science Majors		CHE 1004				CHEM 1405
CHEM 1411 General Chemistry I	CHEM 1311/1111			CHEM 1411		CHEM 1411
CHEM 1412 General Chemistry II	CHEM 1312/1112			CHEM 1412		CHEM 1412
COMM 1307 Introduction to Mass Communication		COM 2343	MCOM 2307		MCOM 1307	MCOM 1307
COSC 1301 Introduction to Computing	COSC 1301	CRJ 1113	COSC 1301	COSC 1315		CIDM 1301
COSC 1336 Programming Fundamentals		CRJ 2813				
COSC 1337 Programming Fundamentals II						
CRIJ 1301 Introduction to Criminal Justice	CRIJ 2336		CRIJ 1301	CRIJ 1301	CJ 1301	CRIJ 1301
CRIJ 1306 Court Systems and Practices				CRIJ 1306		CRIJ 1306
CRIJ 1310 Fundamentals of Criminal Law				CRIJ 1310		CRIJ 1310
CRIJ 1313 Juvenile Justice System						
CRIJ 2313 Correctional System and Practices		CRJ 2513		CRIJ 2313		
CRIJ 2314 Criminal Investigations		CRJ 2213				
CRIJ 2328 Police Systems and Practices				CRIJ 2328		CRIJ 2328
DRAM 1310 Introduction to Theater	DRAM 1310		THTR 1301	THEA 1310	DRAM 1310	THRE 1310
ECON 2301 Principles of Macroeconomics	ECON 2301	ECO 2013	ECON 2301	ECON 2301	ECON 2301	ECON 2301
ECON 2302 Principles of Microeconomics	ECON 2302	ECO 2023	ECON 2302	ECON 2302	ECON 2302	ECON 2302
EDUC 1300 Learning Frameworks						
ENGL 1301 Freshman Composition I	ENGL 1301	WRC 1013	ENGL 1301	ENGL 1301	ENGL 1301	ENGL 1301
ENGL 1302 Freshman Composition II	ENGL 1302	WRC 1023	ENGL 1302	ENGL 1302	ENGL 1302	ENGL 1302
ENGL 2311 Technical and Business Writing		ENG 2413	ENGL 2311			ENGL 2311
ENGL 2321 British Literature					ENGL 2321	ENGL 2321
ENGL 2322 British Literature I	ENGL 2322	ENG 2223	ENGL 2322			
ENGL 2326 American Literature			ENGL 2350		ENGL 2326	ENGL 2326
ENGL 2328 American Literature II: Civil War-Present	ENGL 2328	RNG 2293				
ENVR 1101 Environmental Science Lab						
ENVR 1102 Environmental Science Lab II						
ENVR 1301 Environmental Science		ES 2013				
ENVR 1302 Environmental Science II		ES 2023				
FREN 1411 Beginning French I		FRN 1014	FREN 1411			FREN 1411
FREN 1412 Beginning French II		FRN 1024	FREN 1412			FREN 1412
GEOL 1101 Earth Sciences I for Non-Majors Lab						
GEOL 1301 Earth Sciences I for Non-Majors		GEO 1103				
GEOL 1401 Earth Science & Lab I for Non-Majors						GEOL 1401
GEOL 1403 Physical Geology with Lab	GEOL 1301/1101			GEOL 1403	EOL 1403	GEOL 1403
GOVT 2305 Federal Government	PSLC 2305	POL 1013	POLS 2305	POLS 2305		POSC 2305
GOVT 2306 Texas Government	PSLC 2306	POL 1133	POLS 2306	POLS 2306		POSC 2306
HIST 1301 United States History I	HIST 1301	HIS 1043	HIST 1301	HIST 1301	HIST 1301	HIST 1301
HIST 1302 United States History II	HIST 1302	HIS 1053	HIST 1302	HIST 1302	HIST 1302	HIST 1302
HIST 2321 World Civilizations I	HIST 2321	HIS 2123	HIST 2321		HIST 2321	HIST 2321
HIST 2322 World Civilizations II	HIST 2322	HIS 2133	HIST 2322		HIST 2322	HIST 2322
HPRS 1206 Essential to Medical Terminology						
HUMA 1301 Introduction to Humanities		HUM 2023			HUMA 1301	
MATH 1314 College Algebra	MATH 1314	MAT 1073	MATH 1314	MATH 1314	MATH 1314	MATH 1314
MATH 1316 Plane Trigonometry			MATH 1316	MATH 1316	MATH 1316	MATH 1316
MATH 1324 Math for Business & Social Science	MATH 1324	MAT 1053	MATH 1324	MATH 1324	MATH 1324	MATH 1324
MATH 1325 Calculus for Business & Social Science		MAT 1133	MATH 1325	MATH 1325	MATH 1325	MATH 1325
MATH 1332 Contemporary Math	MATH 1332	MAT 1043	MATH 1332	MATH 1332	MATH 1332	
MATH 1342 Elementary Statistical Methods		STA 1053	MATH 1342		MATH 1342	
MATH 2412 Pre-Calculus Mathematics	MATH 2412				MATH 2412	
MATH 2413 Calculus I	MATH 2413	MAT 1214	MATH 2413	MATH 2413	MATH 2413	MATH 2413
MATH 2414 Calculus II	MATH 2414	MAT 1224	MATH 2414	MATH 2414	MATH 2414	MATH 2414
MRKG 1311 Principles of Marketing						
MUSI 1306 Music Appreciation	MUSI 1306	MUS 2683		MUSI 1306	MUSI 1306	MUSI 1306
MUSI 1310 American Music		MUS 2633	MUSI 1306			
PHIL 1301 Introduction to Philosophy	PHIL 2300	PHI 2013	PHIL 1301	PHIL 1301		PHIL 1301
PHIL 2306 Introduction to Ethics			PHIL 2306			
PHYS 1401 College Physics I	PHYS 1301/1101			PHYS 1401		PHYS 1401
PHYS 1402 College Physics II	PHYS 1302/1102			PHYS 1402		PHYS 1402
PHYS 1403 Stars and Galaxies						
PHYS 1405 Elementary Physics I						
PHYS 2425 University Physics I				PHYS 2425		PHYS 2425
PSYC 1300 Learning Frameworks						
PSYC 2301 General Psychology	PSYC 1301	PSY 1013	PSYC 2301	PSYC 2301	PSYC 2301	PSYC 2301
PSYC 2314 Lifespan Growth & Development		PSY 2503	PSYC 2320	PSYC 2314	PSYC 2314	PSYC 2314
SGNL 1401 Beginning ASL I						
SGNL 1402 Beginning ASL II						
SOCI 1301 Introduction to Sociology	SOCI 1301	SOC 1013	SOCI 1301	SOCI 1301	SOCI 1301	SOCI 1301
SPCH 1311 Introduction to Speech Communication	COMM 1311	COM 1043	SPCM 1311	COMM 1311		
SPCH 1315 Public Speaking	COMM 1315	COM 2113	SPCM 1315	COMM 1315	SPCH 1315	COMM 1315
SPCH 1318 Interpersonal Communications	COMM 1318		SPCM 2318	COMM 1318		COMM 1318
SPCH 1321 Business and Professional Communication		COM 1053				COMM 1321
TECA 1354 Child Development						

** Information Subject to Change.

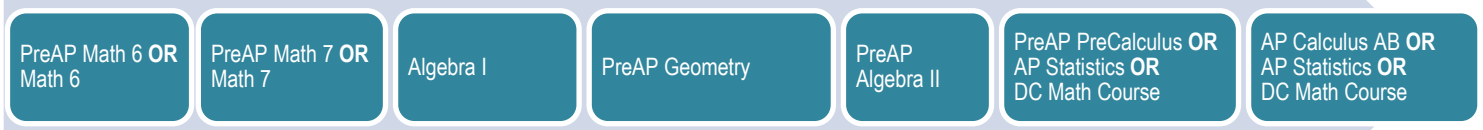
APPENDIX B

Recommended Course Sequences Leading to AP-level or Dual Credit Courses

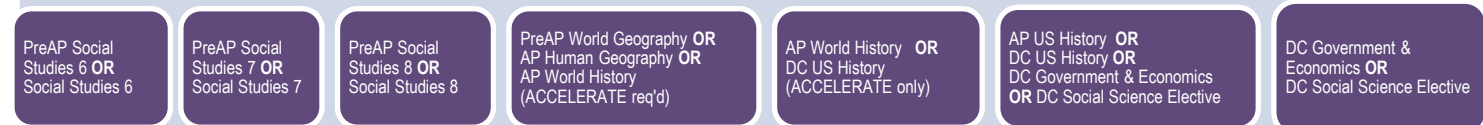
English/ Language Arts



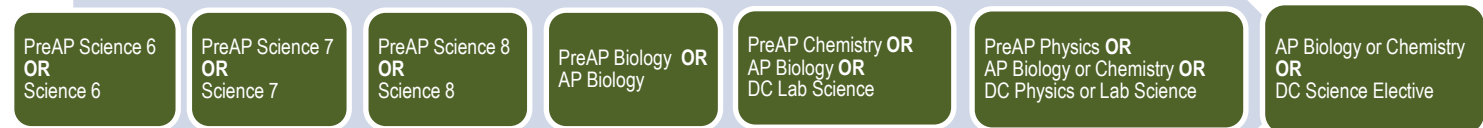
Mathematics



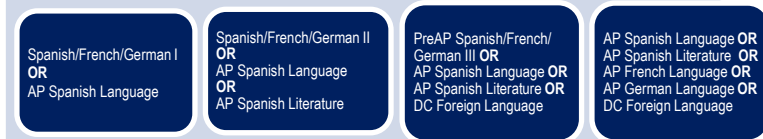
Social Studies



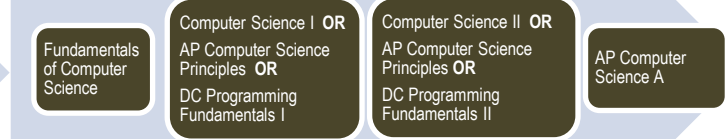
Science



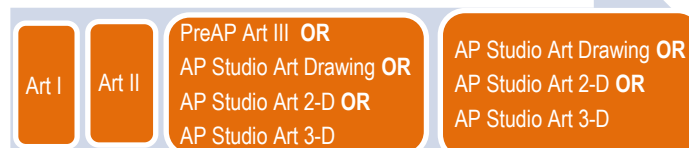
Spanish/German/German



Computer Science



Visual Art



Vital Information about Advanced Placement Courses

The Advanced Placement (AP) program offers college-level courses to high school students, potentially allowing those students to earn college credit. Cooperating secondary schools and colleges provide students the opportunity to show their mastery of course material on the Advanced Placement examinations that are given in May of each school year. Participating colleges grant credit or advanced placement in coursework to student who perform well on these examinations. Advanced Placement courses are open to all students willing to complete the rigorous work required to pass the examinations. All students enrolled in an Advanced Placement section of a course will be required to sit for the AP exam for that course.

Advantages

The main advantage of Advanced Placement coursework is its ability to prepare students for college. College Board studies have shown that those who take AP classes, even if the AP test is not passed for the courses, earn a higher average grade point average and graduate from college with a 4-year degree at a higher rate than those who do not take AP courses.

Scoring well on an AP examination can also reap several rewards. First, students can receive a performance acknowledgement or earn the Multidisciplinary Studies endorsement on their diplomas. They can also receive acknowledgements from the College Board as an AP Scholar (students who receive a score of 3 or higher on at least 3 AP tests), an AP Scholar with Honor (students who receive a score of 3 or higher on at least 4 AP tests with a 3.25 average score) or an AP Scholar with Distinction (students who receive a score of 3 or higher on at least 4 AP tests with a 3.5 average score).

Additionally, students who take AP exams may receive college credit that can save them both time and money. Credit on AP exams can save up to \$1,500 in college tuition alone and/or count as college credit for one or more courses. Some parents have saved the equivalent of a year of college tuition and living expenses (up to \$60,000 depending upon the 4-year school chosen by the student) through earned AP credit. Students should check with their colleges of interest to determine what AP score is needed for course credit.

Finally, students taking Advanced Placement classes receive an additional grade weighting for the course on their GPAs. Because the average score in Advanced Placement classes is lower than the grade the same students would earn in an on-level class, AP courses are weighted with a 1.15 on the GPA so that they do not adversely impact a student's academic performance.

Preparation

The content of the Advanced Placement courses is more sophisticated than that of typical high school courses. Students who enter these courses should have strong writing and test-taking skills and have had practice in analyzing content, drawing comparisons, and reasoning through problems. They should be able to read perceptively and independently. On each of the Advanced Placement examinations, at least part of the total score is dependent upon the student's ability to write clearly. Students who are not skilled in these areas must be more highly motivated to overcome their deficiencies while taking these more rigorous courses. The earlier students prepare for AP courses (typically through Pre-AP coursework), the more likely they will experience success.

Cost

If students take an Advanced Placement course in Waco ISD, there will be no charge for the required AP examination.

Credit

Advanced Placement classes are translated differently by different colleges (public versus private) in different states (TX versus rest of U.S.) for different students (majors versus non-majors in the area tested). For instance, public schools will typically accept a score of 3 for credit while private schools will require a 4 or 5. In Texas, House Bill 1992 was signed into law in June 2015 states that a Texas "institution of higher education may not require a score of more than three unless the institution's chief academic officer determines, based on evidence, that a higher score on the examination is necessary to indicate a student is sufficiently prepared to be successful in a related, more advanced course for which the lower-division course is a prerequisite." In this case, a student majoring in Biology might be required to earn a 4 or 5 on the AP Biology examination, whereas a student who is a non- Biology major might only need a score of 3 to receive credit. Therefore, students are encouraged to check with the admissions officers of their colleges of choice to determine what scores are necessary for credit.



Waco ISD AP Course Offerings

<u>Course #</u>	<u>Courses Title</u>
831001	Advanced Placement Seminar
131001	Advanced Placement English Language and Composition (AP English III)
131002	Advanced Placement English Literature and Composition (AP English IV)
231002	Advanced Placement Calculus
231001	Advanced Placement Statistics
431004	Advanced Placement Computer Science A
431005	Advanced Placement Computer Science Principles
431003	Advanced Placement Environmental Science
431001	Advanced Placement Biology
431002	Advanced Placement Chemistry
331000	Advanced Placement Human Geography
331001	Advanced Placement World History
331002	Advanced Placement United States History
331005	Advanced Placement European History
335004	Advanced Placement Comparative Government and Politics
335003	Advanced Placement United States Government and Politics
335004	Advanced Placement Psychology
631001	Advanced Placement Spanish Language (Spanish IV)
631002	Advanced Placement Spanish Literature (Spanish VI)
631102	Advanced Placement German Language (German IV)
631201	Advanced Placement German Language (German IV)
531004	Advanced Placement Art History
531001	Advanced Placement Studio Art: Drawing
531002	Advanced Placement Studio Art: Two-Dimensional Design
531003	Advanced Placement Studio Art: three-Dimensional Design
531005	Advanced Placement Music Theory

**Course offerings vary from campus to campus and from year to year. Please consult your counselor for availability.*

On the following pages, you will find information on the way in which AP exam scores for courses offered in Waco ISD transfer into colleges of choice for students in the district. For information on a college not listed, please refer to the college's website and search for "AP credit."

For more information on AP courses visit

<http://www.collegeboard.org>

		Abilene Christian University			Angelo State University			Arizona State University			Austin College		
	Min Score Req'd	Number of Credits	Equivalent Course		Number of Credits	Equivalent Course		Number of Credits	Equivalent Course		Number of Credits	Equivalent Course	
Advanced Placement Exam*													
AP Art History	3	6	ART 221, 222		3	Art 1303 & 1304		3	ARS 101				
AP Art History	4							6	ARS 101, 102		1		
AP Art History	5												
AP Biology	3	3	BIOL 101										
AP Biology	4	4	BIOL 112, 114		8	Biology 1308/1108 & 1309/1109		4	BIO 100				
AP Biology	5	8	BIOL 112, 113, 114, 115					8	BIO 181, 182		1	BIOL 102	
AP Calculus AB	3	3	MATH 185										
AP Calculus AB	4				4	Mathematics 2413		4	MAT 270				
AP Calculus AB	5										1	MATH 151	
AP Chemistry	3	4	CHEM 111,113										
AP Chemistry	4	4	CHEM 131, 133		8	Chemistry 1311/1111 & 1312/1112		4	CHM 113		1	CHEM 111	
AP Chemistry	5	8	CHEM 131, 132, 133, 134					8	CHM 113, 116		1	CHEM 112	
AP Computer Science A	3	3	CS 115		3	Computer Science 1351					1		
AP Computer Science A	4												
AP Computer Science Principles	3												
AP Computer Science Principles	4							3	IFT 101				
AP English Language and Comp	3	3	ENGL 111		6	English 1301 & 1302		3					
AP English Language and Comp	4	6	ENGL 111, 112										
AP English Language and Comp	5												
AP English Literature and Comp	3	3	ENGL 111		6	English 1301 & 2329		3			1	ENG 114	
AP English Literature and Comp	4	6	ENGL 111, 112										
AP English Literature and Comp	5												
AP Environmental Science	3	3	AENV 130		3								
AP Environmental Science	4										1	ENVS 235	
AP European History	3	3	HIST 117										
AP European History	4	6	HIST 117, 118								1	HIST 143	
AP European History	5												
AP Human Geography	3	3	GEOG 235										
AP Human Geography	4												
AP Music Theory	3	2	MUST 120										
AP Music Theory	4												
AP Music Theory	5	3	MUST 131								1	MUS 119	
AP Psychology	3	3	PSYC 120		3	Psychology 2301							
AP Psychology	4										1	PSY101	
AP Spanish Language & Culture	2												
AP Spanish Language & Culture	3	6	SPAN 111,112		12	Spanish 1301, 1302, 2311 & 2312		8	SPA 201, 202				
AP Spanish Language & Culture	4	12	SPAN 111, 112, 221, 222					11	SPA 201, 202 and 294		1	SPAN 201	
AP Spanish Language & Culture	5							14	SPA 201, 202, 294 and 313		1	SPAN 202	
AP Spanish Literature & Culture	3	15	SPAN 111, 112, 221, 222, 317-1**		3			8	SPA 201, 202				
AP Spanish Literature & Culture	4	18	SPAN 111, 112, 221, 222, 317-1, 317-2**					12	SPA 111, 201, 202		1	SPAN 236	
AP Spanish Literature & Culture	5							15	SPA 111, 201, 202, 325				
AP Statistics	3	3	MATH 123		3	Mathematics 1342		3	STP 226				
AP Statistics	4										1	MATH 120	
AP Studio Art: 2-D Design	3				3	Art 1311							
AP Studio Art: 2-D Design	4							3	ART 112		1		
AP Studio Art: 3-D Design	3				3	Art 1311							
AP Studio Art: 3-D Design	4										1		
AP Studio Art: Drawing	3				3	Art 1316							
AP Studio Art: Drawing	4							3	ART 111		1		
AP United States History	3	3	HIST 221		6	History 1301 & 1302							
AP United States History	4	6	HIST 221, 222								1	HIST 102 or HIST 163	
AP United States History	5												
AP World History	3	3	HIST 117										
AP World History	4	6	HIST 117, 131					6	HIST 100 and 101		1	HIST 133	
AP World History	5												

Austin Community College			Baylor University		Blinn College		Colorado State - Pueblo	
	Min Score Req'd	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	
Advanced Placement Exam*								
AP Art History	3	6	ARTS 1303 & 1304				ART 211	
AP Art History	4			3	Art 1300 or 2302			
AP Art History	5						ART 211 & 212	
AP Biology	3	4	BIOL 1406				BIOL 100/L	
AP Biology	4			4	Biology 1401		BIOL 181/L & 182/L	
AP Biology	5			8	Biology 1305-1105 & 1306-1106			
AP Calculus AB	3	4	MATH 2413			4	MATH 2412	
AP Calculus AB	4			3	Math 1321	4	MATH 2413	
AP Calculus AB	5							
AP Chemistry	3			4	Chemistry 1300 & 1100	4	CHEM 111/L	
AP Chemistry	4			4	Chemistry 1301 & 1101	8	CHEM 121/L	
AP Chemistry	5			8	Chemistry 1301, 1101, 1302 & 1102		CHEM 124/L & 122/L	
AP Computer Science A	3	6	COSC 1336 & COSC 1337					
AP Computer Science A	4							
AP Computer Science Principles	3							
AP Computer Science Principles	4							
AP English Language and Comp	3	3	ENGL 1301			3	ENGL 1301	
AP English Language and Comp	4			3	ENG 1302		ENG 101 & 102	
AP English Language and Comp	5						ENG 130	
AP English Literature and Comp	3	3	ENGL 1301 or 1302			3	ENGL 1302	
AP English Literature and Comp	4							
AP English Literature and Comp	5						ENG 101 & ENG 130	
AP Environmental Science	3	3	ENVR 1301				CHEM 125/L	
AP Environmental Science	4			3	Environmental Studies 1301	4		
AP European History	3							
AP European History	4			3	History 1307			
AP European History	5							
AP Human Geography	3	3	GEOG 1302					
AP Human Geography	4			3	Geography 1310 or Anthropology 1310			
AP Music Theory	3	3	MUSI 1311					
AP Music Theory	4	6	MUSI 1311 & MUSI 1312					
AP Music Theory	5			4	Music 1301 & 1101			
AP Psychology	3					3	PSYC 2301	
AP Psychology	4							
AP Spanish Language & Culture	2	8	1411 & 1412					
AP Spanish Language & Culture	3	14	1411, 1412, 2311 & 2312	3	Spanish 2310	4	SPAN 201	
AP Spanish Language & Culture	4					8	SPAN 1411 & SPAN 1412	
AP Spanish Language & Culture	5			6	Spanish 2310 & 2320	11	SPAN 1411, SPAN 1412, & SPAN 2311	
AP Spanish Literature & Culture	3			6	Spanish 2310 & 2320			
AP Spanish Literature & Culture	4							
AP Spanish Literature & Culture	5							
AP Statistics	3	3	MATH 1342				MATH 156	
AP Statistics	4			3	Statistics 1380			
AP Studio Art: 2-D Design	3							
AP Studio Art: 2-D Design	4							
AP Studio Art: 3-D Design	3							
AP Studio Art: 3-D Design	4							
AP Studio Art: Drawing	3						ART 141	
AP Studio Art: Drawing	4							
AP United States History	3							
AP United States History	4			6	History 2365 & 2366		HIST 201	
AP United States History	5						HIST 201 & 202	
AP World History	3					6	HIST 1301 & HIST 1302	
AP World History	4			6	History 1305 & 1307		HIST 101	
AP World History	5						HIST 101 & 103	

Advanced Placement Exam*	Min Score Req'd	Hardin-Simmons University			Lamar University			Louisiana State University			McLennan Community College	
		Number of Credits	Equivalent Course		Number of Credits	Equivalent Course		Number of Credits	Equivalent Course		Number of Credits	Equivalent Course
AP Art History	3				3	ARTS 1303		3	FIAR 2440 or 2441			
AP Art History	4							6	FIAR 2440, 2441			
AP Art History	5	3	ART 2306									
AP Biology	3	4	BIOL 1401		8	BIOL 1406, 1407		6	BIOL 1001, 1002		4	BIOL 1408
AP Biology	4	4	BIOL 1306 & 1106								8	BIOL 1411 & 1413
AP Biology	5											
AP Calculus AB	3				3	MATH 1325 or MATH 2413		3	MATH 1431		4	MATH 2413
AP Calculus AB	4	4	Mathematics 1420					5	MATH 1550		8	MATH 2413 & 2414
AP Calculus AB	5											
AP Chemistry	3	4	CHEM 1310, 1110		4	CHEM 1111 and 1311		6	CHEM 1201, 1202		8	CHEM 1405 & 1407
AP Chemistry	4	8	CHEM 1410, 1411								8	CHEM 1411 & 1412
AP Chemistry	5											
AP Computer Science A	3				3	COSC 1338						
AP Computer Science A	4											
AP Computer Science Principles	3											
AP Computer Science Principles	4											
AP English Language and Comp	3	3	English 1301		3	ENGL 1301		3	ENGL 1001		3	ENGL 1301
AP English Language and Comp	4							6	ENGL 1001, 1002		6	ENGL 1301 & 1302
AP English Language and Comp	5							9	ENGL 1001, 1002, (s) 2025 (or 2027)			
AP English Literature and Comp	3	3	English 1301 or 1302		3	ENGL 1302					3	ENGL 1301
AP English Literature and Comp	4										6	ENGL 1301 & 1302
AP English Literature and Comp	5											
AP Environmental Science	3	3	ENVS 1311									
AP Environmental Science	4											
AP European History	3							3	HIST 1003			
AP European History	4											
AP European History	5											
AP Human Geography	3							3	GEOG 1003			
AP Human Geography	4											
AP Music Theory	3											
AP Music Theory	4											
AP Music Theory	5				3	MUTY 1211 and 1116						
AP Psychology	3	3	Psychology 1301		3	PSYC 2301		3	PSYC 2000			
AP Psychology	4											
AP Spanish Language & Culture	2	3	Spanish 1301									
AP Spanish Language & Culture	3	6	Spanish 1301, 1302		3	SPAN 1311		6	SPAN 1001, 1002		3	SPAN 2311
AP Spanish Language & Culture	4	9	Spanish 1301, 1302, 2301		6	SPAN 1311, 1312		9	SPAN 1001, 1002, 2101		6	SPAN 2311 & 2312
AP Spanish Language & Culture	5				9	SPAN 1311, 1312, and 2311		12	SPAN 1001, 1002, 2101, 2102			
AP Spanish Literature & Culture	3											
AP Spanish Literature & Culture	4											
AP Spanish Literature & Culture	5											
AP Statistics	3	3	BSAD 2302		3	MATH 1342		3	MATHSTATPSYC 2011			
AP Statistics	4											
AP Studio Art: 2-D Design	3				3	ARTS 1311		3	FIAR 1551			
AP Studio Art: 2-D Design	4											
AP Studio Art: 3-D Design	3											
AP Studio Art: 3-D Design	4											
AP Studio Art: Drawing	3				3	ARTS 1316						
AP Studio Art: Drawing	4											
AP United States History	3				6	HIST 1301, 1302		3	HIST 2055 or 2057		3	HIST 1301 & 1302
AP United States History	4	6	History 1301, 1302					6	HIST 2055, 2057			
AP United States History	5											
AP World History	3										3	HIST 2321 & 2322
AP World History	4											
AP World History	5											

		McMurry University			Middle Tennessee State		Midwestern State University		Northwestern Oklahoma State	
	Min Score Req'd	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	
Advanced Placement Exam*										
AP Art History	3	3	ART 1300	3	ART 1030	3	ART 3413			
AP Art History	4	3	ART 1300 or ART 2301							
AP Art History	5	6	ART 2301 and ART 2302							
AP Biology	3	4	BIOL 1401	4	BIOL 1030 & 1031	8	BIOL 1114, 1214	3	BIOL 1114	
AP Biology	4									
AP Biology	5									
AP Calculus AB	3	3	MATH 2421	4	MATH 1910	4	MATH 1634	5	MATH 2215	
AP Calculus AB	4									
AP Calculus AB	5									
AP Chemistry	3	4	CHEM 1410	8	CHEM 1110/1111 & CHEM 1120/1121	8	CHEM 1141, 1143, 1241, 1243	10	CHEM 1115 & 1215	
AP Chemistry	4	8	CHEM 1410, 1420							
AP Chemistry	5									
AP Computer Science A	3	3	COSC 1325 or COS 2350	4	CSCI 1170	4	Computer Science 1044			
AP Computer Science A	4									
AP Computer Science Principles	3					7	Computer Science 1044, 1063			
AP Computer Science Principles	4									
AP English Language and Comp	3	3	ENG 1310	3	ENGL 1010	3	ENGL 1143	3	ENGL 1113	
AP English Language and Comp	4									
AP English Language and Comp	5									
AP English Literature and Comp	3	3	ENG 1320	3	ENGL 1010	3	ENGL 1143 or soph lit elective	3	ENGL 1113	
AP English Literature and Comp	4									
AP English Literature and Comp	5									
AP Environmental Science	3	4	GEOS 1405	3	EST 2610					
AP Environmental Science	4									
AP European History	3	3	HIST 1310	3	HIST 1020	6	HIST 1333, 1433	3	HIST 1223	
AP European History	4	6	HIST 1310, 1320							
AP European History	5									
AP Human Geography	3									
AP Human Geography	4									
AP Music Theory	3	4	MTH 1330, MTH 1130	3	MUTH 1000	6	MUSC 1603, 1613			
AP Music Theory	4									
AP Music Theory	5									
AP Psychology	3	3	PSYC 1340	3	PSY 1410	3	PSYC 1103	3	PSYC 1113	
AP Psychology	4									
AP Psychology										
AP Spanish Language & Culture	2									
AP Spanish Language & Culture	3	8	SPAN 1410, 1420	6	SPAN 1010 & 1020	8	SPAN 1134, 1234	4	SPAN 1114	
AP Spanish Language & Culture	4	14	SPAN 1410, 1420, 2310, 2320					9	SPAN 1114, 1224 & 2151	
AP Spanish Language & Culture	5							12	SPAN 1114, 1224, 2151 & 2183	
AP Spanish Literature & Culture	3	8	SPAN 1410, 1420	6	SPAN 1010 & 1020	6	SPAN 2133, 2233			
AP Spanish Literature & Culture	4	14	SPAN 1410, 1420, 2310, 2320							
AP Spanish Literature & Culture	5									
AP Statistics	3	3		3	MATH 1530	3	STAT 3373	3	MATH 2013	
AP Statistics	4									
AP Studio Art: 2-D Design	3	3	ART 2304 or ART 2323	3	ART 1610	6	ART 1113, 1123	3	ART 1103	
AP Studio Art: 2-D Design	4									
AP Studio Art: 3-D Design	3	3	ART 2321	3	ART 1630	6	ART 1113, 1123	3	ART 1103	
AP Studio Art: 3-D Design	4									
AP Studio Art: Drawing	3			3	ART 1620	6	ART 1113, 1123	3	ART 1103	
AP Studio Art: Drawing	4									
AP United States History	3	3	HIST 2310	6	HIST 2010 & 2020	6	HIST 1133, 1233	3	HIST 1483	
AP United States History	4	6	HIST 2310, 2320							
AP United States History	5									
AP World History	3	3	HIST 1310	6	HIST 110, HIST 1120	6	History 1333, 1433	3	HIST 1213	
AP World History	4	6	HIST 1310, 1320							
AP World History	5									

		Oklahoma Baptist			Oklahoma Christian			Prairie View A&M			Sam Houston State		
	Min Score Req'd	Number of Credits	Equivalent Course		Number of Credits	Equivalent Course		Number of Credits	Equivalent Course		Number of Credits	Equivalent Course	
Advanced Placement Exam*													
AP Art History	3				3	FINE-2013		6	ARTS 2223 and 2233		3	ARTS 1303	
AP Art History	4	3											
AP Art History	5												
AP Biology	3				3	BIOL-1013		10	BIOL 1015 and 1025		8	BIOL 1411 and 1413	
AP Biology	4	4	GNSC 1124		6	BIOL-1013 & BIOL-1023							
AP Biology	5												
AP Calculus AB	3				4	MATH-2114		4	MATH 1124		4	MATH 1420	
AP Calculus AB	4	3	MATH 2013										
AP Calculus AB	5	6	MATH 2013, 2023										
AP Chemistry	3							6	CHEM 1033 and 1043		8	CHEM 1411 and 1412	
AP Chemistry	4	5	CHEM 1105		5	CHEM-1115							
AP Chemistry	5	10	CHEM 1105, 1115										
AP Computer Science A	3				3	CMSC-1113		6	COMP 1013 and 1213		4	COSC 1436	
AP Computer Science A	4	3	CIS 2723										
AP Computer Science Principles	3				3	CMSC-1313					4	COSC 1436	
AP Computer Science Principles	4	3	CIS 2703										
AP English Language and Comp	3				3	ENGL-1113		3	ENGL 1123		3	ENGL 1301	
AP English Language and Comp	4	6	ENGL 1153, ELECTIVE										
AP English Language and Comp	5							6	ENGL 1123 and 1133				
AP English Literature and Comp	3				3	ENGL-1113		3	ENGL 2153		3	ENGL 1302	
AP English Literature and Comp	4	6	ENGL 1153, ELECTIVE										
AP English Literature and Comp	5												
AP Environmental Science	3												
AP Environmental Science	4	4	GNSC 2304								4	BIOL 1401	
AP European History	3				3	HIST-2923							
AP European History	4	3	HIST 2023										
AP European History	5	6	HIST 2023, Elective										
AP Human Geography	3				3	GEOG-2113		3	GEOG 1223		3	GEOG 1321	
AP Human Geography	4	3											
AP Music Theory	3				3	MUSC-1023		3	MUSC 1233				
AP Music Theory	4	8											
AP Music Theory	5												
AP Psychology	3	3	PSYC 1223		3	PSYC-1113		3	PSYC 1113		3	PSYC 1301	
AP Psychology	4												
AP Spanish Language & Culture	2												
AP Spanish Language & Culture	3	6	SPAN 1313, 1323		6	SPAN-1113 & 1213		6	SPAN 1013 and 1023		4	SPAN 1411	
AP Spanish Language & Culture	4	9	SPAN 1313, 1323, 2313								8	SPAN 1411, 1412	
AP Spanish Language & Culture	5	12	SPAN 1313, 1323, 2313, 2323					12	SPAN 1013, 1023, 2013 and 2023		14	SPAN 1411, 1412, 2311, 2312	
AP Spanish Literature & Culture	3							6	SPAN 3023 and 3033				
AP Spanish Literature & Culture	4	3	SPAN 2753										
AP Spanish Literature & Culture	5												
AP Statistics	3				3	MATH-2913		3	MATH 2003		3	STAT (or MATH) 1369	
AP Statistics	4	3	MATH 2003										
AP Studio Art: 2-D Design	3	3	ART 1113		3	ARTS-1113		3	ARTS 1153		3		
AP Studio Art: 2-D Design	4												
AP Studio Art: 3-D Design	3	3	ART 1113		3	ARTS-1113					3		
AP Studio Art: 3-D Design	4												
AP Studio Art: Drawing	3	3	ART 1103		3	ARTS-1113					3		
AP Studio Art: Drawing	4												
AP United States History	3	3	HIST 1013/HIST 1023 (non-history major)		3	HIST-2215 or 2223		6	HIST 1313 and 1323		6	HIST 1301, 1302	
AP United States History	4	3	HIST 1013 or HIST 1023 or HIST 2023		6	HIST-2213 & 2223							
AP United States History	5	6	HIST 2023/HIST 1013/HIST 1023 and Elective										
AP World History	3				3	HIST-2923					3	HIST 2311	
AP World History	4	3	HIST 2033										
AP World History	5	6	HIST 2033, Elective										

		Southern Methodist University			Southwestern University			St. Edwards University			Stephen F. Austin State		
	Min Score Req'd	Number of Credits	Equivalent Course		Number of Credits	Equivalent Course		Number of Credits	Equivalent Course		Number of Credits	Equivalent Course	
Advanced Placement Exam*													
AP Art History	3	6	ARHS 1303, 1304		4	ARH71-004		3	ARTS 2303		3	ART 280	
AP Art History	4												
AP Art History	5												
AP Biology	3												
AP Biology	4	4	BIOL 1302/1102		4	BIO50-123/50-121 OR BIO50-133/50-131		6	BIOL 1307, 1308		3	BIO 130	
AP Biology	5												
AP Calculus AB	3												
AP Calculus AB	4	3	MATH 1337		4	MAT52-154		4	MATH 2413		4	MTH 233 & 233L	
AP Calculus AB	5												
AP Chemistry	3										8	CHE 111 and 111L, 112 and 112L	
AP Chemistry	4				4	CHE51-103 & CHE51-101		3	CHEM 1305				
AP Chemistry	5	4	CHEM 1303/1113					3	CHEM 1340				
AP Computer Science A	3										3	CSC 100	
AP Computer Science A	4	3	CSE 1341		4	CSC54-184		4	COSC 1423		6	CSC 100 and CSC 102	
AP Computer Science Principles	3										3		
AP Computer Science Principles	4				4	CSC54-144		4	COSC 1423				
AP English Language and Comp	3										3	ENG 131	
AP English Language and Comp	4	6	DISC 1311, 1312		4	ENG10-114		3	WRIT 1301		6	ENG 131 & 132	
AP English Language and Comp	5							6	WRIT 1301, 2323				
AP English Literature and Comp	3										3	ENG 131	
AP English Literature and Comp	4	6	DISC 1311, 1312		4	ENG10-004		3	ENGL 2324		6	ENG 131 & 132	
AP English Literature and Comp	5												
AP Environmental Science	3							3	ENSP 2324		3	ENV 110	
AP Environmental Science	4				4	BIO50-004							
AP European History	3							3	HIST 2349		3	HIS 152	
AP European History	4	6	HIST 2385 & HIST 2366		4	HIS16-004							
AP European History	5												
AP Human Geography	3							3	GEOG 1302		3	GEO 230	
AP Human Geography	4	3			4	ENV49-004							
AP Music Theory	3							1	MUSI 1101		2		
AP Music Theory	4				4	MUT76-101 & MUT76-103					4		
AP Music Theory	5							3	MUSI 1300				
AP Psychology	3							3	PSYC 2301		3	PSY 133	
AP Psychology	4	3	PSYC 1300		4	PSYC3-104							
AP Spanish Language & Culture	2												
AP Spanish Language & Culture	3							9	SPAN 1311, 1312, 2311		6	SPA 131 & 132	
AP Spanish Language & Culture	4	8	SPAN 1401, 1402		4	SPA15-164		12	SPAN 1311, 1312, 2311, 2312		9	SPA 131, 132 & 231	
AP Spanish Language & Culture	5				4	SPA15-214		15	SPAN 1311, 1312, 2311, 2312, 2326		12	SPA 131, 132, 231 & 232	
AP Spanish Literature & Culture	3							3	SPAN 2351		12	SPA 131, 132, 231 & 232	
AP Spanish Literature & Culture	4	8	SPAN 1401, 1402		4	SPA15-334					15	SPA 131, 132, 231, 232 & 304	
AP Spanish Literature & Culture	5				4	SPA15-344							
AP Statistics	3	3	STAT 2331					3	BUSI 2305		3	MTH 220	
AP Statistics	4				4	MAT52-114							
AP Studio Art: 2-D Design	3												
AP Studio Art: 2-D Design	4	3	ASDR 1300, ASPH 1300, or ASPT 1300		4	ART68-004		3	ARTS 2359		3	ART 110	
AP Studio Art: 3-D Design	3												
AP Studio Art: 3-D Design	4	3	ASDR 1300, ASPH 1300, or ASPT 1300		4	ART68-004		3	ARTS 2359		3	ART 130	
AP Studio Art: Drawing	3												
AP Studio Art: Drawing	4	3	ASDR 1300, ASPH 1300, or ASPT 1300		4	ART68-004		3	ARTS 2359		3	ART 100	
AP United States History	3							3	HIST 1301		3	HIS 133	
AP United States History	4	6	HIST 2311, 2312		4	HIS16-004		6	HIST 1301 and 1302		6	HIS 133, 134	
AP United States History	5												
AP World History	3							3	HIST 2321		3	HIS 161	
AP World History	4	3			4	HIS16-004		6	HIST 2321 and 2329		6	HIS 161 & 162	
AP World History	5												

		Tarleton State University			Texas Christian University			Texas A&M - College Station			Texas A&M - Commerce	
Advanced Placement Exam*	Min Score Req'd	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	
AP Art History	3	3	ARTS 1303		3	10043		3	ARTS 149	3	ART 1303	
AP Art History	4							6	ARTS 149 and 150			
AP Art History	5											
AP Biology	3	4	BIOL 1406		3	10003		4	BIOL 113 and 123	4	BIO 1406	
AP Biology	4				4	10000		8	BIOL 111, 112			
AP Biology	5				8	10000, 10511/3						
AP Calculus AB	3				3	10283		3	MATH 142	4	MATH 2413	
AP Calculus AB	4	4	MATH 2413		4	10524		4	MATH 151			
AP Calculus AB	5											
AP Chemistry	3	4	CHEM 1411					4	CHEM 119	8	CHEM 1305/1105 & 1307/1107	
AP Chemistry	4	8	CHEM 1411 & 1412		3	10113		8	CHEM 119, 120			
AP Chemistry	5				8	10113, 10125						
AP Computer Science A	3	3	BCIS 1305		3	10403		4	CSCE 110	10	CSCE 126, 151 & 152	
AP Computer Science A	4											
AP Computer Science Principles	3							4	CSCE 110			
AP Computer Science Principles	4											
AP English Language and Comp	3	3	ENGL 1301		3	10803		3	ENGL 104	3	ENG 1301	
AP English Language and Comp	4				6	10803, 20803				6	ENG 1301 & 1302	
AP English Language and Comp	5							6	ENGL 104, 241			
AP English Literature and Comp	3	3	ENGL 2320		3	10803		3	ENGL 104	3	ENG 1301	
AP English Literature and Comp	4				6	10803, 10103		6	ENGL 104, 203	6	ENG 1301 & 1302	
AP English Literature and Comp	5											
AP Environmental Science	3	4	GEOL 1407		3	10143		3	GEOS 105	3	ENVS 1301	
AP Environmental Science	4											
AP European History	3	6	HIST 2321 & 2322		3	10223		3	HIST 102			
AP European History	4											
AP European History	5											
AP Human Geography	3				3	10500		3	GEOG 201			
AP Human Geography	4											
AP Music Theory	3	3	MUSC 1311					3	MUSC 102			
AP Music Theory	4											
AP Music Theory	5											
AP Psychology	3	3			3	10500		3	PSYC 107	3	PSYC 2301	
AP Psychology	4											
AP Spanish Language & Culture	2	4	SPAN 1411							6	SPAN 131 & 132	
AP Spanish Language & Culture	3	8	SPAN 1411, 1412		6	10103, 10203		8	SPAN 101, 102	12	SPAN 131, 132, 231, & 232	
AP Spanish Language & Culture	4	11	SPAN 1411, 1412 & 2311		12	10103, 10203, 20103, 20203		11	SPAN 101, 102, 201			
AP Spanish Language & Culture	5	14	SPAN 1411, 1412, 2311, & 2312					14	SPAN 101, 102, 201, 202			
AP Spanish Literature & Culture	3				6	10103, 10203		3	SPAN 202			
AP Spanish Literature & Culture	4				12	10103, 10203, 20103, 20203						
AP Spanish Literature & Culture	5							6	SPAN 202, 320			
AP Statistics	3	3	MATH 1342		3	10043		3	STAT 201	3	MATH 1324	
AP Statistics	4											
AP Studio Art: 2-D Design	3							3	ARTS 103	3	ART 111	
AP Studio Art: 2-D Design	4							6	ARTS 103, 111			
AP Studio Art: 3-D Design	3									3	ART 140	
AP Studio Art: 3-D Design	4											
AP Studio Art: Drawing	3				3	10103		3	ARTS 103	3	ART 110	
AP Studio Art: Drawing	4							6	ARTS 103, 111			
AP United States History	3	6	HIST 1301 & 1302					6	HIST 105, 106	3	HIST 1301	
AP United States History	4				6	10603, 10613				6	HIST 1301 & 1302	
AP United States History	5											
AP World History	3	3	HIST 2321					3	HIST 104	3	HIST 265	
AP World History	4	6	HIST 2321 & 2322		3	10550						
AP World History	5											

		Texas A&M International			Texas Southern University			Texas State University			Texas Tech University		
	Min Score Req'd	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course		
Advanced Placement Exam*													
AP Art History	3	3	ARTS 1301	3	ART 130	3	ARTH 2301	3	ARTH 2301	3	ART 2302 OR 1301		
AP Art History	4												
AP Art History	5												
AP Biology	3	4	BIOL1306/1106	4	BIOL 131/111	4	BIO 1130 & 1330	4	BIO 1130 & 1330	4	BOL 1401 or 1402		
AP Biology	4			8	BIOL 132/112	8	BIO 1130, 1330, 1131 & 1331	8	BIO 1130, 1330, 1131 & 1331				
AP Biology	5												
AP Calculus AB	3	4	MATH 2413	4	MATH 241	4	MATH 2471	4	MATH 2471	4	MATH 1451		
AP Calculus AB	4												
AP Calculus AB	5												
AP Chemistry	3	4	CHEM 1311/1111	4	CHEM 131/111	4	CHEM 1341 & 1141	4	CHEM 1341 & 1141	8	CHEM 1305, 1306, 1105 & 1106		
AP Chemistry	4	8	CHEM 1311/1111 & 1412/1012	8	CHEM 132/112	8	CHEM 1341, 1141, 1342 & 1142	8	CHEM 1341, 1141, 1342 & 1142	8	CHEM 1307, 1308, 1107 & 1108		
AP Chemistry	5												
AP Computer Science A	3	3	MIS 1305	3	CS 116	4	CS 1428	4	CS 1428	3	CS 1305		
AP Computer Science A	4									4	CS 1411		
AP Computer Science Principles	3									3	CS 1305		
AP Computer Science Principles	4												
AP English Language and Comp	3	3	ENGL 1301	3	ENG 131	3	ENG 1310	3	ENG 1310	3	ENGL 1301		
AP English Language and Comp	4			6	ENG 132					6	ENGL 1301 & 1302		
AP English Language and Comp	5												
AP English Literature and Comp	3	3	ENGL 1301	3	ENG 235	3	ENG 1320	3	ENG 1320	3	ENGL 1301		
AP English Literature and Comp	4	6	ENGL 1301/1302							6	ENGL 1301 & 1302		
AP English Literature and Comp	5												
AP Environmental Science	3			3	PHYS 101	3	GEO 2310	3	GEO 2310	3	NRM 1300		
AP Environmental Science	4												
AP European History	3			3	HIST 2310 or 2320	3	HIST 2310 & 2320	3	HIST 2310 & 2320	3	HIST 1301		
AP European History	4					6	HIST 2310 & 2320						
AP European History	5												
AP Human Geography	3			3	GEO 1309	3	GEO 1309	3	GEO 1309	3	GEOG 2300		
AP Human Geography	4												
AP Music Theory	3			1	MU 1112								
AP Music Theory	4			3	MU 1312								
AP Music Theory	5			5	MU 1112, MU 1115, MU 1315								
AP Music Theory	6			3	PSY 1300	3	PSY 1300	3	PSY 1300	3	PSY 1300		
AP Psychology	3	3	PSYC 2301	3	PSY 131								
AP Psychology	4												
AP Spanish Language & Culture	2												
AP Spanish Language & Culture	3	12	SPAN 1311/1312 & 2311/2312	3	SPAN 131	14	SPAN 1410, 1420, 2310 & 2320	14	SPAN 1410, 1420, 2310 & 2320	10	SPAN 1501 & 1502		
AP Spanish Language & Culture	4	4		6	SPAN 132					13	SPAN 1501, 1502 & 2301		
AP Spanish Language & Culture	5									16	SPAN 1501, 1502, 2301 & 2302		
AP Spanish Literature & Culture	3	12	SPAN 1311/1312 & 2311/2312			14	SPAN 1410, 1420, 2310 & 2320		SPAN 1410, 1420, 2310 & 2320	10	SPAN 1501, 1502		
AP Spanish Literature & Culture	4									13	SPAN1501, 1502, 2301		
AP Spanish Literature & Culture	5									16	SPAN 1501, 1502, 2301, 3307		
AP Statistics	3	3		3	MATH 231	3	MATH 2328	3	MATH 2328	3	MATH 2300		
AP Statistics	4												
AP Studio Art 2-D Design	3	3		3	ART133	3	ARTF 1301	3	ARTF 1301	3	ART 1302		
AP Studio Art 2-D Design	4												
AP Studio Art 3-D Design	3	3		3	ART134	3	ARTF 1303	3	ARTF 1303	3	ART 2303		
AP Studio Art 3-D Design	4												
AP Studio Art Drawing	3	3		3	ART131	3	ARTF 1302	3	ARTF 1302	3	ART 1303		
AP Studio Art Drawing	4			3	ART132								
AP United States History	3	6	HIST 1301/1302	3	HIST 231	3	HIST 1310 or 1320	3	HIST 1310 or 1320	6	HIST 2300 & 2301		
AP United States History	4			6	HIST 232	6	HIST 1310 & 1320	6	HIST 1310 & 1320				
AP United States History	5												
AP World History	3			3	HIST 131	3	HIST 2311 or 2312	3	HIST 2311 or 2312	3	HIST 2322 or 2323		
AP World History	4			6	HIST 132	6	HIST 2311 & 2312	6	HIST 2311 & 2312				
AP World History	5												

		University of Alabama Birmingham			University of Arkansas			University of Mary Hardin-Baylor			University of Mississippi		
	Min Score Req'd	Number of Credits	Equivalent Course		Number of Credits	Equivalent Course		Number of Credits	Equivalent Course		Number of Credits	Equivalent Course	
Advanced Placement Exam*													
AP Art History	3	3	ARH 204		3	ARHS 1003i		3	Art 2351 or 2352		3		
AP Art History	4				3	ARHS 1003H or 2913							
AP Art History	5	6	ARH 203, ARH 204		6	ARHS 1003H or 2913 & 2923							
AP Biology	3				4	BIOL 1524		4			4	Bisc 160, Bisc 161	
AP Biology	4	4	BY 123		4	BIOL 1543/1541L							
AP Biology	5				4	BIOL 1543H/1541M							
AP Calculus AB	3				4	MATH 2554					3	Math 261	
AP Calculus AB	4	4	MA 125					3	MATH 1330				
AP Calculus AB	5				4	MATH 2554H							
AP Chemistry	3				4	CHEM 1053/CHEM 1051L		4	CHEM 1410		4	Chem 105, Chem 115	
AP Chemistry	4	6	CH 115, CH 117		8	CHEM 1103/1101L & 1123/1121L							
AP Chemistry	5	8	CH 115, CH 116, CH 117, CH 118		8	CHEM 1103/1101L & 1123H/1121M							
AP Computer Science A	3										3	Csci 111	
AP Computer Science A	4				4	CSCE 2004		3	CISC 2305				
AP Computer Science Principles	3												
AP Computer Science Principles	4	4	CS 103										
AP English Language and Comp	3	3	EH 101		3	ENGL 1013		3	ENGL 1321		3	Writ 101	
AP English Language and Comp	4							6	ENGL 1321/1322				
AP English Language and Comp	5	6	EH 101, EH 102		3	ENGL 1013H							
AP English Literature and Comp	3							3	ENGL 1321		3	Eng 22x	
AP English Literature and Comp	4	3	EH 212		3	ENGL 1213							
AP English Literature and Comp	5												
AP Environmental Science	3				4	GEOS 1133/GEOS 1131L		4	CHEM or ENVR 1402		4	BISC 104, BISC 105	
AP Environmental Science	4	3	ENV 108										
AP European History	3	3	HY 101					6	HIST 1311/1312		3	Hist 121	
AP European History	4				3	HIST 1123							
AP European History	5	6	HY 101, HY 102										
AP Human Geography	3	3	FLL 120		3	GEOS 1123		3			3		
AP Human Geography	4												
AP Music Theory	3	4	MU 221, MU 224		3	MLIT 1003					3	Mus 105	
AP Music Theory	4				4	MUTH 1631 & MUTH 2603							
AP Music Theory	5												
AP Psychology	3	3	PY 101		3	PSYC 2003		3	PSYC 1301		3	Psy 201	
AP Psychology	4												
AP Spanish Language & Culture	2												
AP Spanish Language & Culture	3	4	SPA 101		3	SPAN 2003					3	Span 102	
AP Spanish Language & Culture	4	8	SPA 101, SPA 102		9	SPAN 1013, 2003 & 2013					6	Span 211	
AP Spanish Language & Culture	5	11	SPA 101, SPA 102, SPA 201		12	SPAN 1013, 2003, 2013, & 3003							
AP Spanish Literature & Culture	3							8	SPAN 1410/1420		3	Span 201	
AP Spanish Literature & Culture	4							14	SPAN 1410, 1420, 2310, 2320				
AP Spanish Literature & Culture	5	3	SPA 300		3	SPAN 3103							
AP Statistics	3	3	MA 180		3	STAT 2303		4	MATH/PSYC/SOCI 2303		3	Math 115	
AP Statistics	4				3	STAT 2023							
AP Studio Art: 2-D Design	3										3	Art 101	
AP Studio Art: 2-D Design	4	3	ARS 101										
AP Studio Art: 3-D Design	3							3	ART 2340		3	Art 103	
AP Studio Art: 3-D Design	4	3	ARS 102										
AP Studio Art: Drawing	3							3	ART 1310		3	Art 111	
AP Studio Art: Drawing	4	3	ARS 100										
AP United States History	3	3	HY 120		3	HIST 2003 or HIST 2013		6	HIST 2311, 2312		3		
AP United States History	4												
AP United States History	5	6	HY 120, HY 121		6	HIST 2003 & HIST 2013							
AP World History	3	3	HY 104		3	HIST 1113 or HIST 1123		6	HIST 1311/1312		3		
AP World History	4												
AP World History	5	6	HY 104, HY 105		6	HIST 1113 & HIST 1123							

University of North Texas			University of Oklahoma			University of Texas at Arlington			University of Texas at Austin		
	Min Score Req'd	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course
Advanced Placement Exam*											
AP Art History	3	3	ART 2350 ART 2360 or ART 2370		A HI 1113		3	ART 1309 or 1310		3	ARH 301
AP Art History	4									3	ARH 303
AP Art History	5										
AP Biology	3				BIOL 1013		6	BIOL 1333 & 1334 or 1441		3	BIO 301L
AP Biology	4	8	BIOL 1710, 1720 & 1760		BIOL 1124					6	BIO 301L, 301M
AP Biology	5									6	BIO 311C, 311D
AP Calculus AB	3	4	MATH 1710		MATH 1823		4	MATH 1426		4	M 408K or M 408N or M 408R
AP Calculus AB	4				MATH 1914						
AP Calculus AB	5									4	M 408C
AP Chemistry	3	3	CHEM 1360				4	CHEM 1441		3	CH 304K
AP Chemistry	4	4	CHEM 1410/1430		CHEM 1315,1415					8	CH 301, 302, 204
AP Chemistry	5	8	CHEM 1410/1430 & 1420/1440				8	CHEM 1441 & 1442			
AP Computer Science A	3	3	CSCE 1010		C S 1323		3	CSE 1310			CS 302 or AET 310
AP Computer Science A	4	4	CSCE 1030								CS 312
AP Computer Science Principles	3	3	CSCE 1010		C S 1303						CS 302
AP Computer Science Principles	4										
AP English Language and Comp	3	3	ENGL 1310		ENGL 1113		3	ENGL 1301		3	RHE 306
AP English Language and Comp	4										
AP English Language and Comp	5	6	ENGL 1310 & 1320		ENGL 1113,1213		6	ENGL 1301 & 1302			
AP English Literature and Comp	3	3	ENGL 2210		ENGL 1113		3	ENGL 2303		3	E 314T
AP English Literature and Comp	4									3	E 316P
AP English Literature and Comp	5				ENGL 1113,1213						
AP Environmental Science	3	3	BIOL 1132		CEES 1112 or GEOL1013		3	ENVR 1301		3	GEO 302P
AP Environmental Science	4										
AP European History	3	6			HIST 1223,1233		3	HIST 2302		3	HIS 308L
AP European History	4										
AP European History	5										
AP Human Geography	3	3	GEOG 2170		GEOG 1103		3	GEOG 1302		3	GRG 305
AP Human Geography	4										
AP Music Theory	3									3	MUS 306M
AP Music Theory	4										
AP Music Theory	5										
AP Psychology	3	3	PSYC 1630		PSY 1113		3	PSYC 1315		3	PSY 301
AP Psychology	4										
AP Spanish Language & Culture	2						8	SPAN 1441 & 1442			
AP Spanish Language & Culture	3	6	SPAN 1010 & 1020		SPAN 1115, 1225, 2113		11	SPAN 1441, 1442 & 2313		6	SPN 601D
AP Spanish Language & Culture	4	9	SPAN 1010, 1020 & 2040		SPAN 1115, 1225, 2113, 2223		14	SPAN 1441, 1442, 2313 & 2314		12	SPN 601D, 600D
AP Spanish Language & Culture	5	12	SPAN 1010, 1020, 2040 & 2050		SPAN 1115, 1225, 2113, 2223, 3073					21	SPN 601D, 600D, 611D, 318
AP Spanish Literature & Culture	3	3			SPAN 2113		3	SPAN 3320		6	SPN 601D, 600D
AP Spanish Literature & Culture	4									18	SPN 601D, 600D, 611D
AP Spanish Literature & Culture	5									21	SPN 601D, 600D, 611D, 327C
AP Statistics	3	3	MATH 1680		PSY 2003		3	MATH 1308		3	EDP 371; or SDS 301; or STA 309
AP Statistics	4										
AP Studio Art: 2-D Design	3	3	ART 1440				3	ART 1305		3	ART 319T
AP Studio Art: 2-D Design	4										
AP Studio Art: 3-D Design	3	3	ART 1450				3	ART 1306		3	ART 319T
AP Studio Art: 3-D Design	4										
AP Studio Art: Drawing	3	3	ART 1500				3	ART 1307		3	ART 319T
AP Studio Art: Drawing	4				3						
AP United States History	3	6	HIST 2610 & 2620		HIST 1483,1493		6	HIST 1311 & 1311		3	HIS 316L
AP United States History	4										
AP United States History	5										
AP World History	3	6	HIST 1050 & 1060		HIST 1913		3	HIST 2302		3	HIS 301F or HIS 301J
AP World History	4										
AP World History	5										

		University of Texas at Dallas			University of Texas Permian Basin			University at Texas at San Antonio		
	Min Score Req'd	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course			
Advanced Placement Exam*										
AP Art History	3	3		3	ARTS 1303	3				
AP Art History	4	3	AHST 2331	6	ARTS 1303 & 1304					
AP Art History	5									
AP Biology	3	3		4	BIOL 1306/1106	6	BIO 1233, 1243			
AP Biology	4	8	BIOL 2312 + 2112, BIOL 2311 + 2111	8	BIOL 1306/1106 & 1307/1107					
AP Biology	5	10	BIOL 2311+2111, BIOL 2312+2112, BIOL 2281			8	BIO 1404, 1414			
AP Calculus AB	3	3	MATH 2312	4	MATH 2413	4	MAT 1193 or 1214			
AP Calculus AB	4	6	MATH 2312 + 1325 or MATH 2312 + 2413							
AP Calculus AB	5									
AP Chemistry	3	3		4	CHEM 1331/1133	7	CHE 1004 & CHE 1073			
AP Chemistry	4	4	Chem 1311 & Lab	8	CHEM 1331/1133 & 1332/1134	7	CHE 1103, 1121, 1143			
AP Chemistry	5	8	CHEM 1311/1312 + Lab			7	CHE 1113, 1131, 1153			
AP Computer Science A	3	3		4	COSC 1430	3	CS 1083, 1063			
AP Computer Science A	4	6	CS 1336 + 1337							
AP Computer Science Principles	3									
AP Computer Science Principles	4									
AP English Language and Comp	3	3		3	ENGL 1301	3	WRC 1013			
AP English Language and Comp	4	3	RHET 1302							
AP English Language and Comp	5									
AP English Literature and Comp	3	3		3	ENGL 1302	3	ENG 2013			
AP English Literature and Comp	4	3	LIT 2331							
AP English Literature and Comp	5									
AP Environmental Science	3					6	ES 2013 & 2023			
AP Environmental Science	4	4								
AP European History	3			3	HIST 2312	3	HIS 2563			
AP European History	4									
AP European History	5									
AP Human Geography	3	3	GEOG 2303			3				
AP Human Geography	4									
AP Music Theory	3	3	MUSI 2328							
AP Music Theory	4									
AP Music Theory	5									
AP Psychology	3	3		3	PSYC 1301	3	PSY 1013			
AP Psychology	4	3	PSY 2301							
AP Psychology	5									
AP Spanish Language & Culture	2			4	SPAN 1411					
AP Spanish Language & Culture	3	3	SPAN 1311	8	SPAN 1411 & 1412	14	SPN 1014, 1024, 2013 & 2023			
AP Spanish Language & Culture	4	6	SPAN 1311 & 1312	11	SPAN 1411, 1412 & 2311	17	SPN 1014, 1024, 2013, 2023 & elective			
AP Spanish Language & Culture	5	9	SPAN 1311, 1312, & 2311	14	SPAN 1411, 1412, 2311 & 2312					
AP Spanish Literature & Culture	3					3				
AP Spanish Literature & Culture	4									
AP Spanish Literature & Culture	5									
AP Statistics	3	3		3		3	STA 1053			
AP Statistics	4	3	STAT 1342							
AP Statistics	5	3				3	ART 1003			
AP Studio Art: 2-D Design	3	3								
AP Studio Art: 2-D Design	4	3	ARTS 2380			3	ART 1013			
AP Studio Art: 3-D Design	3									
AP Studio Art: 3-D Design	4									
AP Studio Art: Drawing	3	3		3	ARTS 1316	3	ART 1213			
AP Studio Art: Drawing	4	3	ARTS 1316							
AP United States History	3	3	HIST 1301	3	HIST 1301	6	HIS 1043 & 1053			
AP United States History	4	6	HIST 1301 and HIST 1302	6	HIST 1302 & 1302					
AP United States History	5									
AP World History	3					3	HIS 2123 or 2133			
AP World History	4									
AP World History	5									

		University of Texas at Tyler			Texas A&M - Corpus Christi			Texas A&M - Texarkana			West Texas A&M		
	Min Score Req'd	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course	Number of Credits	Equivalent Course
Advanced Placement Exam*													
AP Art History	3	3	ART 2303	3	ARTS 1303	6	ARTS 1303, 1304	3	ARTS 1303				
AP Art History	4	6	ART 2303, 2304										
AP Art History	5												
AP Biology	3	4	BIOL 1306, 1106	4	BIOL 1406	8	BIOL 1306/1106 & BIOL 1307/1107	4	BIOL 1406				
AP Biology	4	8	BIOL 1306, 1106, 1307, 1107	8	BIOL 1406 & BIOL 1407			8	BIOL 1406, 1407				
AP Biology	5												
AP Calculus AB	3	4	MATH 2413	4	MATH 2413	4	MATH 2413	8	MATH 2412, 2413				
AP Calculus AB	4												
AP Calculus AB	5												
AP Chemistry	3	4	CHEM 1311, 1111	4	CHEM 1411	8	CHEM 1311/1111 & CHEM 1312/1112	4	CHEM 1411				
AP Chemistry	4	8	CHEM 1311, 1111, 1312, 1112	8	CHEM 1411 & 1412			8	CHEM 1411, 1412				
AP Chemistry	5												
AP Computer Science A	3	3	COSC 1336	3	COSC 1315	3	COSC 1336	3	CIDM 1315				
AP Computer Science A	4			4	COSC 1435			6	CS 1315, 2315				
AP Computer Science Principles	3							3	CS 1301				
AP Computer Science Principles	4												
AP English Language and Comp	3	3	ENGL 1301	3	ENGL 1301	6	ENGL 1301 and ENGL 1302	3	ENGL 1301				
AP English Language and Comp	4							6	ENGL 1301, 1302				
AP English Language and Comp	5												
AP English Literature and Comp	3	3	ENGL 2322 2323 2350 2362 or 2363	3	ENGL 1301	6	ENGL 1301 and ENGL 1302	3	ENGL 1301				
AP English Literature and Comp	4							6	ENGL 1301, 1302				
AP English Literature and Comp	5												
AP Environmental Science	3			4	ESCI 1401	4	ENVR 1301, 1101	4	ENVR 1407				
AP Environmental Science	4												
AP European History	3			3	HIST 2311	6	HIST 2311, 2312	3	HIST 2311				
AP European History	4												
AP European History	5												
AP Human Geography	3	3	GEOG 1313	3		3	GEOG 1302	3	GEOG 1302				
AP Human Geography	4												
AP Music Theory	3	3	MUSI 1311	4	MUSI 1311 & MUSI 1116	6	MUSI 1311, 1312	3	MUSI 1311				
AP Music Theory	4												
AP Music Theory	5	6	MUSI 1311, 1312					6	MUSI 1311, 1312				
AP Psychology	3	3	PSYC 1301	3	PSYC 2301	3	PSYC 2301	3	PSYC 2301				
AP Psychology	4												
AP Spanish Language & Culture	2												
AP Spanish Language & Culture	3	12	SPAN 1611, 2611	6	SPAN 1311 & SPAN 1312	8	SPAN 1411 and SPAN 1412	8	SPAN 1411, 1412				
AP Spanish Language & Culture	4							11	SPAN 1411, 1412, 2311				
AP Spanish Language & Culture	5			9	SPAN 1311, SPAN 1312 & SPAN 2311	6	SPAN 2311 and SPAN 2312	14	SPAN 1411, 1412, 2311, 2312				
AP Spanish Literature & Culture	3	12	SPAN 1611, 2611	3	SPAN 2311			8	SPAN 1411, 1412				
AP Spanish Literature & Culture	4							11	SPAN 1411, 1412, 2311				
AP Spanish Literature & Culture	5			6	SPAN 2311 & SPAN 2312			14	SPAN 1411, 1412, 2311, 2312				
AP Statistics	3	3	MATH 1342	4	MATH 1442	3	MATH 1342	3	CIDM 2342				
AP Statistics	4												
AP Studio Art: 2-D Design	3			3	ARTS 1311	6	ARTS 1316, 1317	3	ARTS 1316				
AP Studio Art: 2-D Design	4												
AP Studio Art: 3-D Design	3			3	ARTS 1312	6	ARTS 1316, 1317	3	ARTS 1316				
AP Studio Art: 3-D Design	4												
AP Studio Art: Drawing	3	3	ART 1311	3	ARTS 1316	6	ARTS 1316, 1317	3	ARTS 1316				
AP Studio Art: Drawing	4												
AP United States History	3	6	HIST 1301, 1302	6	HIST 1301 & HIST 1302	6	HIST 1301 and HIST 1302	6	HIST 1301, 1302				
AP United States History	4												
AP United States History	5												
AP World History	3	6	HIST 2321, 2322	3	HIST 2311	6	HIST 2321 and HIST 2322	3	HIST 2321 or 2322				
AP World History	4												
AP World History	5												

APPENDIX D

Fine Arts Sequences for High School

Theatre Arts

Grade 9	Grade 10	Grade 11	Grade 12
Theatre Arts I (511601)	Theatre Arts II (511602)	Theatre Productions III (511653)*	Theatre Productions IV (511654)*
Technical Theatre I (511605)	Technical Theatre II (511606)		
Theatre Productions I (511651)*	Theatre Productions II (511652)*		

*Requires Audition

Vocal Performance

Grade 9	Grade 10	Grade 11	Grade 12
Show Choir 510361**	Show Choir 510362**	Show Choir 510363**	Show Choir 510364**
A Capella 511351*	A Cappella 511352*	A Cappella 511353*	A Cappella 511354*
Women's Select I 511331*	Women's Select II 511332*	Women's Select III 511333*	Women's Select IV 511334*
Girls' Glee 511321*	Girls' Glee 511322*	Girls' Glee 511323*	Girls' Glee 511324*
Guys' Glee 511311*	Guys' Glee 511312*	Guys' Glee 511313*	Guys' Glee 511314*
Concert Choir 511301	Concert Choir II 511302	Concert Choir III 511303	Concert Choir IV 511304

*Requires Audition **Requires concurrent enrollment in A Cappella, Women's Select, or Girls'/Guys' Glee

Instrumental Performance

BAND*	Grade 9	Grade 10	Grade 11	Grade 12
	Varsity Band 511411	Varsity Band 511421	Varsity Band 511431	Varsity Band 511441
	Non-Varsity Band 551502	Non-Varsity Band 511512	Non-Varsity Band 511522	Non-Varsity Band 511532
	Sub Non-Varsity 511413	Sub Non-Varsity 511423	Sub Non-Varsity 511433	Sub Non-Varsity 511443

*Students will be auditioned and placed in the appropriate band section.

JAZZ BAND	Grade 9	Grade 10	Grade 11	Grade 12
	Jazz Ensemble I 551401*	Jazz Ensemble II 551402*	Jazz Ensemble III 551403*	Jazz Ensemble IV 551404*

*Requires concurrent enrollment in Marching Band

ORCHESTRA	Grade 9	Grade 10	Grade 11	Grade 12
	Orchestra I 551502	Orchestra II 511512	Orchestra III 511522	Orchestra IV 511532
	Orchestra I 511501	Orchestra II 511511	Orchestra III 511521	Orchestra 511531

MARIACHI	Grade 9	Grade 10	Grade 11	Grade 12
	Mariachi 511211	Mariachi 511212	Mariachi 511213	Mariachi 511214

PIANO	Grade 9	Grade 10	Grade 11	Grade 12
	Piano 511201	Piano 511202	Piano 511203	Piano 511204

Visual Arts

Grade 9	Grade 10	Grade 11	Grade 12
Art I 511001*	Art II 511002	Art III 511003	Art IV 511004
	AP Studio Art Drawing/2D/3D 531001/531002/531003	AP Studio Art Drawing/2D/3D 531001/531002/531003	AP Studio Art Drawing/2D/3D 531001/531002/531003
	AP Art History 531004	AP Art History 531004	AP Art History 531004

*Higher initial art placement possible by permission of the instructor

APPENDIX E

House Bill 5 Foundation High School Program Requirements

A student must earn at least 22 credits to complete the Foundation High School Program.

A student must demonstrate proficiency in the following core courses:

English Language Arts	Four credits	<ul style="list-style-type: none"> English I English II English III Advanced English course from list of Fourth English credit options
Mathematics	Three credits	<ul style="list-style-type: none"> Algebra I Geometry Advanced mathematics course from list of third Math credit options*
Science	Three credits	<ul style="list-style-type: none"> Biology, Pre-AP Biology, or AP Biology IPC or advanced lab-based science course from second Science credit options* Advanced lab-based science course from third Science credit options, as subject to prerequisites (1 credit or combo of 2 half credits) *
Social Studies	Three credits	<ul style="list-style-type: none"> One of World History, Pre-AP World History, AP World History, World Geography, Pre-AP World Geography or AP Human Geography U.S. History U.S. Government (half credit) Economics (half credit)
Languages other than English	Two credits	<ul style="list-style-type: none"> Two levels in same language (two credits) Two levels of computer science from Computer Science I, II, and III, AP Computer Principles or AP Computer Science (two credits)
Physical Education	One Credit	<ul style="list-style-type: none"> Four course options* Specified substitutions *
Fine Arts	One Credit	<ul style="list-style-type: none"> Options in art, dance, music, theatre, digital art & animation, AP Art or Music Theory & animation* Community-based program
Electives	Five Credits	<ul style="list-style-type: none"> TEKS-based options* AP and IB options* Dual credit options*

* Course lists for the various subject areas are included on following pages

English—Fourth Credit Option

The fourth English credit may be selected from one full credit or a combination of two half credits from two different courses, subject to prerequisite requirements from the following courses:

English IV	Creative Writing	Research and Technical Writing
Public Speaking III	Humanities	Independent Study in Speech
Communication Applications	Literary Genres	College Preparatory English
Business English	Debate III	Independent Study in English

Mathematics – Third Credit Options

The third credit may be selected from one full credit or a combination of two half credits from two different courses, subject to prerequisite requirements from the following courses:

*Mathematical Models with Applications

*Digital Electronics

Financial Mathematics

Applied Mathematics for Technical Professionals

Accounting II

Robotics II

Algebra II

Pre-Calculus

Algebraic Reasoning

AP Statistics

AP Calculus AB

AP Computer Science A

Engineering Mathematics

Statistics & Risk Management

Independent Study in Math

Statistics

Math for Medical Professionals

Dual Credit Math Courses: College Algebra, Plane Trigonometry, Pre-Calculus, Calculus I and II, Math for Business and Social Sciences, Calculus for Business and Social Science, Elementary Statistics I, Contemporary Math

***Note:** Courses with asterisk may be taken before or after a student's fourth math credit *if* seeking an endorsement

Science – Second Credit Options

The second science credit must be selected from the following laboratory-based courses:

Integrated Physics and Chemistry (IPC)

Chemistry

AP Chemistry

Physics

Principles of Technology

Science – Third Credit Options

The third science credit may be selected from one full credit or a combination of two half credits from two different courses, subject to prerequisite requirements, from these laboratory-based courses:

Chemistry

Anatomy and Physiology

Physics

Medical Microbiology

Aquatic Science

Pathophysiology

Earth and Space Science

Food Science

Environmental Systems

Forensic Science

AP Biology

Principles of Technology

AP Chemistry

Scientific Research and Design

AP Environmental Science

Engineering Science

Dual Credit Science Courses:

Biology (for Majors or Non-Majors), Chemistry (for Majors or Non-Majors), Environmental Science I and II, General Zoology, General Botany, Anatomy and Physiology I & II, Microbiology, Earth Science, Physical Geology, Stars & Galaxies, Physics (for Majors or Non-Majors), and Physics with Calculus.

Physical Education

The P.E. credit may be selected from any combination of the following one-half to one credit courses:

Foundations of Personal Fitness Adventure/Outdoor Education Aerobic Activities Team or Individual Sports
Athletics JROTC Drill Team Marching Band Cheerleading Show Choir Dance Color Guard

The following substitution courses may count toward the P.E. credit if the course provides 100 minutes of moderate to vigorous activity per five-day week and is not being used to satisfy another graduation requirement:

- appropriate private or commercially sponsored physical activity programs conducted on or off campus that meet specified conditions and are approved by the commissioner of education and superintendent of schools

Fine Arts

The fine arts credit may be selected from the following courses subject to prerequisite requirements:

- Art, Level I, II, III, or IV
- Dance, Level I, II, III, or IV
- Music, Level I, II, III, or IV
- Theatre, Level I, II, III, or IV
- Technical Theatre, Level I, II, III or IV
- Digital Art and Animation

Electives

The elective credits must be selected from:

- High school courses **not required** for graduation under the foundation plan.
- JROTC (1–4 credits)
- College Board AP and IB courses:
 - A single course may not count toward more than one credit for graduation
 - If an AP or IB course is substituted for a required course, that course may **not** satisfy a requirement for an advanced course, but **may** count for both a required course and an endorsement
 - May satisfy elective credit requirements
- Dual Credit Courses may satisfy requirements for required courses, advanced courses, electives, and endorsements

House Bill 5 Endorsement Requirements

Overall Endorsement Requirements

- Upon entering grade 9, a student must specify an endorsement he or she intends to earn.
- Waco ISD shall permit a student to enroll in courses under more than one endorsement before junior year and choose to earn an endorsement other than the one previously indicated.
- A student must earn at least 26 credits to earn an endorsement.

Science Technology Engineering Mathematics Endorsement

For this endorsement, a student **must** complete *Algebra II*, *chemistry*, and *physics* and **one** of the following:

- (1) Three or more classes in a coherent sequence for four or more credits in one the STEM CTE cluster.
- (2) Four credits in computer science in a coherent sequence.
 - Fundamentals of Computer Science
 - Computer Science I
 - Computer Science II
 - AP Computer Science
- (3) Five credits in mathematics, successfully completing Algebra I, geometry, Algebra II, and two additional mathematics courses for which Algebra II is a prerequisite.
- (4) Five credits in science by successfully completing biology, chemistry, physics & two additional science courses.
- (5) Six credits, including Algebra II, chemistry, and physics, in a coherent sequence from no more than two of the three areas listed in (1), (2), (3) and (4).

Mathematics – Fourth Credit Options

The fourth credit may be selected from one full credit or a combination of two half credits from two different courses, subject to prerequisite requirements from the following courses:

Algebra II	AP Computer Science
Precalculus	AP Computer Principles
Algebraic Reasoning	Engineering Mathematics
AP Statistics	Statistics & Business Decision Making
AP Calculus AB	College Preparatory Mathematics
Dual Credit Math Courses: College Algebra, Plane Trigonometry, Pre-Calculus, Calculus I & II, Math for Business and Social Sciences, Calculus for Business and Social Science, Elementary Statistics I, Contemporary Math	

***Note:** Courses in the Third Credit option with an asterisk may be taken before or after a student's fourth math credit, if seeking an endorsement.

Science – Fourth Credit Options

The fourth science credit may be selected from one full credit or a combination of two half credits from two different courses, subject to prerequisite requirements, from the following laboratory-based courses:

Chemistry	AP Biology	Dual Credit Science Courses:
Physics	AP Chemistry	Biology (for Majors or Non-Majors),
Aquatic Science	AP Environmental Science	Chemistry (for Majors or Non-Majors),
Earth and Space Science	Anatomy & Physiology	Environmental Science I and II, Zoology,
Environmental Systems	Medical Microbiology	Botany, Anatomy and Physiology I and II,
Pathophysiology	Engineering Science	Microbiology, Earth Science, Geology,
Food Science	Principles of Technology	Stars & Galaxies, Physics (for Majors and
Forensic Science	Scientific Research and Design	Non-Majors), and Physics with Calculus.

Business and Industry Endorsement

A student must complete one of the following:

- (1) Three or more classes in a coherent sequence for four or more credits in one of the following CTE clusters:
 - Arts, Audio/Video Technology, & Communications
 - Business Management & Administration
 - Transportation, Distribution, & Logistics
 - Marketing
 - Information Technology
 - Manufacturing
 - Hospitality & Tourism
 - Finance
- (2) Four English elective credits by selecting three levels in one of the following areas:
 - Public Speaking
 - Debate
- (3) Four technology applications credits by selecting from the following:
 - Digital Design and Media Production
 - Digital Art and Animation
 - Digital Video and Audio Design
 - Web Design
- (4) Four credits from (1), (2), or (3) in a coherent sequence

Public Services Endorsement

A student must complete one of the following:

- (1) Three or more classes in a coherent sequence for four or more credits in one the following CTE clusters:
 - Education & Training
 - Government & Public Administration
 - Health Science
 - Human Services
 - Law, Public Safety, Corrections, & Security
- (2) Four credits of Junior Reserve Officer Training Corps (JROTC)

Arts & Humanities Endorsement

A student must complete one of the following:

- (1) Five social studies credits
- (2) Four credits of the same language other than English
- (3) Two levels of the same language other than English and two levels of a different language other than English
- (4) Four levels of American Sign Language
- (5) Four credits of progressing difficulty from one or two disciplines in fine arts
- (6) Four English elective credits from the following:
 - English IV
 - Independent Study in English
 - Creative Writing
 - Research and Technical Writing
 - Humanities
 - AP English Literature and Composition
 - Communication Applications

Multidisciplinary Studies Endorsement

A student must complete one of the following:

- (1) Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas.
- (2) Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics.
- (3) Four credits in AP or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts.

House Bill 5 Distinguished Level of Achievement and Performance Acknowledgements

Distinguished Level of Achievement:

To earn a diploma that notes Distinguished Level of Achievement as is required to be admitted to a Texas public university under the Top 10 Percent automatic admission law, students must complete the following requirements:

- Complete the Foundation program requirements (22 credits)
- Earn 4 credits in math, including a credit for Algebra II
- Earn 4 credits in science
- Complete at least one endorsement

Performance Acknowledgements

Students may earn performance acknowledgements that will be recorded on their final transcripts by showing outstanding performance in a number of ways:

- Dual Credit – students must complete at least 12 hours of academic dual credit coursework (including advanced technical credit courses and locally articulated courses) with a grade equivalent of 3.0 or higher on a 4.0 scale.
- Associate degree – students must earn an associate degree while in high school
- Bilingualism/Biliteracy – students must complete all English language arts requirements and maintain a GPA equivalent of an 80 or higher on a 100 scale, and either
 - (A) complete three credits in a language other than English with a minimum GPA of an 80 on a 100 scale; OR
 - (B) demonstrate proficiency in the TEKS for Level IV or higher in a language other than English with a minimum GPA of an 80 on a 100 scale; OR
 - (C) complete at least 3 credits in foundation subject areas in a language other than English with a minimum GPA of an 80 on a 100 scale.
- Advanced Placement – earn a score of 3 or above on a College Board Advanced Placement exam
- PSAT/NMSQT – earn a score that qualifies for recognition as a commended scholar or higher
- SAT – earn a composite score of at least 1310
- ACT – earn a composite score of at least 28
- Workforce certification – obtain a nationally or internationally recognized business or industry certification or obtain a government-required credential to practice a profession. These certifications must be endorsed by either a national or international business, industry or professional organization; a state agency or government entity; or a state-based industry organization.

Native Spanish speakers who chose to take AP Spanish Language have the opportunity to earn not one but two performance acknowledgements. Waco ISD grading policy states that students who take and pass the AP Spanish Language examination with a 3 or higher without having taken the prior courses will be awarded earned credit for Spanish I, II, and III in addition to the credit earned for Advanced Placement Spanish Language and Culture. This would allow a student to earn both the Advanced Placement and the Biliteracy acknowledgements.



ACCELERATE

EARLY DEGREE PROGRAM

ALLIED HEALTH PATHWAY

Allied Health @ The Greater Waco Advanced Health Care Academy, Associate of Arts – 66 hours
+ available CNA certification

PUBLIC SERVICES & MULTI-DISCIPLINARY ENDORSEMENTS

Dual Credit	Fall Semester	Dual Credit	Spring Semester
Freshman Year			
	PreAP English I		PreAP English I
	PreAP Algebra or PreAP Geometry		PreAP Algebra or PreAP Geometry
	PreAP Biology		PreAP Biology
	AP World History		AP World History
	Foreign Language I or II or Elective		Foreign Language I or II or Elective
YES	EDUC 1300 – Learning Frameworks	YES	ARTS 1301 – Art Appreciation OR MUSI 1306 – Music Appreciation, OR MUSI 1310 American Music OR DRAM 1310 – Introduction to Theatre
	Principles of Health Science		Principles of Health Science
	Elective		Elective
Sophomore Year			
	PreAP English II		PreAP English II
	PreAP Geometry or PreAP Algebra II		PreAP Geometry or PreAP Algebra II
	PreAP Chemistry		PreAP Chemistry
YES	HIST 1301 – U.S. History to 1865	YES	HIST 1302 – U.S. History since 1865
	Foreign Language II or III or Elective		Foreign Language II or III or Elective
YES	SPCH 1315 – Public Speaking	YES	BCIS 1305 – Business Computer Applications
	Elective	YES	HPRS 1206—Essentials of Medical Terminology
	Elective		Elective
*OPTIONAL SUMMER COURSE FOLLOWING SOPHOMORE YEAR: PSYC 2301 - General Psychology			
Junior Year			
YES	ENGL 1301 – Composition I	YES	ENGL 1302 – Composition II
	PreAP Algebra II or Elective		PreAP Algebra II or Elective
YES	GOVT 2305 – U.S. Government and Politics	YES	GOVT 2306 – Texas Government
YES	PSYC 2301 – General Psychology	YES	MATH 1342 – Elementary Statistical Methods
	TRAVEL PERIOD TO GWAHCA		TRAVEL PERIOD TO GWAHCA
YES	BIOL 2404 – Introduction to Anatomy and Physiology with LAB	YES	BIOL 2401 – Anatomy and Physiology with LAB
	Health Science Theory		Health Science Theory
	Health Science Clinical		Health Science Clinical
*OPTIONAL SUMMER COURSE FOLLOWING JUNIOR YEAR: ENGL 2328 – American Literature II OR ENGL 2321 – British Literature OR PHIL 1301 – Introduction to Philosophy			
Senior Year			
	Economics	YES	ENGL 2328 – American Literature: Civil War to Present
YES	PSYC 2314 – Lifespan Growth and Development	YES	CHEM 1405 – Introductory Chemistry I
YES	BIOL 1322 – Nutrition & Diet Therapy		Elective
	Elective		Elective
	TRAVEL PERIOD TO GWAHCA		TRAVEL PERIOD TO GWAHCA
YES	BIOL 2402 – Anatomy and Physiology II with LAB	YES	BIOL 2420 – Microbiology with LAB
	Practicum in Health Science		Practicum in Health Science
	Practicum in Health Science		Practicum in Health Science

*Optional summer courses listed to lighten the dual credit load the following year, if the student so desires.

RELATED ELECTIVES OFFERED: Child Development, Forensic Science, Forensic Pathology, Lifetime Nutrition & Wellness, Family & Community Services and Disaster Response



BUSINESS PATHWAY

General Business, Associate of Arts with a Field of Study of Business Core Complete – 62 hours BUSINESS AND INDUSTRY, ARTS & HUMANITIES & MULTI-DISCIPLINARY ENDORSEMENTS			
Dual Credit	Fall Semester	Dual Credit	Spring Semester
Freshman Year			
	PreAP English I		PreAP English I
	PreAP Algebra or PreAP Geometry		PreAP Algebra or PreAP Geometry
	PreAP Biology		PreAP Biology
	AP World History		AP World History
	Foreign Language I or II		Foreign Language I or II
YES	EDUC 1300 – Learning Frameworks	YES	ARTS 1301 – Art Appreciation OR MUSI 1306 – Music Appreciation, OR MUSI 1310 American Music OR DRAM 1310 – Introduction to Theatre
	Elective		Elective
	Principles of Business, Marketing, and Finance		Principles of Business, Marketing, and Finance
Sophomore Year			
	PreAP English II		PreAP English II
	PreAP Geometry or PreAP Algebra II		PreAP Geometry or PreAP Algebra II
	PreAP Chemistry		PreAP Chemistry
	Foreign Language II or III or Elective		Foreign Language II or III or Elective
YES	HIST 1301 – U.S. History to 1865	YES	HIST 1302 – U.S. History since 1865
YES	BCIS 1305 – Business Computer Applications	YES	SPCH 1315 – Public Speaking
	Elective		Elective
	Elective		Elective
*OPTIONAL SUMMER COURSE FOLLOWING SOPHOMORE YEAR: GOVT 2306 – Texas Government			
Junior Year			
YES	ENGL 1301 – Composition I	YES	ENGL 1302 – Composition II
YES	BIOL 1408 – Biology for Non-Science Majors	YES	ENVR 1301 – Environmental Science
YES	BIOL 1408 – Biology for Non-Science Majors LAB	YES	ENVR 1101 – Environmental Science LAB
YES	GOVT 2305 – U.S. Government and Politics	YES	ACNT 1303 – Introduction to Accounting
	PreAP Algebra II or Elective		PreAP Algebra II or Elective
	Foreign Language III or AP Foreign Language or Elective		Foreign Language III or AP Foreign Language or Elective
	Elective		Elective
	Elective		Elective
*OPTIONAL SUMMER COURSE FOLLOWING JUNIOR YEAR: ENGL 2328 – American Literature II OR ENGL 2321 – British Literature			
Senior Year			
	Elective		Elective
	Elective		Elective
	AP Foreign Language or Elective		AP Foreign Language or Elective
YES	GOVT 2306 – Texas Government	YES	ENGL 2328 – American Literature: Civil War to Present
	TRAVEL TO MCC		TRAVEL TO MCC
YES	ACCT 2301 – Principles of Financial Accounting	YES	ACCT 2302 – Principles of Managerial Accounting
YES	MATH 1324 – Math for Business and Economic Analysis I	YES	MATH 1325 – Math for Business and Economic Analysis II
YES	ECON 2301 – Macroeconomics	YES	ECON 2302 – Microeconomics

*Optional summer courses listed to lighten the dual credit load the following year, if the student so desires.

RELATED ELECTIVES OFFERED: Fundamentals of Real Estate, Business Law, Professional Communications, Dollars & Sense, Sports & Entertainment Marketing, Virtual Business, Advertising, Social Media Marketing
Dual Credit: MRKG 1311 Principles of Marketing, BUSG 2309 Small Business Management



CRIMINAL JUSTICE

Criminal Justice, Associate of Arts with a Field of Study of Criminal Justice Core Complete – 65 hours			
STEM, PUBLIC SERVICES & MULTI-DISCIPLINARY ENDORSEMENTS			
Dual Credit	Fall Semester	Dual Credit	Spring Semester
Freshman Year			
	PreAP English I		PreAP English I
	PreAP Algebra or PreAP Geometry		PreAP Algebra or PreAP Geometry
	PreAP Biology		PreAP Biology
	AP World History		AP World History
	Foreign Language I or II		Foreign Language I or II
YES	EDUC 1300 – Learning Frameworks	YES	ARTS 1301 – Art Appreciation OR MUSI 1306 – Music Appreciation, OR MUSI 1310 American Music OR DRAM 1310 – Introduction to Theatre
	Elective		Elective
	Principles of Law, Public Safety, Corrections and Security		Principles of Law, Public Safety, Corrections and Security
Sophomore Year			
	PreAP English II		PreAP English II
	PreAP Geometry or PreAP Algebra II		PreAP Geometry or PreAP Algebra II
	PreAP Chemistry		PreAP Chemistry
YES	HIST 1301 – U.S. History to 1865	YES	HIST 1302 – U.S. History since 1865
	Foreign Language II or III or Elective		Foreign Language II or III or Elective
YES	SPCH 1315 – Public Speaking	YES	BCIS 1305 – Business Computers
	Elective		Elective
	Elective		Elective
**REQUIRED SUMMER COURSE FOLLOWING SOPHOMORE YEAR: CRIJ 1301 – Introduction to Criminal Justice			
Junior Year			
YES	ENGL 1301 – Composition I	YES	ENGL 1302 – Composition II
YES	GOVT 2305 – U.S. Government and Politics	YES	GOVT 2306 – Texas Government
	PreAP Algebra II or Elective		PreAP Physics
	PreAP Physics		PreAP Algebra II or Elective
YES	CRIJ 1310 – Fundamentals of Criminal Law		Elective
	Elective		Elective
	Elective		TRAVEL TO MCC ESEC
	Elective	YES	CRIJ 2328 – Police Systems and Practices
*OPTIONAL SUMMER COURSE FOLLOWING JUNIOR YEAR: ENGL 2328 – American Literature II OR ENGL 2321– British Literature			
Senior Year			
YES	ENGL 2328 – American Literature: Civil War to Present	YES	ECON 2301 – Macroeconomics
YES	BIOL 1408 – Biology for Non-Science Majors	YES	ENVR 1301 – Environmental Science I
YES	BIOL 1408 – Biology for Non-Science Majors LAB	YES	ENVR 1101 – Environmental Science LAB
YES	MATH 1314 – College Algebra		Elective
	Elective		Elective
	TRAVEL TO MCC ESEC		TRAVEL TO MCC ESEC
YES	CRIJ 2323 – Correctional Systems	YES	CRIJ 1306 – Court Systems
YES	CRIJ 2314 – Criminal Investigations	YES	CRIJ 1313 – Juvenile Justice System

*Optional summer courses listed to lighten the dual credit load the following year, if the student so desires.

**Required summer course keeps students on the degree pathway and allows them time to focus on just one course.

RELATED ELECTIVES OFFERED: Forensic Science, Forensic Pathology, Disaster Response, Political Science
Dual Credit: CRIJ 1307 – Crime in America



LIBERAL ARTS PATHWAY

Liberal Arts Transfer, Associate of Arts Core Complete – 62 hours ARTS & HUMANITIES and MULTI-DISCIPLINARY ENDORSEMENTS			
Dual Credit	Fall Semester	Dual Credit	Spring Semester
FRESHMAN YEAR			
	PreAP English I		PreAP English I
	PreAP Algebra or PreAP Geometry		PreAP Algebra or PreAP Geometry
	PreAP Biology		PreAP Biology
	AP World History		AP World History
	Foreign Language I or II		Foreign Language I or II
YES	EDUC 1300 – Learning Frameworks	YES	ARTS 1301 – Art Appreciation OR MUSI 1306 – Music Appreciation, OR MUSI 1310 American Music OR DRAM 1310 – Introduction to Theatre
	Elective		Elective
	Optional Elective: Principles of Arts, A/V Tech & Communications OR Introduction to Culinary Arts (UHS) OR Principles of Education & Training OR other related principles class (choice dependent upon future career plans)		Optional Elective: Principles of Arts, A/V Tech & Communications OR Introduction to Culinary Arts (UHS) OR Principles of Education & Training OR other related principles class (choice dependent upon future career plans)
SOPHOMORE YEAR			
	PreAP English II		PreAP English II
	PreAP Geometry or PreAP Algebra II		PreAP Geometry or PreAP Algebra II
	PreAP Chemistry		PreAP Chemistry
YES	HIST 1301 – U.S. History to 1865	YES	HIST 1302 – U.S. History since 1865
	Foreign Language II or III or Elective		Foreign Language II or III or Elective
YES	BCIS 1305 – Business Computer Applications	YES	SPCH 1315 – Public Speaking
	Elective		Elective
	Elective		Elective
*OPTIONAL SUMMER COURSE FOLLOWING SOPHOMORE YEAR: SOCI 1301 - Introduction to Sociology OR PSYC 2301 - General Psychology OR ECON 2301 - Macroeconomics			
JUNIOR YEAR			
YES	ENG 1301 – Composition I	YES	ENG 1302 – Composition II
YES	GOVT 2305 – U.S. Government and Politics	YES	GOVT 2306 – Texas Government
YES	ECON 2301 – Macroeconomics	YES	ENGL 2328 – American Literature
	PreAP Algebra II or Elective		PreAP Algebra II or Elective
	Foreign Language III or AP Foreign Language or Elective		Foreign Language III or AP Foreign Language or Elective
	Elective		Elective
	Elective		Elective
	Elective		Elective
*OPTIONAL SUMMER COURSE FOLLOWING JUNIOR YEAR: ENGL 2328 – American Literature II OR ENGL 2321 – British Literature			
SENIOR YEAR			
YES	MATH 1314 – College Algebra	YES	MATH 1316 - Trigonometry
	Elective		Elective
	Elective		Elective
	Elective		Elective
	TRAVEL TO MCC		TRAVEL TO MCC
YES	Lab Science Option*	YES	Lab Science Option*
YES	Dual Credit Elective*	YES	Dual Credit Elective*
YES	Dual Credit Elective*	YES	Dual Credit Elective*

*Optional summer courses listed to lighten the dual credit load the following year, if the student so desires.

RELATED ELECTIVES OFFERED:

Education: Child Development, Lifetime Nutrition & Wellness, Human Growth & Development

Dual Credit: TECA1354 Child Growth & Development, PSYC2314 Lifespan Growth & Development

Human Services: Family & Community Services, Disaster Response, Political Science

Arts, AV, Technology & Communications: Animation I, Commercial Photography I, Digital Imaging I



SCIENCE TRANSFER PATHWAY

General Science Transfer, Associate of Science Core Complete – 63 hours STEM, PUBLIC SERVICES & MULTI-DISCIPLINARY ENDORSEMENTS			
Dual Credit	Fall Semester	Dual Credit	Spring Semester
Freshman Year			
	PreAP English I		PreAP English I
	PreAP Algebra or PreAP Geometry*		PreAP Algebra or PreAP Geometry*
	PreAP Biology		PreAP Biology
	AP World History		AP World History
	Foreign Language I or II		Foreign Language I or II
YES	EDUC 1300 – Learning Frameworks	YES	ARTS 1301 – Art Appreciation OR MUSI 1306 – Music Appreciation, OR MUSI 1310 American Music OR DRAM 1310 – Introduction to Theatre
	Principles of Manufacturing OR Principles of Applied Engineering (UHS Rocketry program) OR Principles of Health Science (choice dependent upon future career plans)		Principles of Manufacturing OR Principles of Applied Engineering (UHS Rocketry program) OR Principles of Health Science (choice dependent upon future career plans)
	Elective		Elective
Sophomore Year			
	PreAP English II		PreAP English II
	PreAP Geometry or PreAP Algebra II*		PreAP Geometry or PreAP Algebra II*
	PreAP Chemistry		PreAP Chemistry
YES	HIST 1301 – U.S. History to 1865	YES	HIST 1302 – U.S. History since 1865
	Foreign Language II or III or Elective		Foreign Language II or III or Elective
YES	BCIS 1305 – Business Computer Applications	YES	SPCH 1315 – Public Speaking
	Elective		Elective
	Elective		Elective
*OPTIONAL SUMMER COURSE FOLLOWING SOPHOMORE YEAR: SOCI 1301 - Introduction to Sociology OR PSYC 2301 - General Psychology OR ECON 2301 - Macroeconomics			
Junior Year			
	PreAP Physics		PreAP Physics
	Elective		Elective
	Elective		Elective
	TRAVEL TO MCC		TRAVEL TO MCC
YES	ENGL 1301 – Composition I	YES	MATH 1314 – College Algebra*
YES	BIOL 1406 – Biology for Science Majors	YES	BIOL 1407 – Biology for Science Majors II
YES	BIOL 1406 – Biology for Science Majors LAB	YES	BIOL 1407 – Biology for Science Majors II LAB
YES	GOVT 2305 – U.S. Government and Politics	YES	ENGL 1302 – Composition II
*OPTIONAL SUMMER COURSE FOLLOWING JUNIOR YEAR: ENGL 2328 – American Literature II OR ENGL 2321 – British Literature			
Senior Year			
YES	ENGL 2328 – American Literature: Civil War to Present	YES	ECON 2301 – Macroeconomics
	Elective		Elective
	Elective		Elective
	TRAVEL TO MCC		TRAVEL TO MCC
YES	CHEM 1411 – General Chemistry I	YES	CHEM 1412 – General Chemistry II
YES	CHEM 1411 – General Chemistry I LAB	YES	CHEM 1412 – General Chemistry II Lab
YES	MATH 2412 – Pre-Calculus	YES	MATH 2413 – Calculus I
YES	GOVT 2306 – Texas Government		

*Optional summer courses listed to lighten the dual credit load the following year, if the student so desires.

RELATED ELECTIVES OFFERED:

Computer Science: Fundamentals of Computer Science, Computer Science I, Computer Science II, AP Computer Science A, AP Computer Science Principles

Additional Math: AP Statistics

Additional Science: Forensic Science, Principles of Technology, Environmental Systems

Medical (non-allied): Forensic Science, Anatomy & Physiology, Child Development, Lifetime Nutrition & Wellness, AP Psychology

Engineering: (UHS) Digital Electronics, Applied Math for Technical Professionals, Engineering Science, (GWAMA) Electronics & Robotics, Architecture

HAVE A QUESTION?

Just call us!

Need help finding a phone number?
Call Waco ISD at 254.755.9473

Or check out our website at www.wacoisd.org

Questions?

Contact Person?

General Campus Functions, Student Conduct, Attendance, Bullying.....	Campus Principal
Individual Counseling, Support Groups, Educational and Career Planning	School Counselor
Standardized Test Results, Community Resources, Parent Skills	School Counselor
Student Grades/Progress, Course Content, Classroom Discipline, Homework.....	Classroom Teachers
General Curriculum Information	Instructional Specialist
Hygiene, Immunizations, Vision and Hearing Screening, Illness, Health-Related Issues.....	Nurse
Volunteer Services.....	PTA President/Members
Current Books, Research and Supplementary Reading, Parenting Literature	Librarian
Lunch Program, Nutritional Requirements.....	Cafeteria Manager
Bus Routes	Transportation
Student Misconduct, Drug and Alcohol Problems, Discipline Problems	Campus Police