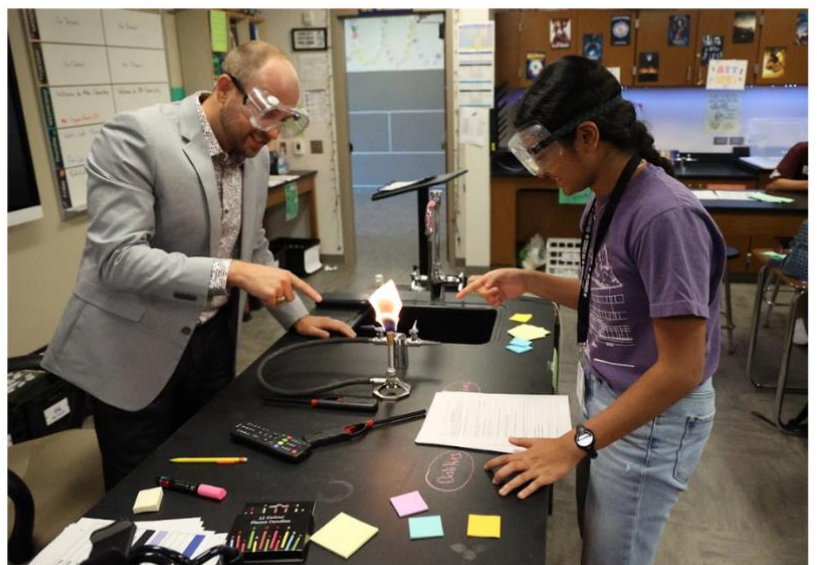


2025-2026



HIGH SCHOOL PLANNING GUIDE

Together we prepare our learners for their own unique success...each life...each day....each hour.



COLLEGE STATION
INDEPENDENT SCHOOL DISTRICT

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FRAMEWORK FOR

SUCCESS

Portrait of a Learner



CSISD LEARNERS WILL...

Develop their own learning path
to achieve individual goals

Establish knowledge and skills to
achieve personal success

Learn how to turn failure into
opportunity

Experience an abundance of
diverse learning options

Be engaged and involved in their
school and the community

Communicate effectively and
responsibly on multiple platforms
across diverse audiences

Graduate career, college or
military ready



All students should graduate from high school ready for college, careers and life, prepared to pursue the futures of their choosing.



Inspire - Sparking motivation to ignite action

Connect - Cultivating relationships and bridging new information
with prior experiences

Explore - Learning motivated by curiosity, discovery, and inquiry

Create - Developing and constructing innovative designs

Engage - Captivating through immersive, meaningful experiences

Reflect - Taking time to process, develop awareness, and evaluate learning

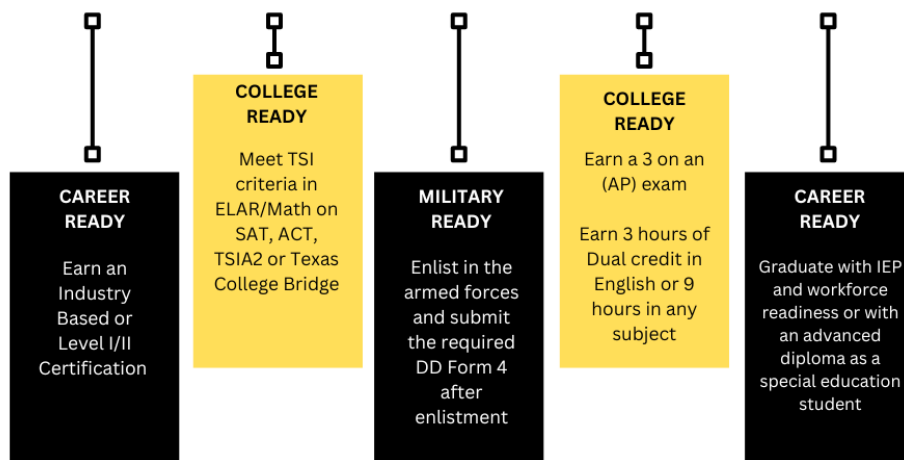
Together we prepare our learners for their own unique success -- each life...each day...each hour.



The Texas Education Agency (TEA) lists ways high school students can demonstrate readiness for college, career, and military endeavors after high school. Rather than being required for high school graduation, the CCMR criteria exist in part to provide students with indications that they are prepared for college and the world of work.

Progress toward these indicators is also monitored to determine how well schools are preparing students for life after high school. Many students meet several of the criteria during their high school careers. CSISD strives for each graduate to meet **at least one** of the CCMR indicators through high school programming. TEA adjusts the list of CCMR indicators from time to time according to new options available to students. High school students and parents may use the list to understand and plan for ways to meet CCMR benchmarks and readiness criteria. School counselors meet with students yearly to select the courses that will best prepare them to meet their graduation and postsecondary goals and are an excellent resource for postsecondary planning.

WAYS THAT GRADUATES OF CSISD CAN DEMONSTRATE COLLEGE, CAREER OR MILITARY READINESS



CSISD Programs to support College, Career and Military Readiness

- *Advancement Via Individual Determination (AVID)* program and course are currently available at both comprehensive high schools. Students can enroll in AVID beginning in 7th grade at all three middle schools. Students can also enroll in AVID in 9th, 10th or 11th grade. AVID program information can be found on pages 45-46.
- *Advanced Placement (AP)* courses and assessments – students can take AP courses beginning in 9th grade through the end of high school. CSISD offers the following AP courses: English Language, English Literature, Calculus AB, Calculus BC, Statistics, Physics I, Physics 2, Physics C, Biology II, Chemistry II, Human Geography, World History, US History, Government, Macroeconomics, Spanish Language, Spanish Literature, French Language, German Language, Studio Art.
- *Career and Technical Education Programs of Study* – CSISD offers courses for 22 Programs of Study. Many of these Programs of Study offer Industry Based Certifications along the way.
- *Dual Credit course offerings* – dual credit classes are available with Blinn for English IV, Government and Economics; technical dual credit is also offered for some CTE courses each year.
- *School Day Assessments* – PSAT, SAT, ACT, TSIA2, ASVAB, AP Testing

Texas Success Initiative

Texas law requires all students entering college to meet college readiness standards. Students who do not meet these college readiness standards may be required to take remedial courses which do not count for graduation. Each year the Texas Success Initiative (TSI) exam is offered on the high school campuses to current juniors and seniors. There is a minimal fee to take the test. Details about testing dates can be found in the Counseling office at each high school. TSI is typically taken by students who desire to attend college but have not taken the SAT/ACT or made a high enough score for placement in their college courses.

CSISD will use Texas College Bridge (TCB), an online, personalized College Preparatory Math (CPMATH) and English (CPELA) course to build college readiness skills. Upon successful completion of the TCB courses, students will earn credit for CPMATH and CELA. To receive the college prep credit, all coursework must be completed on-site. College Prep courses are excluded from GPA and ranking.

Texas Success Initiative Eligible Students:

- Seniors and juniors who do not take ACT, SAT, or TSIA/TSIA2
- Seniors and Juniors who tested and did not meet college readiness benchmarks in either ELAR or math, and
- Seniors who completed Algebra II. Seniors currently enrolled in Algebra II, will have access to TCB Math in their Algebra II-12 class.

NCAA (National Collegiate Athletic Association)

Students entering NCAA Division I, II institutions as freshmen who wish to receive financial aid and wish to practice and compete on an intercollegiate level must be certified by the Eligibility Center. To be certified by the Eligibility Center, students must complete a series of requirements that can be found on the NCAA website – <https://web3.ncaa.org/ecwr3/>

xello

Xello is an online college, career and military exploration and planning program that gives middle and high school students more control of their exploration and preparation for postsecondary success. Activities focus on assessing, recording, and reflecting on strengths, skills, and interests and thinking critically about how to apply new knowledge to create plans.

Students may search for colleges and majors by many different factors, including location, cost of attendance, programs offered, average admissions criteria, and more. Xello has career interest surveys to help students define their personal preferences and align them with possible careers to explore. Descriptions of numerous careers are available, including the typical education needed to work in the field, median income, typical daily tasks, and more. Students may save searches and create a portfolio and resume, as well.

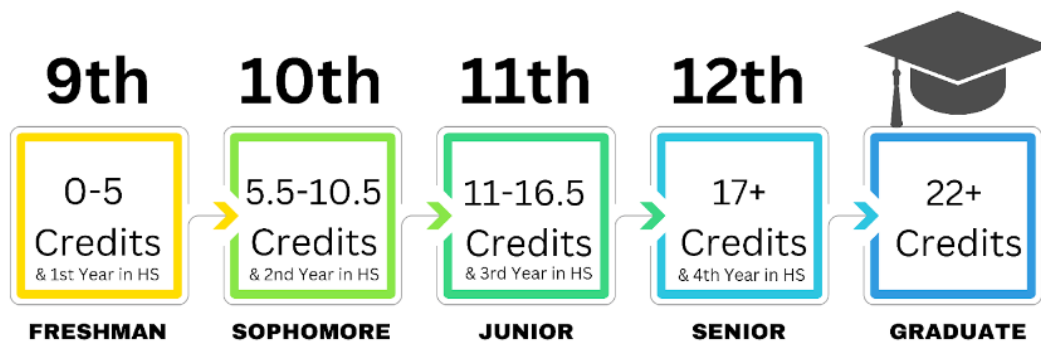
Additionally, students register for high school courses online through Xello. Current high school students will review their four-year plans in Xello and confirm their course selections. Incoming freshmen will build their four-year plans in Xello. Students can see past and current courses and add new courses for future school years. All CSISD students log into Xello on the main page of each high school website.

Four-Year Plans and PGPs

Four-Year Plans are created in 8th Grade. This plan is called a Personal Graduation Plan and is a working document used by counselors to track student completion of graduation requirements. A parent signature is required each year confirming they approve of their student's graduation plan. Starting in middle school, counselors educate students on the many program choices available in high school, assist them in understanding endorsement options required for graduation, and advise them on various course sequences to earn an endorsement. Students also explore career clusters and learn about the skills needed to do specific jobs.

Earning Credits & Student Classification

Credit is earned for courses in high school according to passing grades in each course. Each semester of a course is worth .5 credits, except in some Career Technical Education courses where the class is more than one class period per day. Credits earned through summer school, credit by exam, or correspondence need to be turned into the counseling office before the first day of school for classification purposes. This is the student's responsibility.



Required State Assessments for Graduation

Students will take the State of Texas Assessments of Academic Readiness (STAAR) exam at the end of English I, English II, Algebra, Biology, and U.S. History. To graduate, a student must achieve at least "approaches grade level" on each exam. Retest opportunities are available in spring, summer, and fall for students who do not pass their exams. HB 1416 requires students to be offered tutorials for each exam he/she fails. Tutorials are provided for each retest opportunity. Specific substitute assessments are allowed: Advanced Placement exams, PSAT, ACT and SAT scores may be used in place of failing STAAR scores. Details are available in the counseling office. HB 999 allows for students who have not passed all their exams

to qualify for an Individual Graduation Committee during their Senior year. To be considered for an Individual Graduation Committee, students must complete a series of requirements. English Language Learners who use the English I special provision must count that assessment as one of their failed assessments.

Other Graduation Requirements






The following are required for every senior before they can graduate. They are designated on the student's transcript.

- (1) **Students must complete the FAFSA/TAFSA graduation requirement** – Texas Education Code – 28.0526 requires all graduating seniors to either complete and submit the Free Application for Federal Student AID, complete and submit the Texas Application for State Financial Aid or sign an opt-out form.
- (2) **Students must watch the Police Officer Interaction video** - Senate Bill 30 requires all graduating seniors to be instructed on proper interaction with a peace officer during traffic stops and other in-person encounters.
- (3) **Students must complete CPR/AED training** – Texas Education Code – 28.0023 requires school districts to provide instruction in CPR to all graduating seniors.

Performance Acknowledgements

A Performance Acknowledgement highlights outstanding achievement in a specific area of study. Any Performance Acknowledgements earned are indicated on the student's transcript. To receive a Performance Acknowledgement, students must complete an application which is available in the counseling office or on the high school webpage. Applications are due in the counseling office by the beginning of May of the student's senior year. A student may earn a performance acknowledgment on their transcript for outstanding performance in one or more of the following ways:

PERFORMANCE ACKNOWLEDGEMENTS

COLLEGE CREDIT 12 HOURS OF DUAL CREDIT WITH AT LEAST A 3.0 GPA	
AP TEST EARN A 3 ON AN AP EXAM AT ANY TIME IN HIGH SCHOOL	
BILINGUALISM EARN 3 CREDITS IN THE SAME LANGUAGE AND EARN A 3 OR HIGHER ON AN AP EXAM FOR LANGUAGE	
STANDARDIZED TEST NATIONAL MERIT SEMIFINALIST, COMMENDED OR SCHOLAR OR SAT SCORE OF 1310 OR ACT SCORE OF 28	
CERTIFICATE / LICENSE EARN NATIONALLY RECOGNIZED BUSINESS OR INDUSTRY CERTIFICATION	

CSISD Graduation Plans

Students graduating from a Texas high school must complete graduation requirements outlined by the state and receive a passing score on each of the five End of Course (EOC) Exams. Each student will graduate under one of the graduation plans. All students automatically start under the Foundation High School Plan with Endorsement. **Only applicants who have completed the Foundation Plan with Endorsement or Distinguished Level of Achievement are eligible to apply for admission to a four-year Texas institution.** This also applies to students eligible for automatic admission by graduating in the top ten percent of their class. If a student wants to graduate under the Foundation High School plan without an endorsement, the student must attend a meeting with the counselor and a parent to discuss post-secondary impacts. This decision cannot be made until the student is in 11th grade.

Foundation High School Plan + Endorsement + Distinguished Level of Achievement	Foundation High School Plan
English – 4 credits English I, II, III, one additional approved English course	English – 4 credits English I, II, III, one additional approved English course
Math – 4 credits Algebra I, Geometry, Algebra II, one additional approved math course	Math – 3 credits Algebra I, Geometry, one additional approved math courses
Science – 4 credits Biology; IPC, Chemistry or Physics; two additional approved science courses	Science – 3 credits Biology; IPC, Chemistry or Physics; one additional approved science course
Social Studies – 3 credits World Geography or World History, US History, Government and Personal Financial Literacy and Economics	Social Studies – 3 credits World Geography or World History, US History, Government and Personal Financial Literacy and Economics
Foreign Language – 2 credits Two levels of the same language	Foreign Language – 2 credits Two levels of the same language
Physical Education – 1 credit	Physical Education – 1 credit
Fine Arts – 1 credit	Fine Arts – 1 credit
Electives – 7 credits Should meet the requirements of at least one endorsement	Electives – 5 credits

** Students should check with their counselor regarding approved English, math and science courses*

** TEA Education Code requires student to demonstrate proficiency in communication skills needed for professional and social success. The state requirement will be met through the completion of English IV or approved substitutions.*

Endorsements

An endorsement is a pathway a student has chosen for their coursework in high school. CSISD offers all five of the endorsement options offered by the State of Texas. We default students to the multidisciplinary endorsement because these core academic courses are required for admission to most four-year universities. However, we highly encourage students to choose an additional endorsement in consultation with their counselors. The chart below outlines the course requirements for earning different endorsements.

Endorsement Choose at least one	Requirements Must meet the curriculum requirements for the endorsement and graduate with four math credits and four science credits plus two additional elective credits
STEM	A coherent sequence or series of courses selected from one of the following: <ul style="list-style-type: none"> • CTE courses with a final course from the STEM career cluster • Five credits in Math or five credits in Science
Business and Industry	Coherent sequence or series of courses selected from one of the following... <ul style="list-style-type: none"> • Agriculture, Food, & Natural Resources • Architecture & Construction • Arts, Audio/Video, Technology & Communications • Business Management & Administration Finance • Hospitality & Tourism • Information Technology • Three years of Debate, Newspaper or Yearbook
Public Service	A coherent sequence or series of courses selected from one of the following: <ul style="list-style-type: none"> • Education and Training • Health Science, Human Services • Law, Public Safety, Corrections, and Security career cluster
Arts and Humanities	A coherent sequence or series of courses selected from one of the following: <ul style="list-style-type: none"> • Five credits in Social studies • Four years of the same language in Languages Other Than English • Two levels in each of two languages in Languages Other Than English • Four courses from one or two categories (art, dance, music, and theater) in fine arts
Multidisciplinary Studies	A coherent sequence or series of courses selected from one of the following: <ul style="list-style-type: none"> • Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics • Four credits in AP, IB, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts

The Texas First Program

Students who graduate early and earn a Texas First Diploma receive a scholarship at participating institutions. Students who graduate two or more semesters before their class receive a two-semester scholarship, equivalent to the amount of the TEXAS grant, to a participating college, university, or technical college. Students who graduate one semester early receive a one-semester scholarship to a participating institution of higher education. Students may also be eligible for additional financial aid at most of these institutions.

The Texas First Diploma does not guarantee automatic admission for students. Students should ask their counselor if their grade point average at graduation qualifies them for automatic admission under the state's top 10 percent law. Students who graduate early with a Texas First Diploma may apply to any college or university they choose. However, the scholarship will apply only at the Texas public institution of higher education where they have been admitted.

The scholarship offer will expire at the end of the first academic year following a student's graduation, so students are encouraged to attend college directly after high school.

Students should contact their counselor to learn more about this program and verify their eligibility.

CSISD Grading Procedures

Scan the QR code to review the complete CSISD Grading Procedures document.



Transcripts

Enrolled students will receive a transcript at the beginning of the registration process. Transcripts include current GPA and ranking. Seniors wishing to send transcripts to colleges should check whether their college requires paper copies or if their college prefers electronic copies of transcripts. Unofficial transcripts are available in the student's HAC account. Official transcripts can be ordered on the counseling websites. It is the student's responsibility to request transcripts on time. Transcript codes are listed below.

A – Adv Tech Credit	AD – Advanced	AJ – Adv Prior to HS	B – Repeat Course
C – Correspondence	D – Dual Credit	E – Credit or Accel	F – Failed
J – HS Couse Before Gr 9	MD – Module Course	P – Pass or AP Course	R – Summer School
RB – Summer B	RY – Summer A	T – Credit by Exam	WP – Withdraw Passing
WF – Withdraw Failing	X – TEA Innov Course	Y – Credit Recovery	YA – Credit Recovery A
WB – Credit Recovery B	1 – PE Substitution	8 – LOTE Substitution	*Denied Credit - Attend

Transfer Students

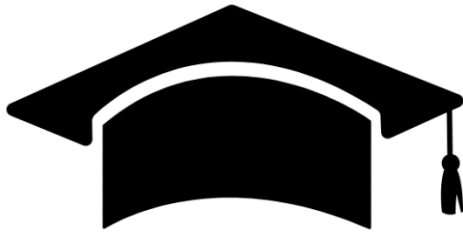
A student transferring into the District from a TEA accredited school (or an American school located outside the country) will receive the numerical grade earned in courses from that school. Anything that says "F" will be given a 69. Weighted courses will be honored and converted to match our system. Students from other countries will receive Ps for passing in appropriate courses. Letter grades will be converted as follows:

A+ =	100	B+ =	90	C+ =	79	D+ =	74
A =	95	B =	85	C =	77	D =	72
A - =	90	B - =	80	C - =	75	D - =	70

Foreign Exchange Programs

CSISD welcomes and supports students who participate in foreign exchange programs each year. Current CSISD students who are interested in participating in a foreign exchange program should meet with their counselor to make a plan for earning credits while they are abroad.

GPA and Class Rank Class of 2026



GPA's are calculated at the end of each semester. All grades on a student's transcript, including failing grades and repeated courses (for remediation), will be included in GPA and class rank except as stated below. Advanced and Advanced Placement courses receive a weight of 10 extra points added to the numerical semester average when calculating GPA. (Additional 10 points will not be shown on transcript.). Total GPA is calculated by adding the GPA of each semester course together and dividing by the number of courses taken. All students shall be ranked upon basis of weighted grade averages. When reporting GPA's to colleges and universities, a numerical weighted value is reported. If a student repeats a course for remediation only, the existing grade as well as the new grade is averaged into the GPA. Credit is received only once. If a student is denied credit due to excessive absences, the grade will be calculated into the GPA as failing. A grade of WF is calculated in the GPA as zero

grade points. When a student successfully completes a semester of work with a grade of 70 or higher, one-half (1/2) credit is earned. Each semester stands alone. Courses noted with an "*" are considered weighted for the Class of '26.

Courses Used in Calculations Include - High school-level Advanced courses at middle school; Dual Credit courses; Grades earned at other accredited high schools; Courses taken at CSISD high schools (including summer school and courses taken for initial credit or credit recovery). Courses noted with an "*" are considered weighted (5.0) for the Class of '26.

Courses NOT Used in Calculations Include - Non-Advanced High School courses taken at the middle school; Courses taken at Texas A&M University, Blinn College, or any other university or college except those earned as part of our Dual Credit Program; Correspondence courses or Credit by Exams (remediation or acceleration) or off campus (preapproved) P.E. equivalents (the grade earned in these courses will appear on the transcript, but it does not calculate in the GPA); Noncredit courses; Semester grade of WP; Non-accredited schools, programs, or curricula. Courses noted with an "*" are considered weighted (5.0) for the Class of '26.

GPA Calculation: Class of 2026

Average	On Level	Advanced / AP
100	4.0	5.0
99	3.9	4.9
98	3.8	4.8
97	3.7	4.7
96	3.6	4.6
95	3.5	4.5
94	3.4	4.4
93	3.3	4.3
92	3.2	4.2
91	3.1	4.1
90	3.0	4.0
89	2.9	3.9
88	2.8	3.8
87	2.7	3.7
86	2.6	3.6
85	2.5	3.5
84	2.4	3.4
83	2.3	3.3
82	2.2	3.2
81	2.1	3.1
80	2.0	3.0
79	1.9	2.9
78	1.8	2.8
77	1.7	2.7
76	1.6	2.6
75	1.5	2.5
74	1.4	1.4
73	1.3	1.3
72	1.2	1.2
71	1.1	1.1
70	1.0	1.0
69 under	0	0
All classes below a 69 or below receive no credit		

GPA Calculation Example

1. Look at semester average for each course
2. Find the grade on the chart above
3. Determine whether the course is on-level or Advanced / AP
4. Total the grade points and divide by the number of semester credits earned (courses passed)
5. This will give you the GPA

Total points = 45.4 / total credits earned = 12
GPA = 3.78

Course	Semester	Average	GPA Calc
Advanced English 1	Sem 1	92	4.2
	Sem 2	97	4.7
Geometry	Sem 1	91	3.1
	Sem 2	88	2.8
Advanced Geography	Sem 1	98	4.8
	Sem 2	96	4.6
Biology	Sem 1	90	3.0
	Sem 2	87	2.7
Track	Sem 1	100	4.0
	Sem 2	100	4.0
Princ. of Ag	Sem 1	96	3.6
	Sem 2	99	3.9

Grade Point Average & Class Ranking for the Graduating Class of 2027 and Beyond



CSISD Board Policy EIC (Local)

CSISD Board Policy EIC (Local) is the Academic Achievement & Class Rank policy that provides the parameters for how we calculate Grade Point Averages, set tiers and weights of courses, and determine graduation honors. During the 2021-2022 year a committee of students, parents, community members and educators revised this policy, and these changes will be implemented with the graduating Class of 2027 cohort of students.

What is a grade point average?

Grade point averages measure academic achievement by contextualizing individual student performance by comparing students to others in the same graduating class.

How is GPA used?

GPA's are used for class rank and to illustrate the level of rigor or difficulty of courses taken. This is important for college admissions, scholarship eligibility, and for local graduation honors.

How is GPA calculated?

For the calculation of class rank GPA, grades earned in eligible high school credit courses taken at any grade level will be included. Semester grades used in the calculation of class rank will include the following courses:

- Up to eight semesters each of English, mathematics, science, and social studies.
- Up to two semesters of languages other than English.

If a student completes more than the number of semesters listed above, the class rank calculation will include the eligible semester grades within each category with the highest converted grade point value.

How are courses included in the GPA calculation weighted?

Courses eligible to be included in the class rank GPA will be weighted as follows:

- **Tier 1 (6.0 weight):** Advanced Placement courses
- **Tier 2 (5.5 weight):** eligible dual credit (courses that count for college & high school credit) and advanced courses
- **Tier 3 (5.0 weight):** all other eligible courses (including courses taken in summer school, by correspondence, credit by exam, or through an accredited distance learning program)

How are elective courses considered in context of GPA and a student's academic record?

While elective credit courses, such as fine arts, career and technical education, and physical education will not be included in the class rank GPA calculation, they are important to the development of well-rounded students and are necessary to meet graduation requirements. Grades in these courses have been and will continue to be included on transcripts. Colleges and universities may consider these courses in holistic review. In some cases, students may be asked to submit an unweighted cumulative GPA for college and scholarship applications which includes all courses on a student's transcript, and this will be provided by request.

Which courses are eligible for inclusion in the GPA? Class of 2027 and beyond

The following English, mathematics, science, and social studies courses are eligible for inclusion in the rank GPA. Courses that do not appear in the list below are not included in the student's rank GPA, but they are included on the student's transcript. The district will convert semester grades to grade points and calculate the rank GPA using the following chart. (*Courses not listed here but taken by CBE will count in the rank GPA. Ex: Mandarin Chinese, Latin*)

Tier I 6.0 Scale	Tier II 5.5 Scale	Tier III 5.0 Scale
English		
English III AP English IV AP	English I Advanced English II Advanced English III Advanced English IV Advanced English IV Dual Credit	English I English II English III English IV ESOL I, ESOL II
Math		
AP Calculus AB AP Calculus BC AP Statistics	Algebra I Advanced Geometry Advanced Algebra II Advanced Pre-Calculus Advanced	Algebra I Geometry Algebra II Pre-Calculus Algebraic Reasoning Data Analysis Mathematical Models Math Applications in Ag Accounting II Robotics II
Science		
Biology II AP Chemistry II AP Physics I AP Physics II AP Physics C AP	Biology Advanced Chemistry Advanced Anatomy and Physiology Advanced Scientific Research and Design Advanced	Biology Chemistry Physics Principles of Technology IPC Chemistry in the Community Environmental Systems Scientific Research and Design Animal Science Plant Science Forensic Science
Social Studies		
Human Geography AP World History AP US History AP Government AP Macroeconomics AP European History AP Psychology AP	World Geography Advanced World History Advanced US History Advanced Government Advanced Personal Financial Literacy and Economics Advanced Government Dual Credit Economics Dual Credit US History Dual Credit	World Geography World History US History Government Personal Financial Literacy and Economics Sociology / Psychology History of Sports US History Through Film Personal Financial Literacy Economics
Languages Other Than English		
Spanish IV AP Spanish V AP German IV AP French IV AP	Spanish II Advanced Spanish III Advanced German II Advanced German III Advanced French II Advanced French III Advanced Computer Science II	Spanish I Spanish II German I German II French I French II Computer Science I Spanish for Heritage Speakers

Grade	Tier 1 AP	Tier 2 Adv and Dual	Tier 3 On- Level
100	6.0	5.5	5.0
99	5.9	5.4	4.9
98	5.8	5.3	4.8
97	5.7	5.2	4.7
96	5.6	5.1	4.6
95	5.5	5.0	4.5
94	5.4	4.9	4.4
93	5.3	4.8	4.3
92	5.2	4.7	4.2
91	5.1	4.6	4.1
90	5.0	4.5	4.0
89	4.9	4.4	3.9
88	4.8	4.3	3.8
87	4.7	4.2	3.7
86	4.6	4.1	3.6
85	4.5	4.0	3.5
84	4.4	3.9	3.4
83	4.3	3.8	3.3
82	4.2	3.7	3.2
81	4.1	3.6	3.1
80	4.0	3.5	3.0
79	3.9	3.4	2.9
78	3.8	3.3	2.8
77	3.7	3.2	2.7
76	3.6	3.1	2.6
75	3.5	3.0	2.5
74	3.4	2.9	2.4
73	3.3	2.8	2.3
72	3.2	2.7	2.2
71	3.1	2.6	2.1
70	3.0	2.5	2.0
Below 70	0	0	0

How do I figure out my GPA?

1. Look at the semester average for each course
2. Find the grade on the chart in the left column
3. Determine the level of the course and use the appropriate grade point for that course
4. Total the grade points and divide by the number of semester courses that count in the GPA - this will give you the GPA

Advanced English 1	Sem 1 – 89	4.4	Sem 2 - 92	4.7
Geometry	Sem 1 – 98	4.8	Sem 2 - 96	4.6
AP Human Geography	Sem 1 – 90	5.0	Sem 2 – 94	5.4
Spanish 2 Advanced	Sem 1 – 91	4.6	Sem 2 – 93	4.8
Biology	Sem 1 – 98	4.8	Sem 2 - 95	4.5
Total Points = 47.6 GPA Credits = 10 GPA = Total Points / Credits = 4.76 GPA				

Course Requests

It is important for students to select courses based on their personal four-year plan. The choices made during course selection determine the creation of the master schedule. The master schedule is designed to maximize choices for students and minimize scheduling conflicts. Students should choose their alternate courses carefully since those courses may be used in the event a course request does not fit in the master schedule or a course doesn't have enough students to be offered in the final master schedule. Courses offered are subject to interest and staffing.

Students in 9th, 10th, and 11th grade will meet with their counselor individually to choose their courses for the next year. Students in 8th grade will meet individually with one of the secondary counselors to plan their high school courses.

Parents of 8th grade students will have an opportunity to get help with registration. Parents are **strongly encouraged** to attend one of the help sessions or schedule an appointment with the high school counselor. Course requests will be final May 15, 2025. After this time, requests for changes may be considered based upon course availability. Students who are concerned about any course request should sign up to see a counselor prior to the May 15, 2025 deadline.

Level Change Procedures

For students enrolled in AP or Advanced courses, the following guidelines will need to be met for a level change to be made: (1) students must stay in the class for a minimum of two weeks before they can consider dropping a level (2) pick up the level change form from the counseling office and begin the process of dropping. All students are required to complete the requirements outlined on the drop form (3) meet with the teacher to discuss the level change (4) if they decide to drop the level, the student must turn in the completed form with all required signatures to the counseling office no later than the 9th week of classes. No changes will be made after the 9th week of classes until the semester ends. Grades from the dropped upper-level course will be carried and added to the lower-level course. A request to change a course/drop a level will likely change the student's entire schedule. **We do not overload classes to make schedule changes.** If we need to switch multiple courses to keep them balanced, we will do that.

Early Graduation

To pursue early graduation, a student must meet with a counselor and have the approval of a parent and principal. Students who graduate early will have their GPA calculated in accordance with the CSISD Board Policy EIC (Local) in alignment with their graduating class. Students interested in graduating early could be eligible for the *Texas First Diploma*. More information can be found on the high school counseling websites.

Withdrawing From a Class

WP / WF - when a student exits a course (not a level change) after twenty class days during a semester, a semester grade of WP (withdrawn passing) or WF (withdrawn failing) is recorded for that course. When computing semester GPA, WP is not included and WF is averaged as a zero.

Algebra II Graduation Notification

In accordance with Texas Education Code 28.02123, we are providing the following notification regarding certain high school graduation requirements to all parents and guardians of students in grades 9-12. Students are not required to complete Algebra II to graduate under the foundation high school program; however, there are potential consequences when students do not complete this course including the following: (1) Automatic college admission for eligible students (2) Eligibility for financial aid under Title 3 including: TEXAS grant program and The Texas Educational Opportunity Grant Program.

Special Requirements for Physical Education/Activity Courses

A student may not enroll in more than one physical education or athletic class per semester. A student dropped from an athletic program during the semester will be enrolled in a regular physical education class or study hall for the remainder of the semester. Based upon the physical activities involved in drill team, marching band, and cheerleading during the fall semester, students may use these activities as a waiver for the required units of physical education. If a student's health warrants a homebound placement, a modified physical education curriculum will be delivered by the campus homebound teacher. Off-campus PE must be approved through Central Office before the first day of each school year.

Language Other Than English (LOTE) Substitutes

The Foundation High School Program requires a student to complete two levels of a language other than English. If a student, after completing the first level of a language, demonstrates he/she is unlikely to be successful in the second level of the same language, a substitution can be discussed with the counselor, student, and parent. The substitute can't be used to satisfy the coherent sequence requirement for any endorsement. It also may not fulfill the foreign language admissions requirement for most colleges/universities. It's the student's responsibility to check their college/university to determine their admission requirements. A student, who due to a disability, is unable to complete two credits in the same language in LOTE, may substitute a combination of two credits from CTE courses. The student's ARD or 504 committee will be responsible for determining this eligibility. Any LOTE substitute will be indicated on the student's transcript with an "8."

High School Courses in Middle School

CSISD offers courses in 7th and 8th grade that count for high school credit. Students who take these courses must meet all required prerequisites. These courses and the numerical averages earned in them will be reflected on the student's high school transcript, but only Advanced courses and Spanish I will be eligible to be included in the high school GPA.

Beginning in 2021 and as required now in Title 19 of the Texas Administrative Code (TAC), 101.3011, students who have completed STAAR EOC assessments while in middle school must take either the corresponding ACT or the SAT while in high school to fulfill federal testing requirements.

Minimum Course Load

All students are required to enroll in seven classes (or equivalent) each semester with the following exceptions: (1) Seniors may take a total of two periods of no credit (i.e., no class, aide, etc.). Seniors must have 5 classes for credit in their Senior year. (2) Freshmen, Sophomores and Juniors may take only one period of no credit (i.e., study hall, aide, etc.). (3) Fifth-year seniors graduating at mid-term must take a minimum of two classes (4) Students enrolled in vocational cooperative training programs must be enrolled in at least two other courses each semester. Seniors must have met the College, Career, and Military Readiness as established by the Texas Education Agency standards to have two no credit classes.

Repeating a Course

A student may request to repeat a course in which credit has been earned. The following guidelines are used: (1) The course is a foundation for subsequent courses (2) No credit is earned when a course is repeated (3) The second grade appears on the transcript along with the first grade. However, only the original credited average will be used to compute the student's overall grade point average.

Partial Credit

When a student earns a passing grade in only one semester of a course and the average for both semesters is lower than 70, then ½ credit will be given to the semester with the passing grade. If the combined average is equal to 70 or above, credit will be given for each semester. When averaging semester grades, it is possible to use semester grades from 2 different school years.

Dropping a Class with a Failing Grade – UIL Eligibility

As stated in the TEA & UIL Side-by-Side, dropping a class with a grade lower than 70 at the end of a grading period causes a student to lose eligibility until 7 calendar days after the end of the 3-school week evaluation period. Dropping from an advanced class, which is exempted from “no pass, no play”, does not cause loss of eligibility at any time unless full time status is affected.

Working During School Hours

Students may be employed during school hours only if enrolled in a career preparation program. Because employment is a required component of the programs, these programs are only open to juniors, seniors, and certain qualifying 16-year-olds. Career preparation training programs are designed to provide occupationally specific training. The training is planned and supervised cooperatively by the school and employers. A student is required to work on average, 15 hours per week. If not scheduled for a class, the student must be off campus. Transportation is not provided.

Advanced Academics

College Station ISD recognizes the value of student participation in advanced coursework, and our district is committed to providing opportunities for students to enroll in advanced academic courses.

- Advanced courses allow students to pursue areas of academic interest.
- Advanced courses are designed to challenge students beyond grade-level academic courses and prepare them for success in future advanced coursework.

Students who opt to participate in AP or Advanced courses must successfully complete prerequisite coursework prior to enrollment in the course. Students and their families must acknowledge the CSISD Advanced Placement/Advanced Course Commitment Form during the InfoSnap registration process.

Top 10% Graduates

This group of students consists of both three-year and four-year graduates who fall among the top 10% of the graduating class at the time of official rankings. They are eligible for automatic admission to any public university in Texas except the University of Texas (see details below). To be eligible for automatic admission, a student must: Complete the Foundation Plan with Distinguished Level of Achievement OR Satisfy the SAT or ACT score requirements for designated colleges/universities; Graduate in the top 10 percent of his/her class at a public or private high school in Texas; Enroll in college no more than two years after graduating from high school; Apply to a Texas public university for admission before the institution's application deadline. Since deadlines vary, students should check with the specific university to verify the application deadline. (Senate Bill 175 amended the top 10% for the University of Texas. Their automatic admission is top 6%).

Honor Graduates

To be able to graduate with honors, students must complete their final two semesters consecutively at the same CSISD high school. There will be no valedictorian or salutatorian. The highest-ranking students (the Summa Cum Laude graduates) will determine who or if a student speaks at graduation. GPA/Class rank that determines honor graduates (for graduation ceremony only) shall be calculated at the end of the 5th six weeks grading period of the senior year. Any "Valedictorian" scholarships will still be given to the top student. Classification of Honor graduates for the Class of '26 (Cum Laude – 3.5-3.79; Magna Cum Laude – 3.8-3.99; Summa Cum Laude - 4.0 and higher). Classification of Honor graduates for the Class of '27 and beyond (Cum Laude – 4.5-4.79; Magna Cum Laude – 4.80-4.99; Summa Cum Laude – 5.0 or higher) will be determined by CSISD school board policy.

Board of Trustees Academic Letter Scholars Program

The Academic Letter Scholars Program recognizes students who have distinguished themselves by hard work and study as academic scholars in the College Station Independent School District. Academic Letter Jackets are given to students who meet the following criteria:

- Senior in standing
- Take English, mathematics, science, and social studies courses during the regular school year for two consecutive years in CSISD and earn an overall grade point average of 3.75 (Classes of '25 and '26) and of 4.75 (Class of '27 and beyond) in those courses. A foreign language or "double option" (e.g., a second science, math, social studies, or English) may be substituted in a year when one of the four required areas is not in the student's schedule.
- Minimum of two Advanced courses must be taken from the four identified academic areas each year during the two-year period
- "Repeated" courses, courses for remediation, or correspondence courses may not be used in determining eligibility
- All courses considered must be classified as on level, Advanced or AP courses. All awards will be earned according to the rules applicable to the University Interscholastic League Awards Rule. The award jacket will be the same award earned in varsity athletic programs and will have the same letter except that a "lamp of knowledge" will be included at the bottom of the letter, signifying the student as an academic scholar.

Blinn College

Students may attend Blinn Junior College. Students must meet Blinn College requirements and have approval from a high school counselor. This grade does not count for high school credit, nor is it part of the GPA. Students may be required to provide a qualifying score depending on the number of credits hours they wish to take. Students may take one or two periods to attend one class or two or three periods for two classes. Proof of enrollment must be submitted to the counselor by the second week of each semester.

Texas A&M University

Students may apply for courses through Texas A&M University's admissions office. Check with Texas A&M for exact dates. Students must rank in the top quarter of their class and have written permission to apply. Students may have two high school periods for one TAMU class or three school periods for two TAMU classes. Students may only take courses not offered on our high school campuses. Students will pay the same application fee as well as tuition and fees as regularly enrolled TAMU students. This grade does not count for high school credit, nor is it part of the GPA. Students must pass or be exempt from the Texas Success Initiative (TSI) to apply. Proof of enrollment must be submitted to the counselor by the second week of each semester.

Dual Credit/Technical Dual Credit

Students may obtain college credit and high school credit simultaneously under an agreement with Blinn College and College Station ISD. Blinn and CSISD faculty teach the courses on the high school campuses. To be enrolled in a dual credit course, students must complete all Blinn enrollment requirements. Deadlines will be STRICTLY enforced. Each student is responsible for ensuring the Blinn College Dual credits will be accepted at the college of their choice. The following courses are approved for dual credit enrollment for the 2025-2026 school year:

- English IV (Blinn-English 1301, 1302) – 1 high school credit; 6 hours college credit
- Economics (Blinn Macroeconomics 2301) – ½ high school credit; 3 hours college credit
- United States History (Blinn – Hist 1301, 1302) – 1 high school credit; 6 hours college credit
- Government (Blinn Government 2305) – ½ high school credit; 3 hours college credit

Students may earn college credit through Technical Dual Credit programs. Technical Dual Credit offerings are contingent on staffing each year. These programs provide the student a way to start their college technical major in high school. Each student is responsible for ensuring the Blinn College Dual credits will be accepted at the college of their choice.

Credit by Exam for Acceleration / Recovery



Credit by exam for acceleration is offered during the summer through CSISD. Registration begins in the spring and is free to all students. Students must earn at least an 80 to receive credit for the course. Testing is also available during the school year but is scheduled individually.

Credit for recovery is available any time during the year. This expense is incurred by the student. Students must earn at least a 70 to recover credit for a course. All credits earned over the summer must be turned into the high school counseling office before the first day of classes to make sure students are enrolled in the correct course for the year. Credit by Exams count in the student's GPA as an on-level course.

Correspondence Courses

Correspondence courses are available through Texas Tech University and The University of Texas. All costs are incurred by the student. Students are responsible for enrolling and ordering all their own materials. Tests can be proctored in the counseling office, but a time must be scheduled ahead of time. Correspondence courses count in the GPA as an on-level course.

Summer School & Night School

Courses are offered in the summer for advancement and for credit recovery. Tuition is set by the district and paid for by the student. Free and reduced prices are offered. Details about summer school are released in late spring each year. Contact your counselor to make sure you are signing up for courses you need for graduation. Additionally, night school is offered during the school year as an additional option for advancement and credit recovery.

Campus-Based Credit Recovery Labs

Each high school campus offers a credit recovery lab monitored by school staff where students may work on their online credit recovery courses. Students may repeat a course for credit recovery using CSISD approved software on the high school campus. Grades earned for completing eligible courses with district-approved software shall be computed for determining class rank. All credit recovery students will earn a grade of 70 when their course is completed. Credit Recovery is used for students to recoup credit of a class that has been previously attempted but not completed successfully. Our Credit Recovery labs use the Edmentum computer program for all credits except for Algebra II and English III; these courses use Texas College Bridge. Students using Edmentum courses must pass each quiz, test, and cumulative exam with a grade of 70.

Course Descriptions – English Language Arts

English I -- # 1110 (03220100 ENG 1) / 1 credit / Grade 9 / NCAA: yes

Prerequisites: none

This course prepares all students to grow as thoughtful readers, thinkers, communicators, and writers. Students will learn to ask meaningful questions, seek answers, and critically reflect on the results. English I prepares students for expository and argumentative writing, but students will also continue to work on narrative and informational writing. In their reading, students will be encouraged to learn about themselves and the world around them by critically engaging with a variety of texts. This course will challenge and grow students on grade level standards. (English credit)

English I Advanced -- # 1133 (03220100 ENG 1) / 1 credit / Grade 9 / NCAA: yes

Prerequisite: teacher recommendation

In addition to the English I course content, this course is designed to prepare students for success in Advanced English II by developing the skills students need to read more challenging texts, discussing in greater depth, and refining skills in writing to a greater degree. Students will build foundational reading and writing skills for literary and rhetorical analysis. In addition, there is an increased opportunity for independent reading and writing practice, including outside of class. (English credit) *

English I for Speakers of Other Languages I (ESOL I) -- #1080 (03200600 ENG1 SOL) / 1 credit / Grades 9-12 / NCAA: no

Prerequisite(s): Emergent Bilingual students in the beginner or intermediate level of proficiency in English.

This course prepares all students to grow as thoughtful readers, thinkers, communicators, and writers. Students will learn to ask meaningful questions, seek answers, and critically reflect on the results. ESOL I prepares students for expository and argumentative writing, but students will also continue to work on narrative and informational writing. In their reading, students will be encouraged to learn about themselves and the world around them by critically engaging with a variety of texts. This course provides targeted and focused second language acquisition strategies that support the development of both interpersonal English skills and academic English. (English credit) *Completion of this course fulfills the state English I graduation requirement.*

English II -- # 1210 (03220200 ENG 2) / 1 credit / Grade 10 / NCAA: yes

Prerequisites: English I

This course prepares all students to grow as thoughtful readers, thinkers, communicators, and writers. Students will learn to ask meaningful questions, seek answers, and critically reflect on the results. English II prepares students for persuasive, informational, analytical and narrative writing. In their reading, students will be encouraged to learn about themselves and the world around them by critically engaging with a variety of world literature texts. This course will challenge and grow students on grade level standards. (English credit)

English II Advanced -- # 1233 (03220200 ENG 2) / 1 credit / Grade 10 / NCAA: yes

Prerequisites: English I credit and teacher recommendation

In addition to the English II course content, this course builds on skills developed in Advanced English I. Advanced English II focuses on advancing students' independent reading and writing skills in literary analysis and rhetoric (argumentative writing) with continuing opportunities for reading and writing both inside and outside of class. (English credit) *

English II for Speakers of Other Languages II (ESOL II) -- #1090 (03200700 ENG2 SOL) / 1 credit / Grades 9-12 / NCAA: no

Prerequisite(s): ESOL I or equivalent course and be an Emergent Bilingual student in the beginner or intermediate level of English proficiency.

This course prepares all students to grow as thoughtful readers, thinkers, communicators, and writers. Students will learn to ask meaningful questions, seek answers, and critically reflect on the results. ESOL II prepares students for persuasive writing, but students will also continue to work on narrative and informational writing. In their reading, students will be encouraged to learn about themselves and the world around them by critically engaging with a variety of texts. This course provides targeted and focused second language acquisition strategies that support the development of both interpersonal English skills and academic English. (English credit) *Completion of this course fulfills the state English II graduation requirement.*

English III -- # 1310 (03220300 ENG 3) / 1 credit / Grade 11 // NCAA: yes

Prerequisites: English I, II

This course has been designed to help students develop into more engaged, confident, and effective communicators. Students will work in a variety of American fiction, nonfiction, drama, poetry, short stories, and essays. Class time will often focus on reading, writing, and conferring with the teacher and other students. Instruction will focus on developing students' analytical reading and writing skills. Assessments will focus on analysis, relevance, process, and progress. (English credit)

English III Advanced -- #1320 (03220300 ENG 3) / 1 credit / Grade 11 / NCAA: yes

Prerequisites: English I, II, and teacher recommendation

English III Advanced includes a survey of religious, philosophical, and literary movements in American literature. Students will read literature (including poetry, fiction, nonfiction, and plays) outside of class for in class analysis and complete most of the writing assignments outside of class. This course follows a rigorous pace and often requires homework. (English credit) *

English III Advanced Placement -- # 1330 (A3220100 APENGLAN) / 1 credit / Grade 11 / NCAA: yes

Prerequisites: English I, English II and teacher recommendation

Builds on skills developed in Advanced English I and II. Designed to prepare students for success on the AP Language and Composition Exam, English III AP focuses on moving students from guided to independent analysis and composition of rhetoric (persuasive speaking and writing). This course requires daily home-work and independent reading. A student earning a qualifying score on the AP English Language and Composition exam may place out of three to six college credit hours. Per the College Board, the AP English Language and Composition course focuses on the

development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods. (English credit) *

***** Several courses can be used as substitutes for English IV: (1) Debate III, Oral Interp III, (2) Newspaper and Yearbook III (3) Creative Writing – full year or half combined with Communication Applications (4) Communication Applications ½ credit *** Eng IV Substitutions do not count in the rank GPA for Cohort 2027 and beyond.**

*****TEA Education Code requires students to demonstrate proficiency in communication skills needed for professional and social success. The state requirement will be met through the completion of English IV or approved substitutions.**

English IV -- # 1410 (03220400 ENG 4) / 1 credit / Grade 12 / NCAA: yes

Prerequisites: English I, II, III

Survey of political, religious, philosophical, and literary movements in literature from the Anglo-Saxons to the 20th century. Exposure to major authors, works, and themes, focusing on literary analysis and poetry. Emphasis on reading, writing, language usage, literary devices, and research skills. Preparation for the world beyond high school is a constant motif. (English credit)

English IV Advanced -- #1420 (03220400 ENG 4) / 1 credit / Grade 12 / NCAA: yes

Prerequisites: English I, II, III, and teacher recommendation

English IV Advanced offers a concentrated analytical and interpretive study of British literature that includes literature-related analytical writing. Development of the writing process includes emphasis on expository, argumentative, analytical writing, and on logical and critical thinking. This course follows a rigorous pace and often requires homework. (English credit) *

English IV Advanced Placement -- # 1430 (A3220200 APENGLIT) / 1 credit / Grade 12 / NCAA: yes

Prerequisites: English I, II, III and teacher recommendation

Builds on skills developed in Advanced English I and II and English III AP. Designed to prepare students for success on the AP Literature and Composition Exam, English IV AP focuses on moving students from guided to independent analysis of fictional literature (poetry and prose). This course requires daily homework and independent reading. A student earning a qualifying score on the AP English Literature and Composition exam may place out of three to six college credit hours. Per the College Board, the AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. (English credit) *

English IV Dual Enrollment/Blinn Freshman English -- # 1440 (03220400 ENG 4) (ENG 1301, ENG 1302) / 1 credit / Grade 12 / NCAA: yes

Prerequisites: English III credit, acceptance to Blinn College (includes application, qualifying TSIA or ACT or SAT scores, and dual credit course application before May 1; students who register for the course will have a meeting to discuss and complete these requirements)

This course follows the required curriculum for Blinn College English 1301 and 1302 courses, in addition to TEKS required for English IV credit. During the first semester, this composition course focuses on the writing of researched argumentative, expository, and persuasive papers. Analytical reading, critical thinking, and library-based research skills are emphasized. The second semester further develops the analytical, thinking, and research skills underlying academic success through the study of literature. The student's writing of genre-based essays, including researched papers, reinforces the thinking skills associated with interpretation, explication, evaluation, analysis, and synthesis. Upon successful completion of both semesters of this year-long course, the student can earn six (6) hours of college English credit, as well as a numerical grade for high school senior English credit based on both the Blinn work and the supporting English IV assignments. (English credit) Fee: Students pay Blinn tuition and textbook fees each semester. (Dual Credit Page 19)

Creative Writing -- # 1480 (03221200 CREAT WR) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: none

The Creative Writing course is designed for students who enjoy writing as a form of self-expression and art. The course will develop foundational writing habits and skills through writer participation in Writer's Workshop which fosters the development of the writer through consistent, purposeful writing; mindful, focused use of the writing process; and extensive study of craft and genre. Writers will write consistently and voluminously. They will be expected to continually generate daily, original writing to practice skills and to regularly publish workshoped writings as a measurable demonstration of skills. Writers will be required to share their work in a myriad of ways within the classroom writing community and be encouraged to seek authentic publishing opportunities outside of the classroom. Completion of both semesters is required to substitute the course for English IV. (Elective Credit)

Reading I -- # 1100 (03270700 READ1) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Teacher placement

This high school reading course strives to help students reach a reading level consistent with their grade level by supporting growth of fluency, phonics, decoding, word recognition, spelling, and general comprehension. The goal of this course is to ensure that high school students have opportunities to read with competence, confidence, and understanding and can be successful in other courses and on all subjects of state assessments. (Elective credit)

Journalism -- # 1503 (03230100 JRNLSM) / 0.5 credit / Grades 9-12 / NCAA: yes

Prerequisites: Good writing skills

Review history and the contemporary role of mass print media in the United States and the law and ethics of the press; in-depth and intensive study of journalistic interviewing and forms of writing and the basic principles of newspaper layout, including photography and design. Interested students who successfully complete this course can apply for newspaper staff. This course is only offered in the fall semester. (Elective credit)

Journalism: Newspaper Production I, II, III, IV -- # 1510 (NP 1), # 1520 (NP 2), # 1530 (NP 3), # 1540 (NP 4) (03230140 NP1, 03230150 NP2, 03230160 NP3, 03231000 INDJOUR) 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Journalism, application required

Focuses on production of the school newspaper. Requires ability to assume responsibility, meet deadlines, and work independently on projects and may require time outside of school. Students produce all elements of the newspaper, including photos, stories, and design, using InDesign, Photoshop, Illustrator and Procreate.

Journalism: Yearbook Production I, II, III, IV -- # 1610 (YB 1), # 1620 (YB 2), # 1630 (YB 3), # 1640 (YB 4) (03230110 YBK1, 03230120 YBK2, 03230130 YBK3, 03231000 IND JOUR) 1 credit / Grades 10-12 / NCAA: no

Prerequisites: application required

Focuses on production and marketing of the school yearbook. Requires ability to assume responsibility, meet deadlines, and work independently on projects and may require time outside of school. Students produce all elements of yearbook pages, including photos, stories, captions, and layout, using InDesign, Photoshop, Illustrator and Procreate.

Debate I / Communication Applications -- # 1820 (03240600 DEBATE 1) (03241400 COMMAPP) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: None

Full-year course will enable student to earn 1 credit for Debate 1 with the option to earn 1/2 credit in Communication Applications at the end of the year through credit by exam. Students will learn the foundations for Public Forum Debate, Lincoln-Douglas Debate, Cross-Examination Debate, Student Congress, and Extemporaneous Speaking. Students will be expected to work independently on many projects. Students are encouraged but not required to attend speech/debate tournaments. (Elective Credit) Fee: cost for travel with speech/debate team, optional

Debate II, Debate III, Debate IV -- # 1840, (Debate 2), #1850 (Debate 3), #1930 (Debate 4) (03240700 DEBATE 2, 03240800 DEBATE 3, 03241200 IND SPCH) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Debate I

Advanced courses continue preparation in the various formats for debate. All students will be required to prepare and participate in out-of-town/overnight tournaments regularly as active members of the debate team. (Elective credit) Fee: cost for travel with speech/debate team *

Oral Interpretation/Communication Applications -- # 1900 (03240200 ORALINT1) (03241400 COMMAPP) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None

Full year course will enable the student to earn ½ credit for Communication Applications and 1 Credit for Oral Interpretation. Designed for students who want advanced training in a variety of public speaking and performance activities. Students will be trained in a variety of events offered from the Texas Forensic Association (TFA), National Forensic League (NFL) and the University Interscholastic League (UIL). Students will compose original oratories, follow, and speak on current issues, and as select, analyze, and perform a variety of literary works. Students will be expected to work autonomously and complete individualized assignments by specified deadlines. Participation in Speech and Debate Team is encouraged but not required. (Elective credit) Fee: cost for travel with speech/debate team, optional

Oral Interpretation II , Oral Interpretation III, Oral Interpretation IV -- # 1910 (II), #1920 (III), # 1930 (IV) (03240300 ORALINT2, 03240400 ORALINT3, 03241200 IND SPCH) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Oral Interpretation I, Debate I or Debate II Advanced

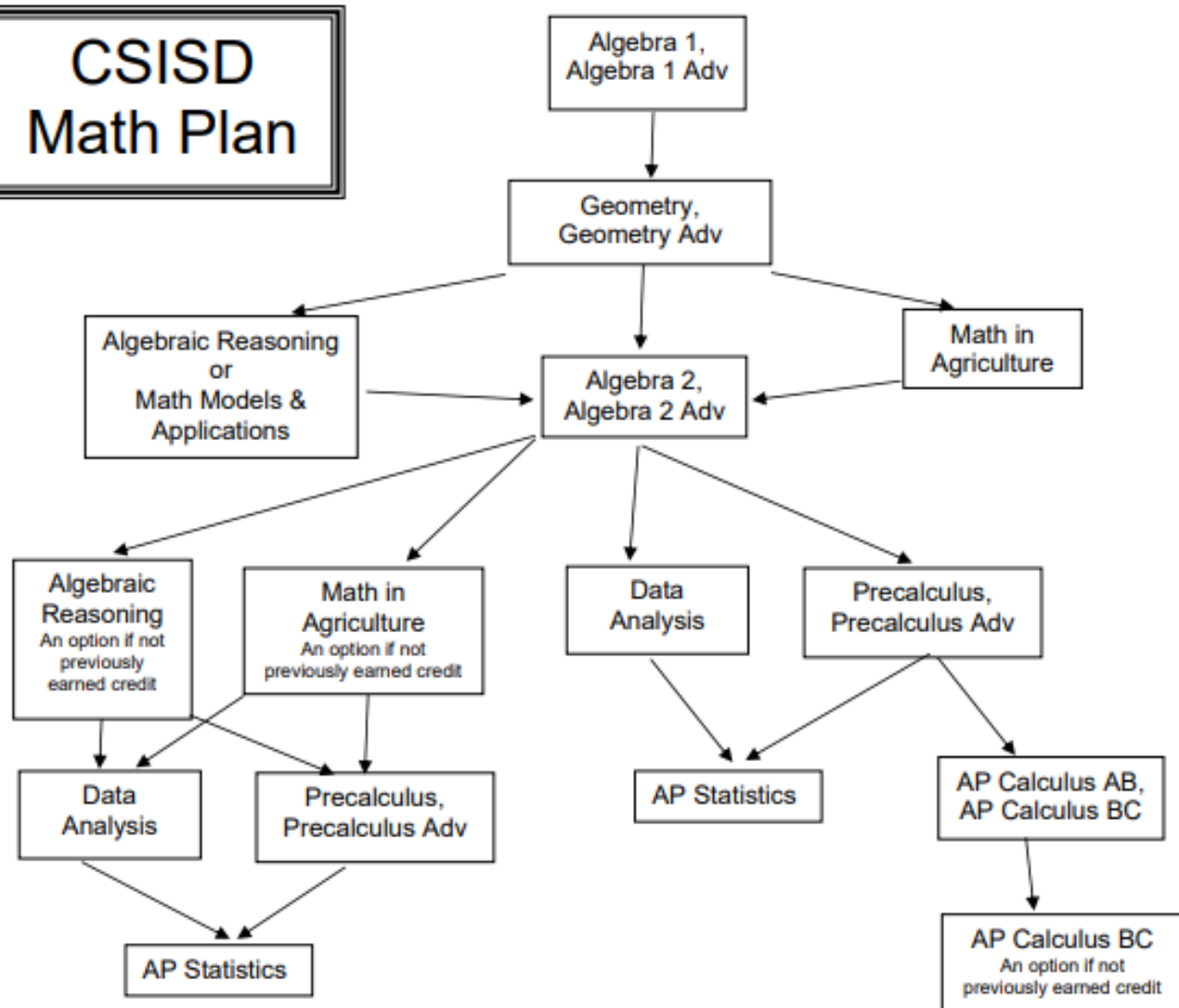
Advanced courses continue preparation in the various formats for Oral Interpretation. All students will be required to prepare and participate in out-of-town / overnight tournaments regularly as active members of the Debate team. (Elective credit) Fee: cost for travel with speech/debate team *

English Language Development and Acquisition -- #1180 (I), #1183(II) (03200800 ELDA I), (03200810 ELDA II) 1 credit / Grades 9-12 / NCAA: no

Prerequisites: English Proficiency Test

The ELDA course is for high school students who are English Learners with a minimal amount of English proficiency. This course is designed to serve as an elective credit and has a language arts corequisite. Because this course is for newly arrived and preliterate students, it is structured to develop students' use of social language, emphasizing survival vocabulary and the basic building blocks of literacy (Elective Credit)

CSISD Math Plan



Foundation High School Program Distinguished Level of Achievement (Requires 4 credits of Math)	Foundation with Endorsement CSISD Graduation Standard (Requires 4 credits of Math)	Foundation No Endorsement (Requires 3 credits of Math)
Algebra I Geometry Algebra II Additional credit in any advanced math course	Algebra I Geometry Two additional credits in any advanced math course, one must be Algebra II	Algebra I Geometry Additional credit in any advanced math course

Algebra II Graduation Notification

In accordance with Texas Education Code 28.02123, we are providing the following notification regarding certain high school graduation requirements to all parents and guardians of students in grades 9-12. Students are not required to complete Algebra II to graduate under the foundation high school program; however, there are potential consequences when students do not complete this course including the following: (1) Automatic college admission for eligible students (2) Eligibility for financial aid under Title 3 including: TEXAS grant program and The Texas Educational Opportunity Grant Program.

Course Descriptions – Mathematics

Algebra I -- # 2210 (03133500 ALG 1) / 1 credit / Grade 9 / NCAA: yes

Prerequisites: Grade 8 math or its equivalent

Covers the topics of equations, inequalities, exponents, functions, linear functions, systems of linear functions, polynomials, factoring, quadratic equations, and quadratic and exponential functions. The use of graphing calculators is incorporated throughout to support the curriculum. Passing the Algebra I End of Course exam is required for graduation. (Math credit)

Algebra I Advanced -- # 2230 (03133500 ALG I) / 1 credit / Grade 9 / NCAA: yes

Prerequisites: Teacher recommendation, 95 or higher in 8th grade math

This fast-paced, rigorous math course sets the foundation for more advanced math courses. Students will deal with more challenging problems than on-level Algebra I students and will be expected to apply content taught to various situations. This course covers the Texas Essential Knowledge and Skills for Algebra I with extensions that require higher order thinking skills. Passing the Algebra, I End of Course exam is required for graduation. (Math credit) *

Geometry -- # 2410 (03100700 GEOM) / 1 credit / Grades 9-10 / NCAA: yes

Prerequisites: 75 or higher in Algebra I, passed Algebra I EOC

Introduction and basics of plane, solid, and coordinate geometry. Emphasizes geometric knowledge of physical space, deductive and inductive reasoning, and the integration of geometry and algebra. (Math credit)

Geometry Advanced -- # 2420 (03100700 GEOM) / 1 credit / Grades 9-10 / NCAA: yes

Prerequisites: 85 or higher in Algebra I Advanced, teacher recommendation

Introduction and basics of plane, solid, spherical, and coordinate geometry. Emphasizes geometric knowledge of physical space, and deductive and inductive reasoning. Higher level and critical thinking skills addressed by providing opportunities for discovery and more detailed proof writing. (Math credit) *

Algebraic Reasoning -- # 2250 (03102540 ALGRE A) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Algebra I

Students will build on the knowledge and skills for mathematics previously presented in Algebra I. Students will broaden their knowledge of multiple representations of linear, quadratic, square root, rational, cubic, cube root, exponential, and absolute value functions. Students will study these functions through explorations of patterns and structure, composition of functions, number and algebraic methods, and modeling from data. The use of a graphing calculator is incorporated throughout to support the curriculum. (Math credit)

Algebra II -- # 2500 (Seniors) # 2510 (03100600 ALG 2) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: Algebra I, 80 or above in Geometry

Designed to prepare students for higher level math through study of equations, inequalities, and functions. Both algebraic and graphic methods are used in problem solving. Some key topics include linear equations and inequalities, matrices, quadratic functions, exponential and logarithmic functions, rational expressions, and rational functions. The use of a graphing calculator is incorporated throughout to support the curriculum. (Math credit)

Algebra II Advanced -- # 2520 (03100600 ALG 2) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: 85 or above in Algebra I Advanced, 85 or above in Geometry Advanced and teacher recommendation

Extends Algebra II curriculum by providing opportunities to solve algebraic problems on a higher level. Emphasis on functional relationships and problem solving in real situations, which should help prepare students to take Pre-Calculus Advanced the following year. The use of a graphing calculator is incorporated throughout to support the curriculum. (Math credit) *

Data Analysis -- # 2540 (03102530 STATS) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: Algebra II

Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. The use of a calculator with statistical capabilities will be incorporated throughout the course. (Math credit)

Pre-Calculus -- # 2600 (03101100 PRE CALC) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: 80 or above in Algebra II

Topics in this course include the study of functions, including trigonometric functions and their applications. Juniors enrolled in this course should opt for Statistics their senior year instead of Calculus. The use of a graphing calculator is incorporated throughout to support the curriculum. (Math credit)

Pre-Calculus Advanced -- # 2610 (03101100 PRE CALC) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: Algebra I, Geometry, 95 or above in Algebra 2 or 85 or above in Algebra II Advanced and teacher recommendation

Academically rigorous course requiring daily preparation. Students enrolled in Pre-Calculus Advanced should have good algebra skills and be willing to utilize those skills to explore new topics which will prepare them for Calculus. The primary focus of this course is the study of functions, including trigonometric functions and their applications. Upon completing this course, students should be well prepared for taking AP Calculus or any Freshman level college mathematics course. The use of a graphing calculator is incorporated throughout to support the curriculum. (Math credit) *

Advanced Placement Statistics -- # 2630 (A3100200 APSTATS) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: 95 or above in Algebra II or completion of Algebra II Advanced

College-level rigorous math course requiring daily preparation outside of class time. Major concepts and tools for collecting, analyzing, and drawing conclusions from data. The use of graphing calculators with statistical capabilities is incorporated throughout the course. Students who successfully complete the AP exam may receive credit for a one semester college statistics course. (Math credit) Fee: AP National Exam, optional *

Advanced Placement Calculus AB -- # 2810 (A3100101 APCALCAB) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: 80 or above in Pre-Cal Advanced and teacher recommendation

College-level rigorous math course requiring daily preparation outside of class time. Covers functions, limits, derivatives, and integrals. Topics viewed geometrically, numerically, and algebraically. Student may earn credit for one semester of college Calculus with a qualifying AP exam score. Graphing calculator is required for this course. (Math credit) Fee: AP National Exam, optional *

Advanced Placement Calculus BC -- # 2820 (A3100102 APCALCBC) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: 95 or above in Pre-Cal Advanced and teacher recommendation

College-level rigorous math course requiring daily preparation outside of class time. Course covers AB Calculus material by the end of the 1st semester. Additional BC topics including parametric functions, polar functions, vector functions, applications of integrals, and polynomial approximations and series are also covered. This is a very fast paced and intense course for students intending to pursue at the university level. Students may earn up to two semesters of college credit with qualifying AP exam scores. Graphing calculator is required for this course. (Math credit) Fee: AP National Exam, optional *

Mathematical Applications in Ag, Food and Natural Resources -- # 2584 (13001000 MATHAFNR) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Intro to Ag, Food and Natural Resources, Algebra I

Invaluable in any area of agriculture, from livestock and dairy production to horticulture and agronomy. The course introduces fundamental mathematics concepts such as arithmetic, algebra, log and exponentials, measurements and units, probability, linear equations, and non-linear functions. Students will apply methods for solving problems in the real-world using math and logic skills. Math skills needed for Agriculture industry standards in crop production, livestock production, horticulture, agricultural mechanics, and agribusiness will be the focus of this course. (Elective / CTE / Math Credit)

Accounting II -- # 6650 (13016700 ACCOUNT2) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Accounting I

This class will further your accounting knowledge and take a deeper dive into the field of accounting. Spreadsheets and computerized accounting software will be utilized throughout the course with a greater analysis and interpretation of financial ratios and reports. (Elective/CTE/Math Credit) *

Robotics II -- # 6966 (13037050 / ROBOTIC2) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Robotics I

In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. (Elective/CTE/Math Credit) *

Strategic Learning for High School Mathematics -- # 2080 (N1110030 STLNHSM) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: teacher recommendation

This course is intended to create strategic mathematical learners from underprepared mathematics students. The basic understandings will stimulate students to think about their approach to mathematical learning. These basic understandings will include identifying errors in the teaching and learning process, input errors, physiological concerns, and key cognitive skills. The essential knowledge and skills will foster a deeper understanding of the task of learning mathematical concepts and vocabulary. This course is an elective state credit and may be taken concurrently with or after Algebra I. The course may not be credited toward any endorsement related to high graduation. (Elective credit)

Mathematical Models with Application -- # 2550 (03102400 MTHMOD) / 1 credit / Grades 10-12 / NCAA: no

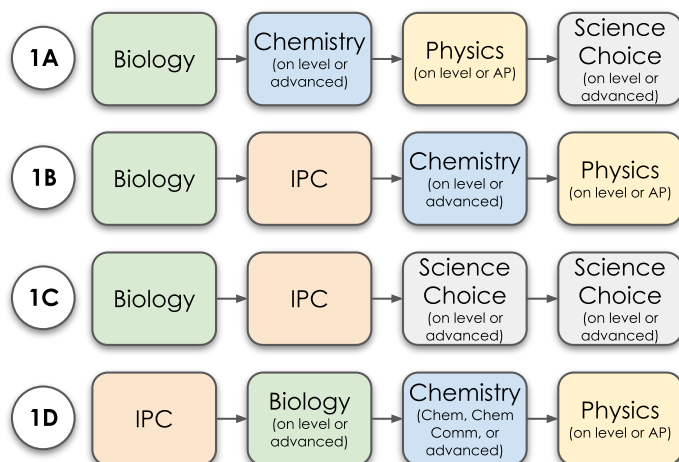
Prerequisites: Algebra I

Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects; manipulatives; technology, including graphing calculators, data collection devices, and computers; and paper and pencil and from methods such as algebraic techniques, geometric reasoning, patterns, and mental math to solve problems. If this course is selected, it must be successfully completed prior to Algebra II. (Math Credit)

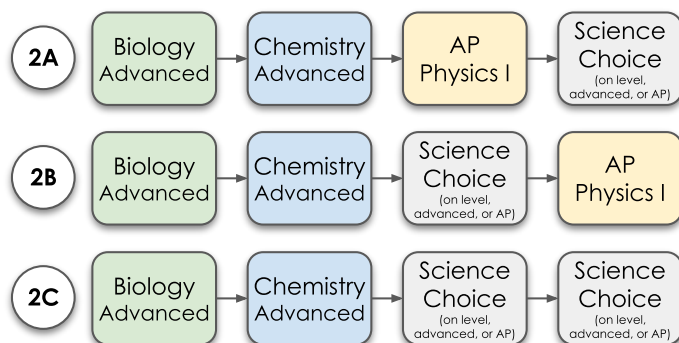
CSISD High School Science Course Progressions



On-Level Progressions



Advanced Progressions



SEQUENCE DESCRIPTIONS

SEQUENCE 1A: This is the standard progression of science courses in high school, and would be appropriate for all students for their post-high school plans (workforce, military, trade school, or university).

SEQUENCE 1B: This sequence would be appropriate for students planning to enter the work force immediately after high school. It may also be appropriate for those planning to attend a trade school, depending on the field.

SEQUENCE 1C: This sequence provides flexibility for students wishing to specialize in a particular area of study with their science choices (advanced or on-level), especially if they are interested in pursuing the life sciences.

SEQUENCE 1D: For the student who would benefit from a stronger foundation in chemistry prior to taking Biology, this is the ideal sequence. Also beneficial for ESL students who are new to English because Biology is a vocabulary heavy course.

SEQUENCE 2A: Provides all the advantages of the 1A sequence, with the additional opportunity to earn college credit while in high school.

SEQUENCE 2B: The purpose of 2B is to allow students time to complete an additional math course prior to Physics. Ideal for students who are advanced in science but not in mathematics.

SEQUENCE 2C: Provides the same advantages as the 1C sequence, with the additional opportunity to earn college credit while still in high school. Ideal for students who are advanced in science but not in mathematics.

	SCIENCE COURSES	Pre-Requisites
ON LEVEL (5.0)	Biology	None; required for all students
	Chemistry	1 HS science & Algebra I
	Chem in the Community	1 HS science & Algebra I
	Integrated Phys & Chem	None
	Physics	Algebra I com/con
	Astronomy	Algebra I; IPC or Chem
	Anatomy & Physiology	Biology & 1 HS physical sci
	Environmental Systems	Biology; IPC or Chem com/con
	Forensic Science	Bio; Chem, IPC, or Physics com/con
	Sci Research & Design	Biology, Chemistry, IPC, or Physics
	Animal Science (AMCHS)	Bio; Chem or IPC; Alg 1 & Geometry; Small Animal Mgmt; Equine Science, or Livestock Production
	Plant & Soil Science (CSHS)	Bio, IPC, Chem, or Physics; 1 credit from the Ag, Food & Natural Resources Cluster
ADVANCED (5.5)	Biology Advanced	None; required for all students
	Chemistry Advanced	Algebra II com/con
	A&P Advanced	Biology & 1 HS physical sci
	Sci Research & Design Adv	Biology, Chemistry, IPC, or Physics Adv
	Biotechnology I ADV	Biology, Chemistry
AP (6.0)	AP Biology II	Biology & Chemistry
	AP Chemistry II	Chemistry & Algebra II
	AP Physics I	Pre-Calculus com/con
	AP Physics II	Physics & Pre-Cal com/con
	AP Physics C	Physics & Calculus com/con

com/con: completed or concurrent

ADDITIONAL NOTES

These progressions are not set in stone. Students should consult with their science teacher each year to identify their best option(s) for the following year.

ON-LEVEL vs. ADVANCED: The on-level sequence provides instruction at the rigor of the state science standards (TEKS). Advanced courses provide instruction beyond the rigor of the TEKS, and are appropriate for any student who is willing to challenge themselves.

Students may double up on science courses with proper prerequisites in order to earn additional science credits.

Course Descriptions – Science

All CSISD high school science courses:

- Are laboratory based, with 40% of instructional time (unless otherwise stated) involving students asking questions, defining problems, and planning and conducting investigations. Investigations will vary in type (experimental, comparative, descriptive, correlative) but will include classroom, laboratory, and field investigations designed to answer questions, explain phenomena, or design solutions using tools and modeling practices.
- Incorporate engineering applications into the study of science concepts and involve students defining problems and designing solutions to those problems using the engineering design process.
- Require students to develop evidence based scientific explanations and then communicate those findings in a variety of formats including student to student collaboration, written explanations in both short and long formats, lab reports, scientific argumentation, and more.
- Include 4 or more Argument Driven Inquiry (ADI) lab investigations in each high school science course. ADI labs are highly collaborative and involve student groups developing a procedure to answer a guiding question. Once they have collected the data they chose for the question, they present their results to their classmates and then write up their findings in a peer-reviewed report. Note: Biology only does 3 ADI labs per year due to the timing of the EOC exam, and some CTE elective science courses do not do ADI labs

Please note that the grade designations for each course come from the Texas Essential Knowledge and Skills from the Texas Education Agency. Local recommendations for course progressions can be found in the CSISD High School Science Course Progressions found on page 24.

Foundation Science Courses

Completion of Biology, Chemistry, and Physics establishes a strong foundation in sciences that will serve students well regardless of their post-graduate plans.

Biology I -- #3210 (03010200 BIO) / 1 credit / Grades 9 - 11 / NCAA: yes

Prerequisites: none

Students in Biology I focus on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems. Students who do not pass the Biology EOC will be required to meet with science teacher or counselor to discuss future science course selection. (Science credit)

Biology I Advanced -- #3220 (03010200 BIO) / 1 credit / Grades 9 - 11 / NCAA: yes

Prerequisites: Advanced 8th grade English and/or Algebra I Advanced preferred

Students in Advanced Biology I focus on patterns, processes, and relationships of living organisms through a more in-depth study of four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems. Additional skills include use of Greek and Latin roots to decode unfamiliar vocabulary. Designed to prepare students for advanced study in high school sciences. Students who do not pass the Biology EOC will be required to meet with science teacher or counselor to discuss future science course selection. (Science credit)

Chemistry I -- #3410 (03040000 CHEM) / 1 credit / Grades 9 - 11 / NCAA: yes

Prerequisites: one unit of high school science, Algebra I, recommended completion, or concurrent enrollment in second year of math

In Chemistry I, students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory, chemical bonding, chemical stoichiometry, gas laws, solution chemistry, acid-base chemistry, thermochemistry, and nuclear chemistry. Students investigate how chemistry is an integral part of our daily lives. (Science credit)

Chemistry in the Community -- #3400 (03040000 CHEM) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: one unit of high school science, Algebra I, recommended completion, or concurrent enrollment in second year of math

Students study the same topics at the same level of difficulty as Chemistry I, through the inquiry-based lens of how those topics apply to everyday life, current events, and local/global citizenship. Each unit is centered on a chemistry-related societal issue or challenge, which provides a “need to know” for learning the chemical principles. Laboratory, skill-building, modeling, and decision-making activities are integrated into the course and each unit’s learning culminates in a final project that addresses the unit’s societal issue or challenge. (Science Credit)

Chemistry I Advanced -- #3420 (03040000 CHEM) / 1 credit / Grades 9 - 11 / NCAA: yes

Prerequisites: Algebra II or concurrent enrollment

Students in Advanced Chemistry I conduct an in-depth study of a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory, chemical bonding, chemical stoichiometry, gas laws, solution chemistry, acid-base chemistry, thermochemistry, and nuclear chemistry. Additional topics may include periodic trend relationships, additional rules for reactions and solubility, more complex geometric arrangements of molecular structures, and redox balancing and electrochemical cells. Students investigate how chemistry is an integral part of our daily lives. (Science credit) *

Integrated Physics and Chemistry (IPC) -- # 3110 (03060201 IPC) / 1 credit / Grades 9-10 / NCAA: yes

Prerequisites: None

Integrated Physics and Chemistry integrates the disciplines of physics and chemistry in the following topics: the relationship between force and motion, the impact of energy transfer and energy conservation on everyday life, the relationship between the structure and properties of matter, and how changes in matter affect everyday life. (Science credit)

Physics I -- # 3610 (03050000 PHYSICS) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Algebra I completed or concurrent; recommend Alg II completed or concurrent

In Physics I, students study a variety of topics that include laws of motion, changes within physical systems and conservation of energy and momentum, forces, characteristics and behavior of waves, and electricity and magnetism. Students will apply conceptual knowledge and collaborative skills to experimental design, implementation, and interpretation. (Science credit)

Physics I Advanced Placement -- # 3650 (A3050003 APPHYS1) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: recommended Pre-Cal completed or concurrent

AP Physics I is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque, rotational motion, and fluids. This course requires that 25 percent of instructional time engages students in lab investigations. Students may earn a semester of college credit with qualifying AP scores. (Science credit) Fee: AP National Exam, optional *

Elective Science Courses

Elective science courses provide students with options that meet science credit requirements while allowing them to follow their interests.

Anatomy & Physiology -- # 3810 (13020600 ANATPHYS) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: one credit in biology and one credit in chemistry, Integrated Physics and Chemistry, or physics; a course from the Health Science Career Cluster recommended.

Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Major mammalian dissection included. (Science / CTE / Elective credit)

Anatomy and Physiology Advanced -- # 3820 (13020600 ANATPHYS) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: one credit in biology and one credit in chemistry, Integrated Physics and Chemistry, or physics, a course from the Health Science Career Cluster recommended.

Students in Anatomy and Physiology Advanced will conduct comprehensive and in-depth study of a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Emphasis on histology, terminology, and investigative applications is also included. Several major mammalian dissections and numerous disorders/diseases reviewed. (Science / CTE / Elective credit) *

Animal Science (AMCHS only) -- # 6054 (13000700 ADVANSCI) / 1 credit / Grade 12 / NCAA: no

Prerequisites: Biology; Chemistry or IPC; Algebra I and Geometry; Small Animal Mgmt, Equine Science or Livestock Production

Students will learn about careers in the field of animal science, classes and grades of livestock, animal genetics and heredity, animal anatomy and physiology, animal nutrition for ruminants and non-ruminants, and animal diseases and parasites. The students will also be required to participate in labs where they will demonstrate safe practices and knowledge of scientific principles and methods as it pertains to the Animal Science Industry. This course is designed for students in the Animal Science pathway to earn their fourth science in an agriculture class. (Science Credit, CTE Credit) *

Astronomy -- # 3850 (03060100 ASTRMY) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: Algebra I and Integrated Physics and Chemistry or Chemistry. Recommend Physics completed or concurrent.

In Astronomy, students focus on patterns, processes, and relationships among astronomical objects in our universe. Students acquire basic astronomical knowledge and supporting evidence about Sun-Earth-Moon relationships, the solar system, the Milky Way, the size and scale of the universe, and the benefits and limitations of exploration. (Science / Elective credit)

Biology II Advanced Placement -- # 3320 (A3010200 APBIO) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: Biology, Chemistry; Recommend successful completion of advanced freshman and sophomore science courses.

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work. May earn two semesters of credit for college biology with qualifying AP exam score. Summer reading may be required / recommended as preparation for this course. Specific details can be found on your high school website. (Science credit) Fee: AP National Exam, optional *

Biotechnology I -- # 3830 (13036400 BIOTECH1) / 1 credit / Grade 12 / NCAA: yes

Prerequisite: one credit in biology required; one credit in chemistry is also recommended.

In Biotechnology I, students will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques. Students will conduct laboratory and field investigations and make informed decisions using critical thinking, scientific problem solving, and the engineering design process. Students in Biotechnology I will study a variety of topics that include structures and functions of cells, nucleic acids, proteins, and genetics. (Science / CTE / Elective credit) *

Chemistry II Advanced Placement -- # 3430 (A3040000 APCHEM) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: Chemistry and Algebra II, concurrent enrollment in pre-Calculus preferred

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course requires that 25 percent of instructional time engages students in lab investigations. May earn credit for two semesters of college chemistry with qualifying AP exam scores. Summer reading may be required /

recommended as preparation for this course. Specific details can be found on your high school website. (Science credit) Fee: AP National Exam, optional *

Environmental Systems -- # 3720 (03020000 ENVIRSYS) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisite: one unit of high school biology required; Integrated Physics and Chemistry, Chemistry, or concurrent enrollment in either course is recommended.

In Environmental Systems, students study a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, natural changes in the environment, and human activities that impact the natural environment. (Science / Elective credit)

Forensic Science -- # 6173 (13029500 FORENSCI) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: one credit in biology, one credit in chemistry, integrated physics and chemistry, or physics required; any Law, Public Safety, Corrections and Security course recommended

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

Physics II Advanced Placement -- # 3644 (A3050004 APPHYS2) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: AP Physics I or comparable physics introductory course, Pre-Cal completed or concurrent

AP Physics II is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: waves; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. This course requires that 25 percent of instructional time engages students in lab investigations. Designed to provide a foundation in Physics for students in life science, pre-medicine, and some applied sciences as well as other fields not directly related to science. Students may earn a semester of college credit with qualifying AP scores. (Science credit) Fee: AP National Exam, optional *

Physics C Advanced Placement -- # 3630 (A3050005 APPHYSCE) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: AP Physics I, concurrent enrollment in Calculus

AP Physics C is a calculus-based, college-level physics course designed for students planning to specialize in a physical science, engineering, or meteorology. In this class, roughly one semester is devoted to mechanics (kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation). The second semester is devoted to electricity and magnetism (electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism). This course requires that 25 percent of instructional time engages students in lab investigations. Use of calculus in problem solving and in derivations is expected to increase as the course progresses. Students may earn up to two semesters of college credit with qualifying AP scores. (Science credit) Fee: AP National Exam, Optional *

Plant & Soil Science (CSHS only) -- # 6004 (13002100 ADVPPSCI) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: Biology, IPC, Chemistry or Physics; 1 credit from the Ag, Food and Natural Resources Cluster

Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. Investigations, laboratory practices, and field exercises will be used to develop an understanding of current plant and soil science. This course is designed to prepare students for careers in the food and fiber industry. Students will learn, reinforce, apply, and transfer their knowledge in a scientific setting. This course is designed for students in the Plant Science or Natural Resource Pathways to earn their fourth science credit in an agriculture science class. (Science Credit, CTE Credit) *

Scientific Research and Design -- # 6990 (13037200 SCIRD) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Biology, Chemistry, IP or Physics

Scientific Research and Design is a broad-based course designed to include the components of the scientific and/or engineering design processes. Students will learn problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. Students and teachers will collaborate to determine the specific topic of study for each individual student which will integrate with career and technical education. Students taking the on-level course will complete a series of projects throughout the year that can be related to a single topic or multiple topics within an area of study. (Elective Credit / Science Credit)

Scientific Research and Design Advanced --# 6990H (13037200 SCIRD) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Biology, Chemistry, IPC or Physics

Scientific Research and Design is a broad-based course designed to include the components of the scientific and/or engineering design processes. Students will learn problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. Students and teachers will collaborate to determine the specific topic of study for each individual student which will integrate with career and technical education. Students taking the Advanced course will conduct one year-long research study that will be presented at least two competitions such as science and engineering fairs. The 5.5 option will include a time commitment outside of the regular class time. (Elective Credit / Science Credit) *

Course Descriptions – Social Studies

World Geography -- # 4120 (03320100 W GEO) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: None

This course provides an opportunity for students to explore our world through investigation of physical and human geography. Students use geographic concepts to study specific nations and regions all around the world with an emphasis on understanding interactions between humans and their environment. (Social Studies credit)

World Geography Advanced -- # 4130 (033020100 W GEO) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Teacher recommendation

This course allows students to develop an understanding of our world and the relationship between humans and their environment. Students will use higher order thinking skills to ask geographic questions, research, and present geographic data, and generalize based on this data. As they become culturally aware of the world's inhabitants, students formulate opinions and make judgments and recommendations. (Social Studies credit) *

AP Human Geography -- # 4140 (A3360100 APHUMGEO) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Teacher recommendation and strong writing skills

This college level course provides students with analytical skills and factual knowledge about Human Geography. Covers the TEKS for World Geography at an accelerated pace and emphasizes the following AP Human Geography topics: Nature and Perspectives of Geography, Population, Cultural Patterns and Processes, Political Organization of Space, Agricultural and Rural Land Use, Industrialization and Economic Development, and Cities and Urban Land Use. Students will also learn about the methods and tools geographers use in their research and applications. Preparation for the AP test is included. Students who score well on the national exam may place out of three college credit hours. [students cannot take AP Human Geography if they have taken any other level of World Geography] (Social Studies credit) Fee: AP National Exam, optional *

World History -- # 4100 (03340400 W HIST) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: None

The World History course covers the history and development of a variety of world civilizations past and present. Students will develop a basis for comparing various ways of life and cultural patterns and an understanding of the way these patterns occurred over time. Major topics examined include the Rise of Civilizations, Classical Civilizations, Medieval Era, Emergence of the Modern World, Age of Revolution, Industry and Nationalism, World in Conflict, World Wars, and the Contemporary World. (Social Studies credit)

World History Advanced -- #4110 (03340400 W HIST) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Teacher recommendation

This course gives students an opportunity to discover connections and patterns in the development of a variety of world civilizations past and present. By comparing cultures and events and analyzing documents and data, students will evaluate the impact of historical action on our present way of life. Major topics examined are The Rise of Civilizations, Flowering of Civilizations, Regional Civilizations, Emergence of the Modern World, Age of Revolution, Industry and Nationalism, World in Conflict, World Wars, and the Contemporary World. (Social Studies credit) *

AP World History -- # 4150 (A3370100 APWHIST) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Teacher recommendation and strong writing skills

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Preparation for the AP test is included. Students who score well on the national exam may place out of three college credit hours. Summer reading may be required /recommended as preparation for this course. Specific details can be found on your high school website. (Social Studies credit) Fee: AP National Exam, optional [students cannot take AP World History if they have taken any other level of World History] *

U. S. History -- #4210 (03340100 US HIST) / 1 credit / Grade 11 / NCAA: yes

Prerequisites: World Geography or World History

This course incorporates the study of significant people, issues, and events that have shaped the development of the American economy, government, politics, and society today. Students will briefly review the early history of the U.S. and major founding documents. Course emphasis is on cause and effect and students will explore time periods such as the Progressive Era, American Imperialism, the Roaring 20s, the World Wars, the Great Depression, the Cold War, and the Modern Era. (Social Studies credit)

U.S. History Dual Credit -- #4210D (03340100 (BLINN HIST 1301 and HIST 1302) / 1 credit / Grade 11 / NCAA: yes

Prerequisites: Acceptable TSI scores or the ability to exempt TSI; or enrollment as a non-degree seeking student; student and parent must sign contract for class.

This dual credit course offers an in-depth exploration of American history from pre-Columbian times to the present. Students will engage with key themes, events, and figures that have shaped the United States, examining political, social, cultural, and economic developments. Upon successful completion of this course, the student will earn six (6) hours of college history credit (HIST 1301 and HIST 1302) as well as his or her high school US History credit. Fee: Blinn tuition/textbooks, students purchase (Dual Credit p. 16)

US History Advanced -- # 4220 (03340100 US HIST) / 1 credit / Grade 11 / NCAA: yes

Prerequisites: World Geography or World History, Teacher recommendation

In this course, students will construct an understanding of the lasting impact of the people, issues, and events that have shaped the development of the United States. Students will briefly review the early history of the U.S. and major founding documents. Course emphasis is on critical consideration of primary and secondary sources and on the connections between past and present. This course focuses on time periods from the Gilded Age and Progressive Era (1870s-1910s) to the Modern Era (2000 and beyond). (Social Studies credit) *

U. S. History AP -- # 4230 (A3340100 APUSHIST) / 1 credit / Grade 11 / NCAA: yes

Prerequisites: World Geography or World History, teacher recommendation and strong writing skills

In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. A special emphasis will be given to preparation for the national AP exam. Students who score well on the national exam may place out of three to six college credit hours. Summer reading may be required / recommended as preparation for this course. Specific details can be found on your high school website. (Social Studies credit) *

U. S. Government (Fall or Spring) -- # 4313 (03330100 GOVT) / 0.5 credit / Grade 12 / NCAA: yes

Prerequisites: Senior level course only

Students will examine political ideology, comparative political systems, the Constitution, civil liberties, civil rights and the three branches of government, Texas and local government, law and criminal procedures, political parties, campaigns, and the responsibilities of citizenship. Course will emphasize the interaction between citizens and the American political system. (Social Studies credit)

US Government Advanced -- # 4303 (03330100 GOVT) / 0.5 credit / Grade 12 / NCAA: yes

Prerequisites: Senior level only, teacher recommendation

This course will help students develop their perspective on government and politics in the United States from an understanding of the systems and institutions that make up the American political system. It includes both the study of general concepts used to interpret U.S. politics, an understanding of political theory, and the analysis of specific contemporary examples. Major topics to be examined are Foundations of Government, Civil Liberties and Rights, Political Behavior, Government by the People, The Legislative Branch, The Executive Branch, The Judicial Branch, Comparative Political and Economic Systems, Participating in Texas State and Local Government, Foreign Affairs, and Current Issues. (Social studies credit) *

U. S. Government and Politics AP -- # 4321 (A3330100 APUSGOVT) / 0.5 credit / Grade 12 / NCAA: yes

Prerequisites: Senior level only, teacher recommendation and strong writing skills

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. Preparation for the AP test is included. Additionally, state and local topics are incorporated to meet Texas requirements for graduation. A student scoring well may place out of three college credit hours. Summer reading may be required/recommended as preparation for this course. Specific details can be found on your high school website. (Social Studies credit) Fee: AP National Exam, optional *

U. S. Government Dual Enrollment/ Blinn American Government -- # 4323(03330100 GOVT) (BLINN 2305) / 0.5 credit / Grade 12 / NCAA: yes

Prerequisites: Acceptable TSI scores or the ability to exempt TSI; student and parent must sign contract for class; Senior

A study of the organization, functions, and administration of the several branches and agencies of the national government, including a study of the federal constitution. The primary factors considered relate to the three branches of government—judicial, executive, and legislative—historical documents including the Constitution and Declaration of Independence, events that shaped our nation, and current events. Emphasis will be placed on the interaction of these subsystems. Upon successful completion of this semester-long course, the student will earn three (3) hours of college Government credit, as well as his or her high school senior Government credit. (Social Studies credit) Fee: Blinn tuition/textbooks, students purchase

Personal Financial Literacy and Economics -- # 4626 (03380083 PFLECO) / 0.5 credit / Grade 12 / NCAA: yes

Prerequisites: Senior level only

The course provides a foundation in both microeconomics and macroeconomics. The economic way of thinking, developed early in this course, serves as a framework for the personal financial decision-making opportunities introduced. It requires demonstrated critical thinking by students who explore how to invest in themselves with education and skill development, how to earn income, how to budget for spending, saving, investing, and protecting. Students will examine their individual responsibility for managing their personal finances and will understand that doing so will impact their standard of living, long term financial well-being, and the greater economy. As a result of mastering the content of this course, students gain the ability to lead productive and financially self-sufficient lives. This course counts for Economics credit for graduation, but a student cannot receive credit for both this course and any other economics course(s) (Social Studies credit)

Personal Financial Literacy and Economics Advanced -- # 4627 (03380083 PFLECO) / 0.5 credit / Grade 12 / NCAA: yes

Prerequisites: Senior level only

The course provides a foundation in both microeconomics and macroeconomics. The economic way of thinking, developed early in this course, serves as a framework for the personal financial decision-making opportunities introduced. Students will examine their individual responsibility for managing their personal finances and will understand that doing so will impact their standard of living, long term financial well-being, and the greater economy. Students will utilize data to support decision-making and will engage in research regularly to compare financial options. This course satisfies the Economics credit for graduation, and a student cannot receive credit for both this course and any other economics course(s). (Social Studies Credit) *

AP Macroeconomics -- # 4373 (AA3310200 APMACEOC) / 0.5 credit / Grade 12 / NCAA: yes

Prerequisites: Senior level only, Teacher recommendation (recommended: co-enrollment in any math class)

AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies. This class will prepare students for the Macroeconomics AP Exam. AP Macroeconomics meets the requirements for economics credit as needed for graduation. Summer reading may be required / recommended as preparation for this course. Specific details can be found on your high school website. (Social Studies credit) Fee: AP National Exam, optional *

Economics Dual Enrollment/Blinn Principles of Economics -- # 4353 (03310300 ECO-FE) (BLINN 2301) / 0.5 credit / Grade 12 / NCAA: yes

Prerequisites: Acceptable TSI scores or the ability to exempt TSI; student and parent must sign contract for class; Senior

A study of the macroeconomic principles with emphasis on national income analysis and theory, monetary and fiscal policy, stabilization policy, economic growth and development, and public finance. Upon successful completion of this semester long course, the student will earn three (3) hours of college Economics credit, as well as his or her high school senior Economics credit. (Social Studies credit) Fee: Blinn tuition/textbooks, students purchase (Dual Credit P. 16)

Sociology -- # 4613 (03370100 SOC) / 0.5 credit / Grades 9-12 / NCAA: yes

Prerequisites: None

Provides an introductory look at the dynamics of individual and group relationships. Examines the history of sociology, cultural and social norms, social institutions, deviance, criminology, and other social problems. (Elective Credit)

Psychology -- # 4513 (03350100 PSYCH) / 0.5 credit / Grades 11-12 / NCAA: yes

Prerequisites: Junior or Senior in standing

Provides an explanation of how humans behave and their mental processes. Students will look at psychology as a behavioral and cognitive science through such topics as neuroscience; sensation and perception; states of consciousness; learning; memory; language, thought and intelligence; motivation and emotion; developmental psychology; personality theories; psychological disorders and therapy techniques; and social psychology. [Students may not take both Psychology and AP Psychology]. (Elective Credit)

AP Psychology -- #4530 (03380002 SPTSS) (A3350100 APPSYCH) / 1 credit / Grades 11-12 / NCAA : yes

Prerequisites: Junior or Senior in standing, teacher recommendation

This course will introduce students to the systematic study of behavior and mental processes of human beings and other animals. Students will take an in-depth look at psychology as a behavioral and cognitive science through such topics as neuroscience; sensation and perception; states of consciousness; learning; memory; language, thought and intelligence; motivation and emotion; developmental psychology; personality theories; psychological disorders and therapy techniques; social psychology; and statistics. They also learn about the ethics and methods psychologists use in their science and practice. A student who scores well on the AP test may place out of three college credit hours. (Elective Credit) Fee: AP National Exam, optional *

American History Through Film -- #4234 (03380002 SSADV1) / .5 or 1 credit / Grades 11-12 / NCAA: no

Prerequisites: None

Examines historical periods in American History through film. Motion pictures have been around for well over 100 years and their value as a storytelling medium has had a profound impact on how Americans view history. On many occasions, Hollywood gets a lot right, but occasionally they embellish the story to make it more gripping. No matter how factual the film, there are things that can be learned about the period in which the film was made as well as the period in which the film takes place. This class focuses on the late 19th century to the present. This course can be taken for one semester or a full year. (Elective Credit) *

Personal Financial Literacy -- # 4623 (03380082 PFL) / 0.5 credit / Grades 10-12 / NCAA: no

Prerequisites: None

Course will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. It includes instruction in methods of paying for college and other postsecondary education and training along with completing the Free Application for Federal Student Aid (FAFSA). Students will analyze the relationship between education and training and earnings potential; evaluate the quality of potential college, postsecondary education, and training courses; evaluate the total cost of these programs; and analyze the advantages and disadvantages of various sources of funds to pay for their education. (Elective Credit)

History of Sports -- # 4170 (03380002 SPTSS) / 0.5 credit or 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: None

This course will focus on the history and impact of sports in our society. Students will gain historical knowledge about the origins and development of various sports around the world while they examine the historical context as well as the social impacts of sports on our society. They will look at

the major political, social, cultural, economic and intellectual concepts of our nation through the lens of sports. Students will understand why and how sports have become a popular cultural phenomenon. This course can be taken for one semester or a full year. (Elective credit)

AP European History -- # 4160 (A3340200 APEUHIST) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: Junior or Senior in standing, teacher recommendation

This class approaches history in a nontraditional way in that it looks at the common thread of humanity over time---trade, religion, politics, society, and technology--- and it investigates the change and continuity of those threads using a periodization process. This course is student centered and imposes a heavy, reading and writing load throughout the year, and the demands on students are equivalent to a full year introductory college course. (Elective Credit) *

Economics -- # 4333 (03310300 ECO-FE) / 0.5 credit / Grade 12 / NCAA: yes

Prerequisites: Senior level only

This course provides students with a general overview of U.S. Economic activities, including basic differences between capitalism, socialism, and communism; the influence of American ideals of democratic government, laws, customs, and institutions on free enterprise; and familiarization with basic economic terms. Course also includes an in-depth unit on personal financial literacy, including concepts such as budgeting, taxation, insurance, banking, and investing. (Social Studies credit)

Course Descriptions – Languages Other Than English

French I -- # 7010 (03410100 FREN 1) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: None

Introduction to the French language and French-speaking people with emphasis on speaking and listening skills and the beginning of reading and writing skills. (LOTE credit)

French II -- # 7020 (03410200 FREN 2) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: French I credit

Review and further development of basic skills acquired in French I, including culture. Continuation of development of day-to-day communicative skills. (LOTE credit)

French II Advanced -- # 7030 (03410200 FREN 2) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: French I credit

Intensive review with emphasis on speaking and listening skills. Further development in reading, writing, and culture. Emphasis on conversational skills and more advanced grammar and reading assignments throughout the year. Students are expected to use the target language as much as possible in the classroom. Daily homework, independent practice, and projects. This course is designed to prepare students for French III Advanced. (LOTE credit) *

French III Advanced -- # 7040 (03410300 FREN 3) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: French II credit (advanced recommended)

Thorough review of grammar, longer, more difficult reading selections including novels/plays, and increased awareness of French civilization and culture. Provides continuous opportunities to improve speaking and listening skills. Class will be conducted mainly in French. Preparation for the AP test will begin in this level. (LOTE credit) Fee: Workbook Required *

French IV AP Language -- # 7060 (A3410100 APFR LAN) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: French III credit

Culmination of several years of study which seeks to develop and refine skills that have been acquired over a student's entire school career. Emphasis on the four skills of reading, writing, speaking, and listening. Preparation for the AP test will be continued. (LOTE credit) Fee: Workbook Required, AP National Exam, optional *

German I -- #7110 (03420100 GERMAN 1) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: None

Introduction to the language and culture with emphasis on listening and speaking skills and the beginning of reading and writing. (LOTE credit)

German II -- # 7120 (03410200 GERMAN 2) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: German I credit

Intensive review with emphasis on speaking and listening skills with further development in reading, writing, and culture. Students are expected to use the target language as much as possible in the classroom. (LOTE credit)

German II Advanced -- # 7130 (03410200 GERMAN 2) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: German I credit

Intensive review with emphasis on speaking, listening and skills. Further development in reading, writing and culture. More advanced reading and writing assignments through the year. Students are expected to use the target language as much as possible in the classroom. (LOTE credit) *

German III Advanced -- # 7140 (03410300 GERMAN 3) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: German II credit (advanced recommended)

Higher-level vocabulary and grammar with emphasis on more advanced reading of different genres as well as speaking and writing development. (LOTE credit) *

German IV AP -- # 7150 (A3420100 APGR LAN) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: German III credit

Prepares students for the Advanced Placement Examination in May. Emphasis will be on enhancing listening, speaking, reading, and writing skills as well as broadening the students' understanding of German history, culture, and literature. (LOTE credit) Fee: AP National Exam, optional *

Spanish I -- # 7210 (03440100 SPAN 1) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: None

Introduction to the Spanish language, people, culture, history, and geography with emphasis on the language skills, listening comprehension, speaking, reading, and writing. (LOTE credit)

Spanish II -- # 7220 (03440200 SPAN 2) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Spanish I credit

Review and further development of basic skills. Reading and writing activities increased. Culture, history, and geography of Spanish speaking countries integrated into the curriculum. (LOTE credit)

Spanish II Advanced -- # 7230 (03440200 SPAN 2) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Spanish I credit

This course is intended to prepare students for Spanish III Advanced. Reading, writing, speaking, and listening skills will be highly emphasized. The culture, history, and geography of Spanish speaking countries will be integrated into the curriculum. (LOTE credit)*

Spanish III Advanced -- # 7250 (03440300 SPAN 3) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Spanish II credit (advanced recommended)

Includes advanced grammar and more difficult reading selections. Provides opportunities to improve speaking and listening skills. Lessons will be taught in Spanish, and students are expected to speak in Spanish. (LOTE credit) *

Spanish IV AP Language and Culture -- # 7270 (A3440100 APSPALAN) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Spanish III credit

Prepares students for the Advanced Placement Language Examination in May. Concentration is placed on enhancing listening, speaking, reading, and writing skills as well as broadening the student's understanding of Hispanic culture. Students are also introduced to Spanish literature to prepare for Spanish V Literature and Culture. (LOTE credit) Fee: Workbook required, AP National Exam, optional *

Spanish V AP Literature and Culture -- # 7280 (A3440200 APSPALIT) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Spanish IV credit

The AP Spanish Literature course is intended to be the equivalent of a 3rd year college Introduction to Latin American Peninsular Literature course, covering selected works from literatures of Spain & Latin America. The course will represent all major literary periods and major genres, and the majority will be masterpieces. Prose and poetry will be analyzed orally and in writing using appropriate terminology. Listening, speaking, reading, and writing skills will be refined. (LOTE credit) Fee: Workbook Required, National AP Exam, optional *

Spanish for Heritage Speakers -- # 7240 (03440110 SSSPAN 1) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Heritage/Native speaker and teacher recommendation

This course is designed for Spanish speakers who have not had any formal instruction in Spanish. It is an intensive combination of Levels I and II, focusing on listening, reading, and writing skills. Upon successful completion of the course, students receive credit for Level I and Level II. (LOTE credit)

Computer Science I -- # 6350 (03580200 TACS1) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Algebra I

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts. Computer Science I satisfies the first-year foreign language credit if both years are taken. Students should check with their preferred college to see if this satisfies the college requirements for foreign language. (CTE Credit/Foreign Language credit) *

Computer Science II -- # 6353 (03580300 TACS2) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Algebra I and Computer Science I

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. At the end of the year, students can take the AP Computer Science A exam. Computer Science II satisfies the second-year foreign language credit. Students should check with their preferred college to see if this satisfies the college requirements for foreign language. (CTE credit/Foreign Language credit) *

Course Descriptions – Fine Arts

Art I -- # 8010 (03500100 ART I) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None

Students will apply the elements and principles of design to original pieces of art by exploring a variety of media. Students will be challenged to think creatively while being introduced to art history, aesthetics, and critique. (Fine Arts Credit or Elective Credit) Fee: \$15 Supplies

Art II – Drawing -- # 8030 (03500500 ART2DRAW) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Art I and teacher recommendation

Students will expand their exploration of the elements and principles of design with regards to creative drawing solutions and valid mark making. This course requires self-direction, self-motivation, and the ability to produce original work. (Fine Arts Credit or Elective Credit) Fee: \$25 Supplies

Art III – Drawing -- # 8040 (03501300 ART3DRAW) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Drawing I and art teacher recommendation

Students will use a more rigorous exploration of the elements and principles of design with regards to creative drawing solutions and valid mark making. This advanced level course requires self-direction, self-motivation, and the ability to produce original work. Drawing classes are production oriented, with a portfolio of work required at end of each semester. (Fine Arts Credit or Elective Credit) Fee: \$25 Supplies (some personal expenses to be expected)

Art II – Sculpture -- # 8024 (0350100 ART2SCLP) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Art I and teacher recommendation

Students will apply the elements and principles of design to traditional and non-traditional construction methods while being exposed to various sculptural media. Students will explore Art History and become familiar with the tools and techniques needed to produce 3-D artwork. Students will be exposed to lecture, individual projects, and group projects to help develop a full and enriching sculptural experience. This course requires self-direction, self-motivation, and the ability to produce original work. (Fine Arts Credit or Elective Credit) Fee: \$25 Supplies (some personal expenses to be expected)

Art III – Sculpture II -- # 8034 (03501900 ART3SCLP) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Sculpture I and teacher recommendation

Students will apply the elements and principles of design to traditional and non-traditional construction methods while being exposed to various sculptural media. This course is self-paced. Students will be expected to create sculpture that incorporates their interests or work that specializes in use of certain media. This course requires self-direction, self-motivation, and the ability to produce original work. (Fine Arts Credit or Elective Credit) Fee: \$25 Supplies (some personal expenses to be expected)

Art II – Painting I -- # 8020 (03500600 ART2PATG) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Art I and art teacher recommendation

Students will expand their exploration of the elements and principles of design with regards to creative painting solutions. Students will participate in art critique, developing written and oral skills to evaluate personal art and others' artwork. This course requires self-direction, self-motivation, and the ability to produce original work. Painting classes are production oriented, with a portfolio of work required at end of each semester. (Fine Arts Credit or Elective Credit) Fee: \$25 Supplies

Art III – Painting II -- # 8080 (03501400 ART3PATG) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Painting I and art teacher recommendation

Students will use a more rigorous exploration of the elements and principles of design with regards to painting solutions and individual style. Students will participate in art critique, developing written and oral skills to evaluate personal art and others' artwork. This level course requires self-direction, self-motivation, and the ability to produce original work. Painting classes are production oriented with a portfolio of work required at end of each semester. (Fine Arts Credit or Elective Credit) Fee: \$25 Supplies (some personal expenses to be expected)

Art III Advanced -- # 8054 (03500300 ART3) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Art I, Art II

This course is for the serious art student who wants to pursue an AP portfolio submission their senior year either in Drawing, 2-D Design, or 3-D Design. Students will learn the requirements and submission processes for the Advanced Placement portfolio. They will experiment with an assortment of media and contents, creating works for the Selected Works section of their portfolio. (Fine Arts Credit or Elective Credit) Fee: \$25 Supplies (some personal expenses to be expected) *

AP Studio Art: Drawing -- # 8070 (A3500300 APSTARTD) / 1 credit / Grade 12 / NCAA: no

Prerequisites: at least 2 years of high school art and art teacher recommendation

Designed for the more serious art student. Course outline is based on the guidelines stipulated for Advanced Placement portfolio requirements. Students will use the Elements and Principles of Design and inquiry-based learning to find aesthetically meaningful solutions to drawing problems. At the end of the year, the students are strongly encouraged to submit a portfolio to the College Board for possible college AP credit. (Fine Arts Credit or Elective Credit) Fee: \$35 Supplies Required, AP National Exam, optional *

AP Studio Art: 2D Design -- # 8074 (A3500400 AP2DDP) / 1 credit / Grade 12 / NCAA: no

Prerequisites: At least 2 years of high school art and art teacher recommendation.

Designed for the more serious art student. Course outline is based on the guidelines stipulated for Advanced Placement portfolio requirements. Emphasis is on the Elements and Principles of Design inquiry-based learning. At the end of the year, the students are strongly encouraged to submit a portfolio to the College Board for possible college AP credit. (Fine Arts Credit or Elective Credit) Fee: \$35 Supplies Required, AP National Exam, optional *

AP Studio Art: 3D Design -- # 8064 (3500500 AP3DDP) / 1 credit / Grade 12 / NCAA: no

Prerequisites: At least 2 years of high school art and an art teacher recommendation

Designed for the more serious art student. This is a college-level Advanced Placement course. The student will use inquiry-based learning to create a body of Three-dimensional work. Course outline is based on the guidelines stipulated for Advanced Placement portfolio requirements with emphasis on the Elements and Principles of Design. At the end of the year, the students are strongly encouraged to submit a portfolio to the College Board for possible college AP credit. (Fine Arts Credit or Elective Credit) Fee: \$35 Supplies Required, AP National Exam, optional *

AP History of Art -- # 8050 (A3500100 APHISTART) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Advanced English or Social Studies Course

AP Art History is designed as an equivalent to an introductory college art history survey course. This course involves intensive reading, formal visual analysis, and critical thinking. Artistic expression from a variety of human experiences and diverse cultures, past and present, will be examined. Students will consider the social, political, and religious contexts which influenced the works of art. This course requires good writing skills and a great commitment to academic course work. (Fine Arts Credit or Elective Credit) Fee: \$15 Supplies Required, AP National Exam, Optional *

Dance I (can be for fine arts or PE credit) -- # 5200 (fine arts), # 5064 (PE fall), # 5065 (PE spring) 03830100 DANCE 1) (PES00055 PEITS; PES00054 PEAA) / fine arts = 1 credit / pe = 0.5 credit / Grades 9-12 / NCAA : no

Prerequisites: None

This course will provide students with the fundamental skills and knowledge of dance as an art form and lifetime activity. Students will study various forms of dance such as ballet, modern, jazz, tap, hip hop, and social dance with an emphasis on the movement, history, and choreography of each form. Students are taught creative expression through movement and awareness of space, time, and energy as design factors in dance technique and composition. Focus is on development of self-confidence and an appreciation of dance as an art form. Dance for PE offering depends on teacher certification. (Fine Arts or PE Credit)

Dance II, III, IV -- # 5204 (II), # 5210 (III), # 5214 (IV) (03830200 DANCE 2 ; 03830300 DANCE 3 ;03830400 DANCE 4) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Credit for previous level of Dance is required and teacher recommendation

This course requires completion of Dance I or instructor permission to enroll in the upper division. Participants have opportunities to perform, choreograph, compete, and view other dancers of their age group as well as professional dancers. (Fine Arts Credit or Elective Credit)

Dance Ensemble I, II, III, IV -- #5207 (I), 5223 (II), 5226 (III), 5237 (IV) (03831300 DAN1JZ, 03831400 DAN2JZ, 03831500 DAN3JZ, 03831600DAN4JZ) / 1 credit / Grades 9-12 / NCAA : no

Prerequisites: Teacher recommendation

Dance Ensemble will reinforce fundamental technique and performance skills for genres of jazz, ballet, modern, and contemporary presented in cultural and historical context. Learning the vocabulary, principles and elements of each style is important. The class focuses on students' development of kinesiological body awareness, technical facility, spatial expressiveness, and personal creativity. Skills learned in previous dance courses are refined and reinforced in all upper-level classes. Jazz technique is emphasized. (Fine Arts Credit)

Drill Team/Advanced Dance I, II, III, IV -- # 5230 (I), # 5234 (II), # 5240 (III), # 5244 (IV) (03830100 DANCE 1; 03830200 DANCE 2; 03830300 DANCE 3; 03830400 DANCE 4)/1 credit/Grades 9-12 /NCAA: no

Prerequisites: Audition, Director Approval

Drill team performs at various athletic competitions, pep rallies, and drill team contests. Participants are responsible for annual costs for camp, costumes, and awards. This course qualifies for a full year credit for Fine Arts and provides ½ PE substitution/waiver credit in the fall for the first two years. (Fine Arts Credit or Elective Credit) Fees: specific fees will be discussed upon making the team

Pre-Drill Team Training (Dance 1) -- # 5220 (03830100 DANCE 1) (PES00055 PEITS; PES00054 PEAA) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

This class studies various forms of dance such as ballet, modern, jazz, tap, hip hop and social dance with an emphasis on movement, history, and choreography of each form. Emphasis will be placed on skills used on the dance / drill team. (Fine Arts Credit)

Dance Wellness for Athletes -- # 5217B, # 5217G (03834100 DAN1WEL)/ 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None

This course will provide athletes with fundamental skills and knowledge of dance as an artform and lifetime activity, with a specific emphasis on areas that will improve their athletic ability. Students will study various forms of dance such as ballet, jazz, hip hop, and social dance, as well as broader aspects of dance such as injury prevention, stretching, and building muscle tone. This course will help to increase flexibility, balance, explosiveness, and agility in athletes. (Fine Arts or Elective Credit)

Color Guard I, II, III, IV -- # 8560 (I), # 8564 (II), # 8570 (III), # 8574 (IV) (03830100 DANCE 1; 03830200 DANCE 2; 03830300 DANCE 3; 03830400 DANCE 4) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Audition; director approval

This class is associated with the band. Students learn dance concepts, exercises, and skills while developing an awareness of teamwork, choreography, and performance. This course will focus on movement and manipulation of equipment, as well as Dance TEKS. Students are members of the marching band ensemble unit and may be subject to the requirements that apply to band members, including after school and weekend activities. This course qualifies for a full year credit for Fine Arts and provides ½ PE substitution/waiver credit in the fall for the first two years. (Fine Arts Credit or Elective Credit) Fees: specific fees will be discussed upon making the team.

Theatre Arts I -- # 8110 (03250100 TH1) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None, students who took Theatre 3 in Middle School should not take Theatre I

By studying theatre, students will develop a perception of self, human relationships, and the world using elements of drama and conventions of theatre. Theatre allows students to develop and explore characters various types of characters through scripted and improvised scene work.”. Students will study the historical and cultural aspects of theatre, ranging from traditional Greek Theatre to Modern Day Musicals. There will be an expectation for students to be critical of all types of performances, including their own. Students will leave the course with a thorough knowledge of theatre arts, acting techniques, and the impact of theatre on modern society. (Fine Arts Credit or Elective Credit)

Theatre Arts II, III, IV -- # 8120 (II), # 8130 (III), # 8140 (IV) (03250200 TH2; 03250300 TH3; 03250400 TH4) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: credit for previous level of high school Theatre Arts or completion of Theatre Arts 3 in middle school

Through advanced study of acting techniques, students will develop their ability to perceive themselves and other characters, understand the historical and cultural perspectives of theatre, and be able to effectively criticize theatre. Students will be expected to act and perform at an advanced level, and students will often be expected to memorize and examine scripts from many different eras of theatre. Students will leave the course with a better understanding of advanced acting techniques, improvisation, and many areas of theatre history and culture. (Fine Arts Credit or Elective Credit)

Improvisational Theatre -- # 8104 (N1170126 ACTMET4) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: credit for previous level of high school Theatre Arts or completion of Theatre Arts 2 or 3 in middle school

This course focuses on the art of improvisational theatre and the skills necessary to create three-dimensional characters, coherent stories, and compelling performances through strong listening skills, emotional connection, and exploration of the key elements of theatrical storytelling. This course provides an in-depth exploration of improvisation as a vehicle for drama development, theatrical presentation, and actor training. Students apply their skills in the development of comic and dramatic improvised scenes. They analyze scene structures and the historical use of improvisation in the development of theatre for socio-political and entertainment purposes. Students experiment with long forms of improvisation to develop a final presentation. (Elective Credit) Fee: \$15 Supplies

Theatre Production I -- # 8090 (03250700 TH1PROD) / 1 credit / Grade 9 / NCAA: no

Prerequisites: middle school theatre experience and teacher recommendation and director approval

This course will provide advanced instruction in acting, and Theatre production students will be given opportunities to perform Improvisational Acting, One Act Plays, and student-directed plays. Students are expected to perform/assist in all school theatre productions. The focus of this course is to prepare students to audition for Theatre Production II & III. (Fine Arts Credit or Elective Credit)

Theater Production II, III, IV -- # 8100 (I), # 8180 (II), # 8190 (III) (03250800 TH2PROD; 03250900 TH3PROD, 03251000 TH3PROD) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Theater Production I & Director Approval

This course will provide advanced instruction in acting and Theatre production. The focus of the course will be performances in the school’s Fall and Spring productions and the UIL One Act Play. By the end of the course, students will be provided with a well-rounded theatre education in preparation for collegiate level performing arts. Students will also explore dramaturgical research for each production as well as writing and directing student produced One Acts. This course will require participation in one Theatre production each semester as well as auditioning for the UIL One Act Play. (Fine Arts Credit or Elective Credit)

Technical Theater I, II, III, IV -- # 8150 (I), # 8160 (II), # 8170 (III) (03250500 TH1TECH; 03250600 TH2TECH; 03251100 TH3TECH) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None for Tech Theater I; credit for previous level of Tech Theatre and Director Approval is required for Levels II, III, and IV

Technical Theater I is a course designed to provide learners with a basic understanding of the aesthetics and practical application of all phases of technical production. This includes the study of all visual aesthetics, the physical theater, scenic design, scenery construction and painting, property construction and design, costuming, lighting, sound engineering, and backstage organization. Level II, III, and IV will include an advanced study of all areas of Technical Theater. (Fine Arts Credit or Elective Credit) Fee: \$10 Supplies

Technical Theatre II: Theatrical Design -- # 8154 (03253500 TTH2DES) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Technical Theatre I and Director approval

Technical Theater II is the study of communication and documentation materials relative to theatrical design. There is an exploration of basic nomenclature and organizational structures used in the physical articulation of theatrical productions. You will study the use of the theatrical paperwork for proper technical and design communication required throughout the theatrical design process. Proper drafting and lettering skills will

be introduced and practiced. Also covered in this course are observations of collaborative communication and listening skills necessary throughout the design process, organizational techniques, and layout modification processes for the theatrical designer. Exercises might include lettering, line work and the drawing of the human form, the creation of a production cue sheet, elevations, ground plans, costume plots, magic sheet, and the creation of a visual research morgue and/or a visual storyboard. Course includes an introduction to and the proper drawing and drafting of theatrical documents, and relative plot communication drawings. (Fine Arts Credit or Elective Credit) Fee: \$25 Supplies

Musical Theatre I, II (CSHS Only) -- # 8114 (I), # 8124 (II), # 8134 (III), # 8144 (IV) (03251900 MUSTHEA1; 03252000 MUSTHEA2) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None, but those who are not musically inclined are encouraged to take Theatre I

Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization and all other aspects of a musical theatre production. (Fine Arts Credit, Elective Credit) Fee: \$5

Chorale I, II, III, IV (Mixed) -- #8240 (I), # 8250 (II), # 8260 (III), # 8270 (IV) (03150900 MUS1CHOR; 03151000 MUS2CHOR; 03151100 MUS3CHOR; 03151200 MUS4CHOR) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Audition

This choir is for the most advanced students, who will refine their vocal technique, music reading and listening skills, and musicianship. They will learn music history and literature through performance. (Fine Arts Credit or Elective Credit) Fee: \$100

Men's Chorus I, II, III, IV -- # 8210 (I), # 8214 (II), # 8220 (III), # 8224 (IV) (03150900 MUS1CHOR; 03151000 MUS2CHOR; 03151100 MUS3CHOR; 03151200 MUS4CHOR) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None

Students develop vocal techniques, music reading, ear training, and listening skills, as well as teamwork and leadership. They will learn music history and literature through performance. (Fine Arts Credit or Elective Credit) Fee: \$100

Concert Treble Choir III, IV -- # 8310 (I), # 8320 (II), # 8330 (III), # 8340 (IV) (03150900 MUS1CHOR; 03151000 MUS2CHOR; 03151100 MUS3CHOR; 03151200 MUS4CHOR) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Audition

Students in these choirs are experienced vocalists. They further develop vocal techniques, music reading and listening skills and learn music history and literature through performance. (Fine Arts Credit or Elective Credit) Fee: \$100

Choir Vocal Ensemble I, II, III, IV -- # 8350 (I), # 8360 (II), # 8370 (III), # 8380 (IV) (03152100 MUS1VOEN; 03152200 MUS2VOEN; 03152300 MUS3VOEN; 03152400 MUS4VOEN) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Audition

These advanced students study a variety of vocal styles, primarily contemporary acapella literature. Students develop and refine individual vocal skills. Students must be concurrently enrolled in Concert Treble III/IV or Chorale. (Fine Arts Credit or Elective Credit) Fee: Other fees may apply based on the years' activity, performance needs, and related travel. These fees will be collected and processed by the booster club.

Band I, II, III, IV -- # 8450 (I), # 8460 (II), # 8470 (III), # 8480 (IV) (03150100 MUS1BAND; 03150200 MUS2BAND; 03150300 MUS3BAND; 03150400 MUS4BAND) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Must have at least one full year of band or exhibit proficiency on a band instrument with director's approval to enroll. Must complete the previous level before advancing to the next level.

Band provides opportunities to gain knowledge in instrumental technique, music theory, music history, critical listening, creative listening, self-discipline, and citizenship through a variety of performance settings (i.e. marching band, concert band, small ensembles, and solo performance). During fall semester, students will participate in the Marching Band. The Marching Band performs at varsity football games, pep rallies, marching contests, and parades. During marching season, the band will practice outside of regular school hours. Practices are limited by U.I.L. to no more than eight hours per week. After marching season, the marching band will be divided into various concert bands by audition (i.e. Concert Band, Symphonic Band, Wind Symphony, etc.). After school rehearsals and/or sectionals may continue throughout the concert season. Student attendance is required for all performances and rehearsals. Summer marching band practice is also required. This course qualifies for a full year credit for Fine Arts and provides ½ PE substitution/waiver credit in the fall for the first two years. (Fine Arts Credit or Elective Credit) Fee: If using a school-owned instrument, a \$125 Instrument fee will be assessed for the year. Other fees may apply.

Jazz Ensemble I, II, III, IV -- # 8610 (I), # 8620 (II), # 8630 (III), # 8640 (IV) (03151300 MUS1JZBN; 03151400 MUS2JZBN; 03151500 MUS2JZBN; 03151600 MUS4JZBN) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Audition

Emphasis on the theory of music, improvisation, styles and techniques of jazz, and small ensemble sound. Performances in jazz festivals, school musicals, and other events by invitation. Students are required to attend all competitions, performances, and outside rehearsals. Membership is by audition and depends upon specific instrumentation needs. Wind players must be enrolled in band; rhythm section players (guitar, bass, piano, and drum set) must be enrolled in band, choir, or orchestra. (If there are no qualified rhythm section candidates in the parent organizations, the director may elect to open auditions to other students). (Fine Arts Credit or Elective Credit) Fee: some fees may apply.

AP Music Theory -- #8700 (A3150200 APMUSTHY) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: at least one year of high school band, orchestra, or choir

Music Theory is the rigorous study of the fundamental components of music. It explores the language and notation of music through deep understanding of melody and harmony. This study will be accomplished through musical notation, ear training, composition, and analytical writing. Students may elect to take the AP Music Theory exam at the end of the year, which may garner college credit. Fee: National AP exam, optional (Fine Arts, Elective credit) *

Orchestra I, II, III, IV -- # 8710 (I), # 8720 (II), # 8730 (III), # 8740 (IV) (03150500 MUS1ORCH; 03150600 MUS2ORCH; 03150700 MUS3ORCH; 03150800 MUS4ORCH) / 1 credits / Grades 9-12 / NCAA: no

Prerequisites: Participation in all orchestras is subject to director placement determined by audition.

Students will study music history and literature through performance. Rehearsals and performances outside of school are considered co-curricular, are required, and affect the students' grades. The school will provide cellos and string basses for school use, but every student is required to own or rent their own instrument and accessories. (Fine Arts Credit or Elective Credit) Concert Orchestra: Students focus on refining string instrument techniques, music reading, and listening skills. JV Orchestra: Experienced students further refine their technique, music reading and listening skills. Varsity Orchestra: Students with superior musical abilities further refine their technique, listening skills, creativity, and discrimination. Fee: \$125 Instrument, Supply, and Travel Fee

Music Studies I-III - # 8800 (I), # 8803 (II), # 8806 (III) (03152500 MUS1APL; 03152600 MUSC2APL; 03152601 MUSC3APL) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Approval by the program director and district Director of Fine Arts

This course provides a deeper level of rigor and individual development for students on their principal instrument or voice part. The ability to read music and have individual practice fundamentals are required, along with additional enrollment in another music course. (Fine Arts Credit)

Course Descriptions – Health and PE

Cheerleading – #5251 / 5252 (1st year), #5261 / 5262 (2nd year), #5255 / 5256 (3rd year), #5265/5266 (4th year)

(5151-PES00013 SUBCHLDG; 5255 - PES00013 SUBCHLDG; 5261 – 03830100 DANCE 1; 5265 – PES00054 PEAA) / 0.5 or 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Tryout

Cheerleaders are selected 100% by outside judges. They perform at various sports events and are a spirit squad. PE credit is earned for the first year of cheer. A fine art credit is earned for the second year of cheer. Fees: will be discussed after student makes the team; an estimated list of fees will be provided at the mandatory parent meeting before tryouts in the spring.

Dance I (can be for fine arts or PE credit) -- # 5200 (fine arts), # 5064 / 5065 (PE) (03830100 DANCE 1) (PES00055 PEITS; PES00054 PEAA) / 1 credit fine arts, 0.5 credits PE / Grades 9-12 / NCAA: no

Prerequisites: None

This course will provide students with the fundamental skills and knowledge of dance as an art form and lifetime activity. Students will study various forms of dance such as ballet, modern, jazz, tap, hip hop, and social dance with an emphasis on the movement, history, and choreography of each form. Students are taught creative expression through movement and awareness of space, time, and energy as design factors in dance technique and composition. Focus is on development of self-confidence and an appreciation of dance as an art form. Dance for PE offering depends on teacher certification. (Fine Arts or PE Credit)

Health -- # 5012 (03810100 HLTH ED) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None

Students will gain an understanding of health information and skills through six strands: personal health and hygiene; mental health and wellness; healthy eating and physical activity; injury and violence prevention and safety; alcohol, tobacco, and other drugs; and reproductive and sexual health. (Elective Credit)

Sports Medicine I -- # 5270 (N1150040 SPORTMD1) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None

Provides an opportunity for the study and application of the components of sports medicine including, but not limited to, sports medicine related careers; organizational and administrative considerations; prevention of athletic injuries; recognition, evaluation, and immediate care of athletic injuries; rehabilitation and management skills; taping and wrapping techniques; first aid, CPR, and AED emergency procedures; nutrition; sports psychology; human anatomy and physiology; therapeutic modalities; and therapeutic exercise. (Elective Credit)

Sports Medicine II -- # 5290 (N1150041 SPORTMD2) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Sports Med I, Application, interview admission only

This course is for athletic training students only. It provides an in-depth study and application of the components of sports medicine including, but not limited to, basic rehabilitative techniques; therapeutic modalities; wound care; taping and bandaging techniques; prevention, recognition and care of musculoskeletal injuries; injuries to young athletes; drugs in sports; and modern issues in sports medicine. Individualized and independent assignments will be included in this course. Outside of class homework and time working with athletes and athletic teams after school will be required. (Elective Credit)

Sports Medicine III -- # 5293 (N1150044 SPORTMD3) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Sports Med II, Application, interview admission only

This course is for athletic training students only. It continues Sports Med II. It provides an in-depth study and application of the components of sports medicine including, but not limited to, basic rehabilitative techniques; therapeutic modalities; wound care; taping and bandaging techniques; prevention, recognition, and care of musculoskeletal injuries; injuries to young athletes; drugs in sports; and modern issues in sports medicine. Individualized and independent assignments will be included in this course. Outside of class homework and time working with athletes and athletic teams after school will be required. (Elective Credit)

Lifetime Fitness and Wellness Pursuits -- #5170 (PES00051) / 1 credit / Grades 9-12 / NCAA: no

Prerequisite: None

The Lifetime Fitness and Wellness Pursuits course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students in Lifetime Fitness and Wellness Pursuits will apply the knowledge and skills to demonstrate mastery of the concepts needed to achieve lifetime wellness. Students will participate in a variety of physical activities for attaining personal fitness and lifetime wellness.

Skill-Based Lifetime Activities -- #5160 (PES00056) / 1 credit / Grades 9-12 / NCAA: no

Prerequisite: None

The Skill-Based Lifetime Activities course offers students the opportunity to demonstrate mastery in basic sport skills, basic sport knowledge, and health and fitness principles. Students will experience opportunities that promote physical literacy and lifetime wellness. Students in Skill Based Lifetime Activities will participate in a minimum of one lifelong activity from each of the following five categories during the course. (A) Target games are activities in which students send an object toward a target. (B) Striking and fielding games are activities in which students strike an object to score points within a game. (C) Fitness activities provide opportunities for students to apply fitness principles to accomplish an objective. (D) Rhythmic activities provide opportunities for students to demonstrate or create movement sequences with rhythm. (E) Innovative games and activities with international significance are those games and activities that use new or innovative equipment, have been created by students, or are played internationally.

Lifetime Recreation and Outdoor Pursuits -- #5060 (PES00053 LIFEROP) / 1 credit / Grades 9-12 / NCAA: no

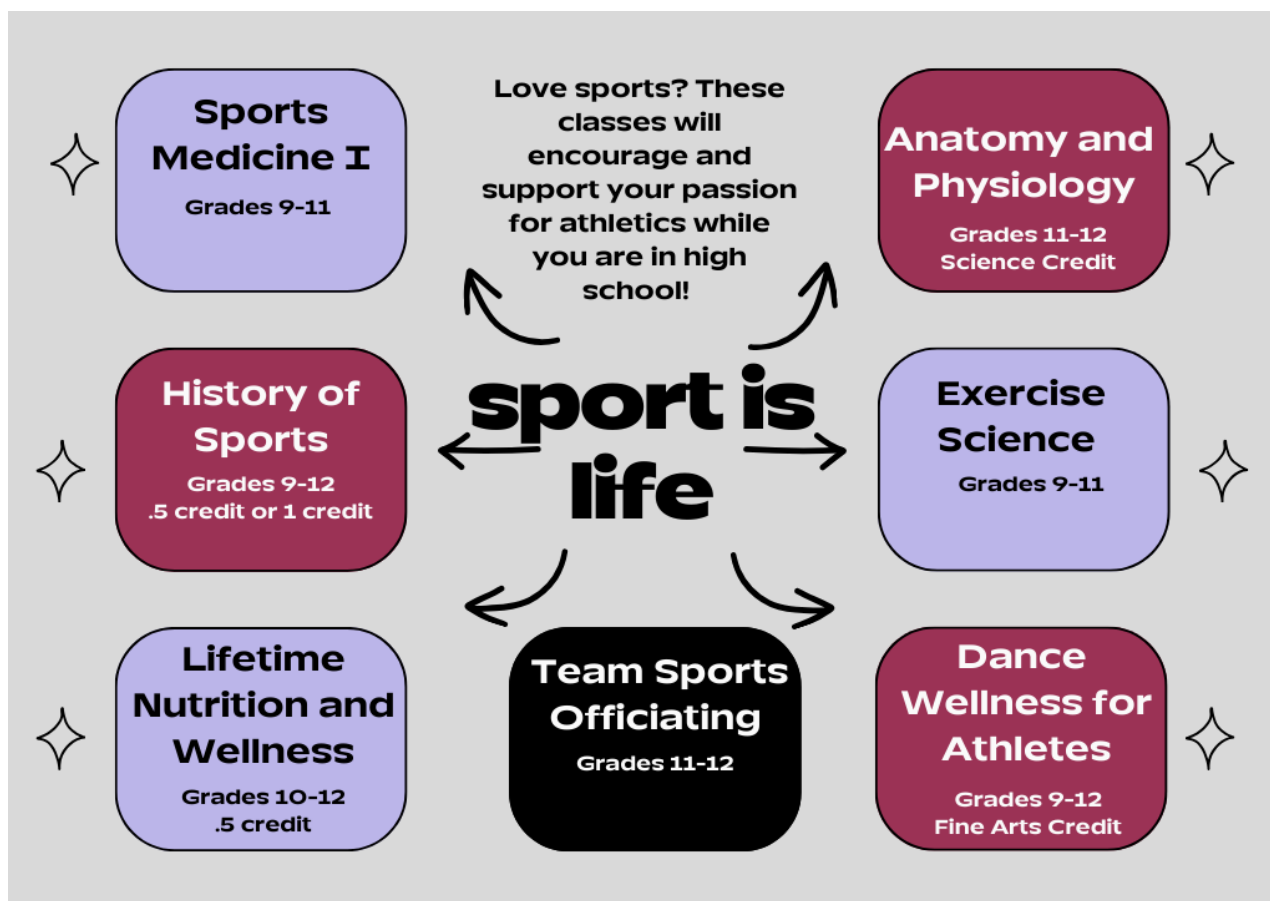
Prerequisite: None

The Lifetime Recreation and Outdoor Pursuits course provides opportunities to develop competency in five or more life-long recreational and outdoor pursuits for enjoyment and challenge. Students in Lifetime Recreation and Outdoor Pursuits will participate in activities that promote physical literacy, promote respect for and connection to nature and the environment, and promote opportunities for enjoyment for a lifetime. Students will experience opportunities that enhance self-worth and support community engagement.

Team Sports Officiating - # 5123 (N1160012) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Athletic participation requirement (Minimum of 3 years of previous UIL athletics participation in grades 7-12)

Students enrolled in Team Sport Officiating learn rules and regulations of selected team sports, developing skills in communication, decision making, and conflict management which are needed to officiate team sport competitions. Working with coaches, players, other officials, and parents, the expectation is that by the end of the course students will have the ability to officiate at various levels and manage responsibilities that come with the role. Students will be introduced to the rules of the games and officiating mechanics based on approved University Interscholastic League (UIL) association specifications which will form a foundation for a lifetime advocating in officiating. Experienced officials will assist in providing “real-world” experiences in preparing the students for the situations they will face. Students will also develop a personal fitness plan and safety plan that directly relates to the needs of an official. Students apply time management skills and adhere to professional responsibilities and standards including the Sports Officials Code of Ethics and the legal rights and responsibilities of a sports official involved with youth sports in the 21st century. (Elective Credit)



Competitive Athletics

Four credits of Physical Education can be earned in competitive athletics. Competitive Athletic programs are a privilege. Students may be released at coaches' discretion. If a student is cut from a sport, the parent will be contacted by the coach. PEIMS (9th – PES00000 SUBATH1; 10th – PES00001 SUBATH2; 11th – PES00002 SUBATH3; 12th – PES00003 SUBATH4) *Course numbers below that end in "1" denote the fall semester. Course numbers that end in "2" denote the spring semester.*

Course Name	9	10	11	12	Notes
Baseball	5691/5692	5701/5702	5641/5642	5645/5646	Must be able to participate over Spring Break, must have participated in organized baseball during the past two years.
Basketball – Boys	5611/5612	5621/5622	5591/5592	5595/5596	Must participate both semesters, mandatory practice before and after school starting in October, must be able to travel during winter break
Basketball – Girls	5411B/5412B	5421/5422	5491/5492	5495/5496	Must participate both semesters, mandatory practice before and after school starting in October, must be able to travel during winter break
Cross Country – Boys	5451/5452	5471/5472	5481/5482	5485/5486	Mandatory practice in July
Cross Country / Distance Track – Girls	5441/5442	5371/5372	5381/5382	5385/5386	Mandatory practice in July
Football	5511/5512	5521/5522	5531/5532	5535/5536	Mandatory practice in early August
Golf - Boys	5711/5712	5715/5716	5851/5852	5855/5856	Spring tryouts required
Golf - Girls	5741/5742	5746/5746	5751/5752	5755/5756	
Gymnastics	5301/5302	5311/5312	5321/5322	5325/5326	To participate on the team, a student must be enrolled at a private club with a minimum of 6 hours of workout per week. Student is responsible for payment of lessons and transportation.
Powerlifting - Boys	5861/5862	5865/5866	5871/5872	5875/5876	
Powerlifting - Girls	5861G/5862G	5865G/5866G	5871G/5872G	5875G/5876G	
Soccer - Boys	5331/5332	5671/5672	5831/5832	5835/5836	Tryouts in November
Soccer - Girls	5341/5342	5681/5682	5841/5842	5845/5846	Tryouts in November
Softball	5411S/5412S	5721/5722	5731/5732	5735/5736	Must be able to participate over Spring Break
Swimming	5761/5762	5771/5772	5821/5822	5825/5826	AMCHS Only
Tennis	5551/5552	5651/5652	5661/5662	5665/5666	Expected to compete in USTA tournaments, practice starts the week before school begins
Track - Boys	5601/5602	5631/5632	5561/5562	5565/5566	
Track - Girls	5461/5462	5431/5432	5361/5362	5365/5366	
Volleyball	5411 /5412V	5401/5401	5391/5392	5395/5396	Mandatory practice in early August
Wrestling	5781/5782	5791/5792	5811/5812	5815/5816	

Course Descriptions – Special Education

The following is a list of the courses with modified Texas Essential Knowledge and Skills which are taught by special education teachers. All special education courses are taken for credit, as are general education courses. SPECIAL NOTE: Students determined eligible for specialized instructional services by an Admission, Review and Dismissal/Individual Education Plan Committee (ARD/IEP) may be served through classes identified in the Course Catalog as “Special Education”. Students taking a special education course, or general education course with modified curriculum, will graduate under the Foundation Plan rather than the Foundation Plan with Endorsement, when the credit(s) is/are applied toward a course required for graduation. For further information, please contact the Special Education Department or your student’s counselor.

Reading Improvement, I, II, III -- # 1070 I, # 1074 II, # 1077 III (03270700 READ1; 03270800 READ2; 03270900 READ3) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A supportive reading course modified to complement the learning requirements of students whose difficulty in reading significantly impacts their acquisition of knowledge and skills. Students will practice using speaking, listening, reading, and writing strategies in an integrated reading classroom. This course includes an emphasis on relevant and meaningful applications for reading today, along with learning techniques and test-taking strategies. (Elective Credit)

Fundamentals of English I -- # 1107 (03220100 ENG1) / 1 credit / Grade 9 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified curriculum that emphasizes skill development in reading, writing, literature, re-search skills, language, grammar, critical thinking, and cooperative learning and intense focus and preparation for the STAAR EOC English I exam, specifically the expository essay. Major writing forms include exposition, persuasion, comparison/contrast, and narrative. In literature, the major genres covered include fiction (short stories and novels), nonfiction, poetry, and drama. (English Credit)

Fundamentals of English II -- # 1207 (03220200 ENG2) / 1 credit / Grade 10 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified curriculum with emphasis on the skills of reading, writing, language usage, grammar, research, and intense focus and preparation for the STAAR EOC English II exam, specifically the persuasive essay. Reading selections will include novels, plays, short stories, poetry, and nonfiction passages from world literature. (English Credit)

Fundamentals of English III -- # 1307 (03220300 ENG3) / 1 credit / Grade 11 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified curriculum including a chronological survey of religious, philosophical, and literary movements in American literature from the 17th to the 20th century. A variety of poetry, essays, and short stories will be read. Skills are developed in reading and literary analysis, writing for various purposes, speaking, listening, critical thinking, research techniques, and preparation for standardized tests. (English Credit)

Fundamentals of English IV -- # 1407 (03220400 ENG 4) / 1 credit / Grade 12 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified curriculum including a chronological survey of religions, philosophical, and literary movements in British literature from the Anglo-Saxons to the 20th century. Exposure to major authors, works, and themes, focusing on literary analysis and poetry from all major periods of British literature. Emphasis on reading, writing, language usage, literary devices, and research skills. Preparation for the world beyond high school is a constant motif. (English Credit)

Fundamentals of Algebra I -- # 2117 (03133500 ALG 1) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified curriculum that introduces the operations and properties of real numbers, variables, equations, linear functions and systems, inequalities, polynomials, factoring, and irrational and rational numbers. The use of graphing calculators is incorporated throughout to support the curriculum. Students will prepare for the STAAR Algebra I EOC Exam. (Math Credit)

Fundamentals of Geometry -- # 2127 (03100700 GEOM) / 1 credit / Grades 10-11 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified curriculum that includes the introduction and basics of plane, solid, and coordinate geometry. The class stresses geometric knowledge of physical space, deductive and inductive reason, and the integration of geometry and algebra. (Math Credit)

Fundamentals of Algebraic Reasoning -- # 2137 (03102540 ALGREA) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified curriculum where students will broaden their knowledge of multiple representations of linear, quadratic, square root, rational, exponential, and absolute value functions. Students will study these functions through explorations of patterns and structure, composition of functions, number and algebraic methods, and modeling from data. (Math Credit)

Fundamentals of IPC -- # 3117 (03060201 IPC) / 1 credit / Grades 9-10 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified curriculum which includes laboratory study and the metric system, measurement, nature of matter, physical and chemical changes, motion and machines, electricity and magnetism, wave motion, light and sound. (Science Credit)

Fundamentals of Biology -- # 3217 (03010200 BIO) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified study of cell function, systematic approach to organisms, principles of heredity, taxonomy, ecological principles, and an introduction to botany. Biological principles are reinforced by strong lab experience. Student will prepare for the STAAR Biology EOC Exam. (Science Credit)

Fundamentals of Chemistry -- # 3417 (03040005 CHEM) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified curriculum which includes laboratory study that emphasizes theoretical foundations of chemistry and development of skills in manipulation, acquisition, classification, and communication of data. (Science Credit)

Fundamentals of World History -- # 4007 (03340400 W HIST) / 1 credit / Grades 9-10 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified study of history and the development of a variety of world cultures past and pre-sent. Provides a basis for comparison of various ways of life and cultural patterns and an understanding of the way these patterns occurred over time. (Social Studies Credit)

Fundamentals of World Geography -- # 4107 (03320100 W GEO) / 1 credit / Grade 10 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified exploration of our world through investigation of physical and human geography. Students use geographic concepts to study specific nations and regions with an emphasis on understanding interactions between humans and their environment. (Social Studies Credit)

Fundamentals of U. S. History -- # 4217 (03340100 US HIST) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified study of significant people, issues, and events through an investigation of authentic documents, art, and music. Course will briefly review Revolutionary and Civil War eras but will focus on Reconstruction to the present. Student will prepare for the STAAR US History EOC Exam. (Social Studies Credit)

Fundamentals of U. S. Government -- # 4318 (03330100 GOVT) / 0.5 credit / Grade 12 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified look at political heritage, comparative political systems, the Constitution, civil liberties, and civil rights, the three branches of government, Texas and local government, law and criminal procedures, political parties, campaigns, and the responsibilities of citizenship. (Social Studies Credit)

Fundamentals of Economics -- # 4339 (03310300 ECO-FE) / 0.5 credit / Grade 12 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

A modified program to promote a general understanding of U.S. Economic activities; the basic differences between capitalism, socialism, and communism; the influence of U.S. ideals of democratic government, laws, customs, and institutions on free enterprise and familiarization with basic economic terms. (Social Studies Credit)

Pathways to Success -- # 9867 (I), # 9877 (II), # 9887 (III), # 9897 (IV) (N1290051 PATHCC1; N1290052 PATHCC2; N1290053 PATHCC3; N1290054 PATHCC4) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation as an elective

Designed to assist students with strategies that will, when applied consistently, aid the students' successes in the classroom. Organizational skills are emphasized as students develop practical approaches to studying, completing assignments, addressing homework, and facilitating increased responsibility for classroom activities. Study habits are monitored, and social skills are taught. (Elective Credit)

Applied English I, II, III, IV -- # 1107L, 1207L, 1307L, 1407L

(03220107 ENG1; 03220207 ENG2; 03220307 ENG3; 03220407 ENG4) / 1 credit / Grades 9-12 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Applied English will assist students in developing skills in the areas of expressive, receptive, written, and/or symbolic representations of language. Students will integrate language to understand oral, written, and/or symbolic communication. Oral, written, and/or symbolic language will be used to express ideas, demands, and needs, and to make inquiries. Communications will explore job-related language use related employment services, interview skills, interpersonal skills, job search, and the application process. (English Credit)

Applied Math Courses -- # 2117L (Alg), # 2127L (Geom), # 2137L (Alg Reason) (03100507 ALG1; 03100707 GEOM; 03102540 ALGREA) / 1 credit / Grades 9-11 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Designed to reinforce math operations using a variety of practical, real-life situations that facilitate the understanding of using mathematics in daily living exercises. Emphasis is on basic operations using money, measurement, and time in common home, family, and work-related environments. (Math Credit)

Applied Science Courses -- # 3117L (IPC), # 3217L (Bio), # 3404L (Chem Comm) (V3060201 IPC; 03010207 BIO; 03040000 CHEM) # 3723 (Env Syst) / 1 credit / Grades 9-11 / NCAA: yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Science-based concepts related specifically to independent daily living and employment. Attention is given to relating science to home and job practices that foster the understanding of students' roles and responsibilities in the care and operation of both facilities. Activities are "hands-on" experiences with an emphasis on cooperative learning strategies. (Science Credit)

Applied Social Studies -- # 4107L (WH), # 4127L (WG), # 4217L (USH), # 4318L (Gov), # 4339L (Econ) (03340407 WHIST; 03320107 WGEOG; 03340107 USHIST; V3330100 GOVT; V3310300 ECON) / 1 credit or 0.5 credit / Grades 9-12 / NCAA: Yes

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Defines the rights, privileges, and responsibilities of students within their school, community, and employment settings. Concepts include voting, laws, consequences of unlawful behavior, honesty, integrity, community volunteerism, and rules for specific situations, including employment. Students will become familiar with the basic concepts of personal responsibility as related to employability and/or being a productive, contributing member of a business, community and/or organization. (Social Studies Credit)

Life Skills – Activities of Daily Life

9870, # 9880, # 9890, # 9917, # 9957, # 9987, # 9977

Prerequisites: Qualified Special Education Student; ARD/IEP Committee Recommendation

Developed to integrate the domestic, recreation, leisure, and school community domains. Students investigate, through activity-based sessions, a variety of activities associated with the daily living experience. Students will study areas of cooking, safety, leisure, responsibilities, budget, time management, first aid, and communication. Personal safety and responsibility will be examined in terms of taking care of oneself, others, and/or pets. Health care, transportation, telephone skills, and appropriate recreation activities are addressed. Students will experience strategies to respond to potential emergencies that may appear in the process of daily living. (Elective Credit)

Employability Skills -- # 0230 (85000XXX) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Qualified Special Education student / ARD/IEP

This course prepares students for the transition to the world of work. Students explore career options and complete interest inventories and skills assessments to identify careers suited to their interests and abilities. Students are introduced to interview skills, social skills, professional communication and attire, and soft skills necessary for employment and independent living. This course may include work-based learning opportunities on campus, field trips to local employers and training providers, and assistance in accessing post-secondary services in the community.

Course Descriptions – Elective and Non-Credit Courses

Leadworthy Teen Leadership -- # 1033 (N1290012 TEENLDR) / 0.5 credit / Grades 9-12 / NCAA: no

Prerequisites: None

Teen Leadership is a leadership development and character education elective. The course develops critical, life-changing skills for students including taking personal responsibility, expressing themselves well, and making good decisions when problems arise. The practical skills taught in the course will apply both formal and informal leadership opportunities in school and beyond. Students will enhance their public speaking and communication skills through speeches and small and large group activities and will develop interpersonal skills and emotional intelligence through activities with other participants. (Elective or Speech Credit)

Partner PE: Peer Assistance for Students with Disabilities -- # 0100P (1st year), # 0104P (2nd year) (N1290203 PASWD1, N1290204 PASWD2) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: application and interview process

Partner PE is a success oriented physical education program featuring supervised peer tutors and individualized learning and instruction for students with disabilities. The class is designed to meet the unique physical education needs of students with disabilities who cannot meet the requirements of regular physical education because of physical, social emotional, or behavioral limitations. Students who enroll in Partner PE will have the opportunity to partner with students with disabilities, develop leadership skills, and learn more about possible careers involving individuals with disabilities. (Elective Credit)

Partner Art: Peer Assistance for Students with Disabilities -- # 0100A (1st year), # 0104A (2nd year) (N1290203 PASWD1, N1290204 PASWD2) / 1 credit / Grades 11-12 /

Prerequisites: application and interview process

Partner Art is a success-oriented art education program featuring supervised peer tutors and individualized learning and instruction for students with disabilities. The class is designed to meet the unique education needs of students with disabilities exploring two-dimensional and three-dimensional media through arts and crafts projects with support from their peer. Students who enroll in Partner Art will have the opportunity to partner with students with disabilities, develop leadership skills, and learn more about possible careers involving individuals with disabilities. (Elective Credit)

Advancement Via Individual Determination (AVID)

AVID is an elective course that prepares students for college readiness and success and is scheduled during the regular school day as a year-long course. Students must apply for entry into the elective. The process includes, but is not limited to, a written application and an oral interview. Grades, STAAR EOC scores, attendance, and behavior records are all reviewed as part of the process. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities, and academic success skills. Students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. Additionally, students engage in activities centered around exploring college and career opportunities and their own agency. AVID has standards and has been approved as an innovative course with TEKS. The standards increase as the year of AVID increases.

AVID 9th Grade -- # 0110 (N1290001 AVID1) / 1 credit / Grade 9 / NCAA: no

Prerequisites: Placement in AVID program and an agreement to enroll in rigorous courses

The 9th grade AVID elective course introduces the AVID philosophy and strategies. Students will work on academic and personal goals, communication, and adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals, and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions, and use sources to support their ideas and opinions. Students will prepare for college entrance and placement exams, while refining study skills, test-taking, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. Their college research will include financial topics and build their knowledge of colleges and careers of interest. (Elective Credit)

AVID 10th Grade -- # 0120 (N1290002 AVID2) / 1 credit / Grade 10 / NCAA: no

Prerequisites: Placement in AVID program and an agreement to enroll in rigorous courses

The 10th grade AVID elective course refines the AVID strategies to meet the student's independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing their awareness of the impact of their actions and behaviors. As students increase their rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. Students will expand their writing portfolio to include analyzing prompts, supporting arguments and claims, character analysis, and detailed reflections. Students will also analyze various documents to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their colleges and careers of interest, based on personal interests and goals. (Elective Credit)

AVID 11th Grade -- # 0130 (N1290030 AVID3) / 1 credit / Grade 11 / NCAA: no

Prerequisites: Placement in AVID program and an agreement to enroll in rigorous courses

This AVID elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies, and tasks that are undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans. (Elective Credit)

AVID 12th Grade -- # 0140 (N1290033 AVID4) / 1 credit / Grade 12 / NCAA: no

Prerequisites: AVID III and agreement to enroll in rigorous courses

This AVID Elective course is the second part in a junior/senior seminar course that focuses on the writing and critical thinking expected of first- and second-year college students. Students will complete a final research essay project with research skills gained in their junior year in AVID. In

addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies, and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID, as well as complete the requirements for the seminar course. (Elective Credit)

Seniors may have up to two no credit classes per semester if they have met their CCMR requirement. All other students may only have one per semester. Only seniors may have “off periods.”

No Class (Seniors Only – No Credit)

<u>Fall</u>	<u>Spring</u>		<u>Fall</u>	<u>Spring</u>	
9111	9112	No Class 1 st	9161	9162	No Class 6 th (CSHS only)
9121	9122	No Class 2 nd	9171	9172	No Class 7 th
			9181	9182	No Class 8 th (AMCHS only)

Prerequisites: Seniors Only, be caught up on credits for graduation

Only for seniors who wish to be off campus two periods. Periods must be at the beginning or end of each day. A student may not have a 1st period class with 2nd period no class, nor can they have an off period before a credit bearing class at the end of the day.

Study Hall - # 9301 / 9301 / no credit / Grades 9-12 / NCAA: no

Prerequisites: Counselor approval, caught up on credits

Study Hall gives the student an opportunity to get homework done during the school day. This is a no credit, supervised classroom setting open to anyone.

Blinn/Texas A&M University -- # 9310 - # 9370 / no credit / Grades 11-12 / NCAA: no

Prerequisites: Must have an 80 average - or 3.0 GPA, counselor approval, parental consent, and pass TSI.

Students may use one or two high school periods for one college course or two or three high school periods for two college courses. Students must see their counselor for letter of recommendation to Blinn or TAMU. Must present Blinn/TAMU confirmation letter to counseling office showing schedule and payment. (College Credit) Fee: Tuition and fees vary, paid to university.

Library Aide -- # 9211 / # 9222 / no credit / Grades 9-12 / NCAA: no

Prerequisites: caught up on credits

Library aides assist in the library. This is not a study hall. Students should be trustworthy and able to work independently.

Nurse Aide (CSHS) -- # 9241 / # 9242 / no credit / Grades 9-12 / NCAA: no

Prerequisites: caught up on credits

Nurse aides assist in the Nurse's office. This is not a study hall. Students should be trustworthy and able to work independently.

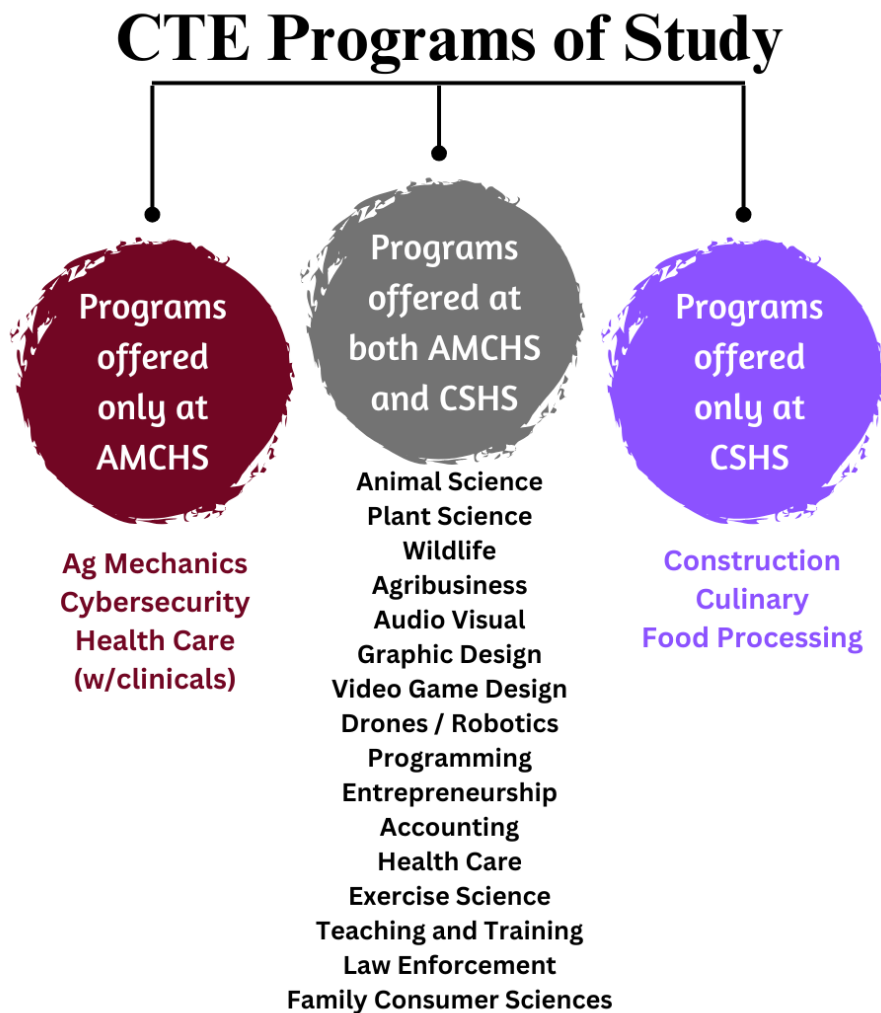
Counseling Aide -- #9231 / # 9232

Prerequisites: caught up on credits

Counseling aides assist in the Counseling office. This is not a study hall. Students should be trustworthy and able to work independently.



All students take the introductory course at their zoned campus as a freshman and then transfer if they wish to do a Program of Study offered at the other campus.



College Station Independent School District offers Career and Technology Education programs in Agriculture Science, Health Science Technology, Family and Consumer Science, Business Management and Administration, Trade and Industrial Education, Arts, A/V and Communication, Architecture and Construction, Hospitality (Culinary), Human Services, Information Technology, Law and Public Safety, Marketing and Finance, and STEM. Admission to these programs is based on grade level and completion of identified prerequisites. It is the policy of College Station Independent School District not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities and provides equal access to the Boy Scouts and other designated youth groups as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. The College Station Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator, Bridgett Cooper, at 1812 Welsh, College Station, Texas 77840, (979) 764-5411, and/or the Section 504 Coordinator, Devin Henry at 1812 Welsh, College Station, Texas 77840, (979) 764-5433.

College Station Independent School District
Success...each life.... each day.... each hour

LEARN ON THE LAND



Visit the ASC website
to learn more



Take a Class at the **AGRICULTURE SCIENCE CENTER**

Transportation is provided from your home high school campus to the ASC. Walk outside your classroom here at the ASC to the 90 acres of learning opportunities. These 2 period block classes will allow you time to travel to the CSISD Agriculture Science Center, which is a facility that allows you to learn on the land.



**GAME CAMERAS &
STOCKED POND**



**HANDS-ON WITH LIVE
ANIMALS**



**MANAGE THE CSISD
CATTLE HERD**

Courses at the ASC:

- 6030 – Wildlife
- 6077 – Range
- 6037 – Practicum in Natural Resources
- 6040 – Livestock & Poultry Production
- 6050 – Vet Science
- 6087 – Practicum in Animal Science



APPLICATIONS DUE MARCH 7, 2025

CSISD Career & Technical Transfer Courses

IN ORDER TO BE ACCEPTED AS A CTE TRANSFER, IT IS IMPORTANT TO UNDERSTAND YOU ARE REQUESTING TO TRANSFER CAMPUSES FOR A MULTIPLE YEAR PROGRAM, NOT JUST ONE COURSE. IF YOU ARE ACCEPTED, YOU WILL BE RESPONSIBLE FOR SIGNING A CONTRACT THAT MAPS OUT THE CTE COURSES YOU MUST TAKE EACH YEAR IN ORDER TO STAY ON TRANSFER. IF AT ANYTIME YOU STOP TAKING THESE COURSES, YOU WILL BE REMOVED BACK TO YOUR HOME CAMPUS.

COURSES

TRANSFER TO AMCHS FOR:

- AGRICULTURAL MECHANICS
- CYBERSECURITY
- HEALTH SCIENCE WITH CLINICALS

TRANSFER TO CSHS FOR:

- CONSTRUCTION
- CULINARY
- FOOD PROCESSING

TRANSFERS MAY IMPACT
ATHLETIC ELIGIBILITY.

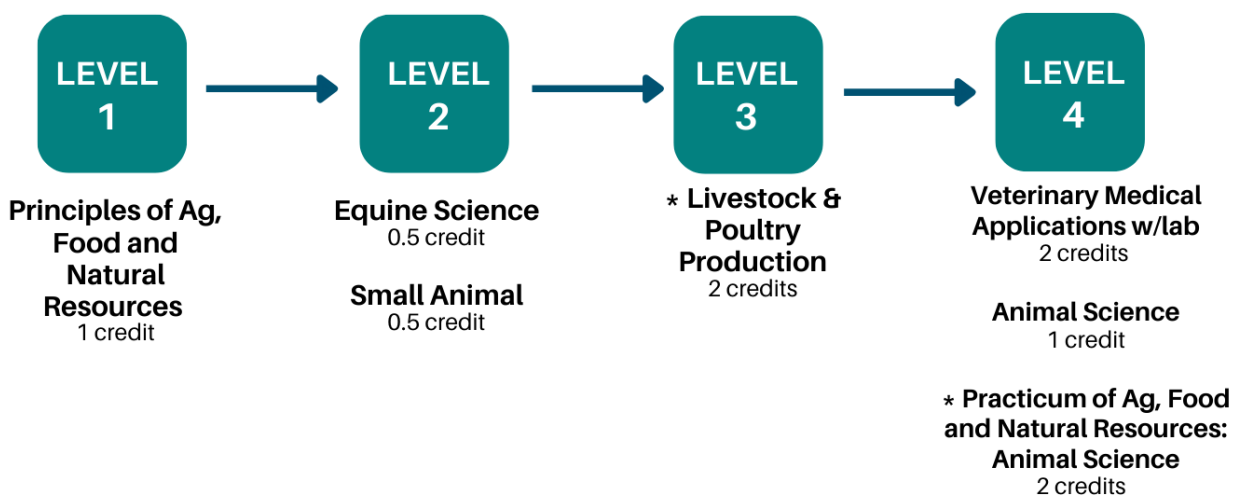


ANIMAL SCIENCE

Offered at both AMCHS and CSHS

Ag, Food and Natural Resources

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Animal Science program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met.

POTENTIAL INDUSTRY BASED CERTIFICATION

- *AgriLife Veterinary Assistant Certificate
- *Elanco Fundamentals of Animal Science



Animal Science Program of Study Course Descriptions

Principles of Ag, Food & Natural Resources - #6000 (13000200 PRINAFNR) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

This class will help students expand their leadership and communication skills while furthering knowledge of the effects of agriculture on our world. The class will focus on the elements of the FFA, and a basic study of soils, plants, and various livestock species. (Elective/CTE Credit)

Equine Science -- # 6043 (13000500 EQUINSCI) / 0.5 credit / Grades 10-12 / NCAA: no

Prerequisites: Principles of Ag, Food & Nat Resources recommended

Students will study selection, nutrition, reproduction, handling, and management to prepare for a career in the horse industry. Horseplay allowed! (Elective/CTE Credit)

Small Animal Management -- # 6053 (13000400 SMANIMGT) / 0.5 credit / Grades 10-12 / NCAA: no

Prerequisites: Principles of Ag, Food & Nat Resources recommended

Small animals are special creatures; whether you are a cat person, a reptile lover, or you prefer pocket pets, you will experience it all. Students will attain knowledge and skills related to animal identification, animal behavior, anatomy, and the care and management of animals ranging from small mammals such as dogs and cats to amphibians and reptiles. (Elective/CTE Credit)

Entrepreneurship -- # 6600 (13011101 ENTREP) / 1 credit / Grades 10-12 / NCAA : no

Prerequisites: Principles of Business, Marketing and Finance recommended

Have you ever wondered what it would be like to own your own business? This class will help you understand what it takes to analyze a business opportunity, prepare a business plan, research your idea, and develop a plan to organize and promote the business and its products / services. (Elective/CTE Credit) *Does not satisfy the Ag course requirement for FFA membership.*

Livestock & Poultry Production + Agricultural Laboratory and Field Experience-- # 6103 (13000310 LIVPROLAB) / 2 credits / Grades 10-12 / NCAA: no

Prerequisites: a minimum of two credits with at least one course in a Level 2 or higher course from the Agriculture, Food, and Natural Resources Career Cluster. Recommended prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: In Livestock and Poultry Production, students acquire knowledge and skills related to the livestock and poultry production industry. Livestock and Poultry Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. To prepare for careers in the field of animal science, students must attain academic knowledge and skills and knowledge, acquire knowledge and skills related to livestock and poultry systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. (Elective / CTE Credit) This course is taught at the ASC. See page 55.

Veterinary Science w/ Lab -- # 6044 (13001610/VETMEDLAB) / 2 credits / Grades 10-12 / NCAA: no

Prerequisites: Equine Sci./Small Animal Management OR Livestock & Poultry Production

Course Description: Veterinary Science covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic knowledge and skills and knowledge, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. (CTE Credit) * This course is taught at the ASC. See page 55.

Animal Science -- # 6054 (13000700 ADVANSCI) / 1 credit / Grade 11-12 / NCAA: no

Prerequisites: Biology; Chemistry or IPC; Algebra 1 and Geometry; Small Animal Mgmt, Equine Science or Livestock & Poultry

Students will learn about careers in the field of animal science, classes and grades of livestock, animal genetics and heredity, animal anatomy and physiology, animal nutrition for ruminants and non-ruminants, and animal diseases and parasites. The students will also be required to participate in labs where they will demonstrate safe practices and knowledge of scientific principles and methods as it pertains to the Animal Science Industry. This course is designed for students in the Animal Science pathway to earn their fourth science in an agriculture class. (Science Credit, CTE Credit) *

Practicum in Ag, Food & Natural Resources – Animal Science -- # 6087 (13002500 PRACAFNR1) / 2 credits / Grade 12 / NCAA: no

Prerequisites: Veterinary Science w/ Lab or Livestock and Poultry Production

This course is an extension of the Veterinary Medical Applications course. Students are placed in clinical internships designed to allow students to gain hands-on experience working as a veterinary assistant. Students will attend their internship site Monday-Thursday and be present on campus on Fridays to assist and/or learn additional labs. The teacher and internship site sponsor should jointly develop worksite competencies. Students will have the opportunity to certify through the Veterinary Science Certificate Program pending the completion of all certification requirements. Students must provide their own transportation to field sites. Students who decide to take this course must have a great work ethic, passion to work in the veterinary industry in the future, and an understanding of 225 hours are needed to complete the certification requirements. Hours may need to be acquired over weekends, holidays, and summers. Attending the internship Monday through Thursday is mandatory as this is considered class, only UIL school events will be acceptable absences. In addition to the 225 hours, students must complete a list of 100 veterinary assistant skills and 200 in-class hours (Elective/CTE Credit) * This course is taught at the ASC. See page 55.

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

See page 96.

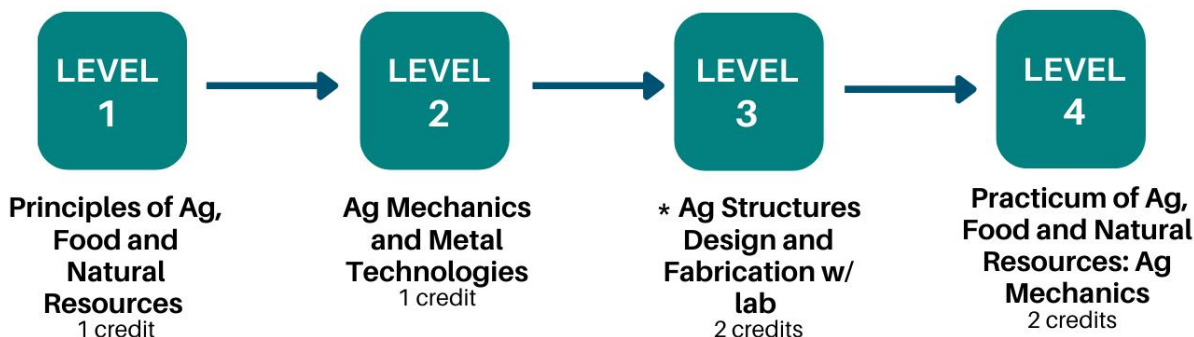
AG MECHANICS

Agricultural Technology and Mechanical Systems

Offered at AMCHS. Students who choose to participate in this program must follow the CSISD CTE transfer policy.

Ag, Food and Natural Resources

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We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Applied Agricultural Engineering program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met.

POTENTIAL INDUSTRY BASED CERTIFICATION

- * AWS D1.1, AWS 09.1
- * AWS Structural Steel or AWS Sheet Metal Welding



Applied Agricultural Engineering Program of Study Course Descriptions

Principles of Ag, Food & Natural Resources -- # 6000 (13000200 PRINAFNR) / 1 credit / Grades 9-11 / NCAA: no *Prerequisites: None*

This class will help students expand their leadership and communication skills while furthering knowledge of the effects of agriculture on our world. The class will focus on the elements of the FFA, and a basic study of soils, plants, and various livestock species. (Elective/CTE Credit)

Agricultural Mechanics & Metal Technologies (AMCHS only) -- # 6070 (13002200 AGMECHMT) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Principles of Ag, Food & Nat Resources recommended

Do you like working in a hands-on environment? This class may be the right choice for you. Students will actively learn how to properly use tools to work with a variety of materials including concrete, electricity, plumbing, and basic carpentry. Proper safety is also an integral part in learning how to weld using Oxy-Fuel, SMAW, Woodworking and MIG techniques. You can be sure the Agriculture Mechanics & Metal Fabrication class will strike an interest in you and lay a foundation of useful skills for the future. Long sleeve shirts, leather shoes and jeans are required clothing for shop work. (Elective/CTE Credit)

Agricultural Structures Design and Fabrication w/lab (AMCHS only) -- # 6080 (13002310 AGSDFLAB) / 2 credits /

Grades 11-12 / NCAA: no

Prerequisites: Agricultural Mechanics & Metal Technologies

Students who successfully complete Advanced Ag Mechanics will develop the skills necessary to design agricultural structures, utilize and diagnose power systems, use welding technology effectively, and construct metal projects. Instruction will also emphasize job opportunities in these areas. Long sleeve shirts, leather shoes and jeans are required clothing for shop work. (Elective/CTE Credit) *

Practicum in Ag, Food & Natural Resources – Ag Mechanics (AMCHS only) -- # 6084 (13002500 PRACAFNR1) / 2 credits / Grade 12 /

NCAA: no

Prerequisites: Agricultural Structures Design and Fabrication w/lab

Students with a genuine career interest in ag mechanics will enjoy this advanced course. Instruction will focus on managing large projects and working with others in a laboratory setting. Long sleeve shirts, leather shoes and jeans are required clothing for shop work. (Elective/CTE Credit) *

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

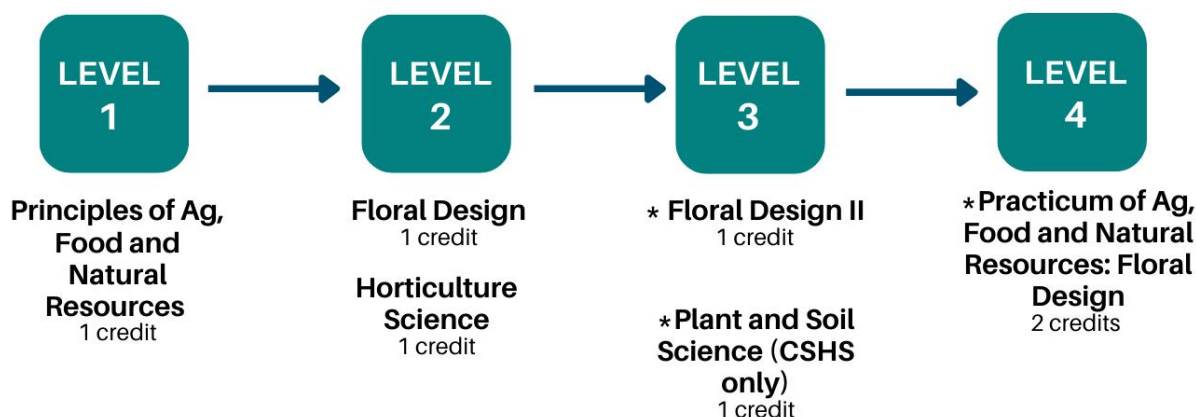
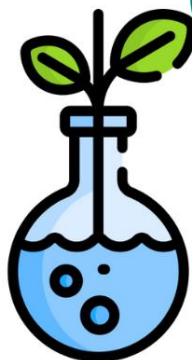
See page 96.

PLANT SCIENCE

Offered at both AMCHS and CSHS

Ag, Food and Natural Resources

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.



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POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Plant Science program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met.

POTENTIAL INDUSTRY BASED CERTIFICATION

- *TSFA Knowledge Based, TSFA
- *TSFA Floral Level 1, TSFA
- *BASF Plant Science Cert, BASF (CSHS)



Plant Science Program of Study Course Descriptions

Principles of Ag, Food & Natural Resources -- # 6000 (13000200 PRINAFNR) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

This class will help students expand their leadership and communication skills while furthering knowledge of the effects of agriculture on our world. The class will focus on the elements of the FFA, and a basic study of soils, plants, and various livestock species. (Elective/CTE Credit)

Floral Design -- # 6020 (13001800 FLORAL) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Principles of Ag, Food & Nat Resources recommended

Stop and smell the roses! Impress your significant other or mom! Students who successfully complete this class will construct cost effective geometric designs, corsages, and homecoming mums. Special occasion designs and business management practices are an integral part of the course which will prepare students for a career in the floral industry. Students will be able to keep their designs at the end of the unit as well as obtain certification through the Texas State Floral Association. (Elective/CTE/Fine Arts Credit)

Entrepreneurship -- # 6600 (13011101 ENTREP) / 1 credit / Grades 10-12 / NCAA : no

Prerequisites: Principles of Business, Marketing and Finance recommended

Have you ever wondered what it would be like to own your own business? This class will help you understand what it takes to analyze a business opportunity, prepare a business plan, research your idea, and develop a plan to organize and promote the business and its products / services. (Elective/CTE Credit) *Does not satisfy the Ag course requirement for FFA membership.*

Horticulture Science -- # 6010 (13002000 HORTISCI) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Principles of Ag, Food & Nat Resources recommended

Turn over a new leaf in high school. Plant a seed and watch it grow in plant science. You will learn about soil management and proper planting techniques. Knowledge will also be gained in plant reproduction and maintenance of a greenhouse as well as exploring the floral and landscaping industry. (Elective/CTE Credit)

Floral Design II -- # 6024 (N1300270 ADVFLDES) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Floral Design

Want to build upon the knowledge and skills you learned in Floral Design? In this course, you will be introduced to more advanced floral design concepts, with an emphasis in specialty designs and specific occasion designs. Students will be able to obtain certification through the Texas State Floral Association. (Elective/CTE Credit) *

Practicum in Ag, Food and Natural Resources – Floral Design -- # 6027 (13002500 PRACAFNR1) / 2 credits / Grade 12 / NCAA: no

Prerequisites: Floral Design II

Students will create designs for customers, teach classes and help run the floral shop. (Elective/CTE Credit) *

Plant & Soil Science (CSHS only) -- # 6004 (13002100 ADVPSSCI) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: Biology, IPC, Chemistry or Physics; 1 credit from the Ag, Food and Natural Resources Cluster

Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. Investigations, laboratory practices, and field exercises will be used to develop an understanding of current plant and soil science. This course is designed to prepare students for careers in the food and fiber industry. Students will learn, reinforce, apply, and transfer their knowledge in a scientific setting. This course is designed for students in the Plant Science or Natural Resource Pathways to earn their fourth science credit in an agriculture science class. (Science Credit, CTE Credit) *

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

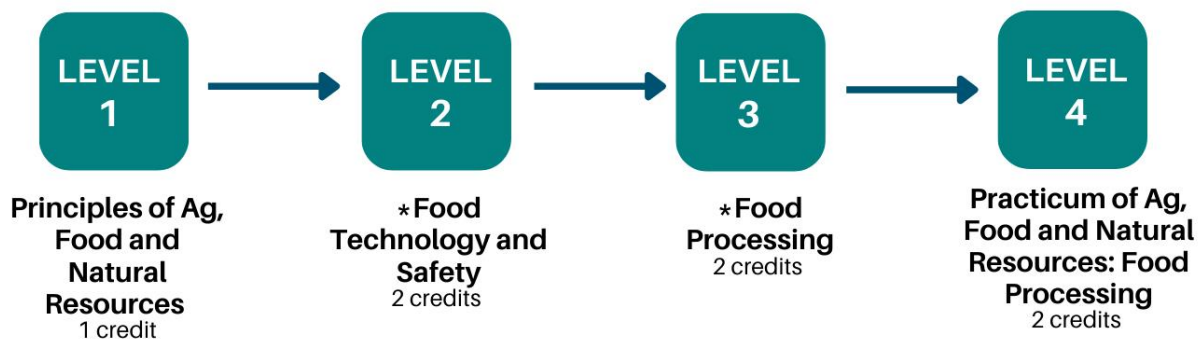
See page 96.

FOOD SCIENCE

Offered at CSHS. Students who choose to participate in this program must follow the CSISD CTE transfer policy.

Ag, Food and Natural Resources

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Food Science Technology program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met.

POTENTIAL INDUSTRY BASED CERTIFICATION

- *Culinary Meat Selection and Cookery Certification
- *Food Safety and Science Certificate



Food Science and Technology Program of Study Course Descriptions

Principles of Ag, Food & Natural Resources -- # 6000 (13000200 PRINAFNR) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

This class will help students expand their leadership and communication skills while furthering knowledge of the effects of agriculture on our world. The class will focus on the elements of the FFA, and a basic study of soils, plants, and various livestock species. (Elective Credit/CTE Credit)

Food Technology and Safety (CSHS only) -- # 6064 (13001300 FOODTS) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Principles of Ag, Food & Nat Resources recommended

From the farm gate to your plate, learn how the Foods of Texas start from a raw product and transforms into a product in your grocery basket or at your favorite restaurant. This class focuses on Texas favorites by examining the production of food, food safety and handling practices, and marketing techniques. Students will grill steaks, smoke meats, grind and stuff sausage, can produce, prepare ice cream, make tamales, etc. Additionally, students will earn their Texas Food Handler's license. (Elective/CTE Credit)

Food Processing (CSHS only) -- # 6060 (13001410 FOODPRO) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Food Technology and Safety

Students who enroll in Food Processing will have hands-on experience in processing carcasses and wholesale cuts into value-added retail products – sausage, bacon, ham and smoked products. Quality control and marketing practices will be conducted in an entrepreneurial environment. Students will have the opportunity to earn a Culinary Meat Selection and Cookery Certification. (Elective/CTE Credit) *

Practicum in Ag, Food and Natural Resources – Food Processing (CSHS only) -- # 6067 (13002500 PRACAFNR1) / 2 credits / Grade 12 / NCAA: no

Prerequisites: Food Safety and Technology, Food Processing

Students with a genuine career interest in food processing and meat science will enjoy this advanced course. Instruction will focus on managing projects, new product development, food safety and HACCP, and working with others in a laboratory setting. Students have an opportunity to earn a Food Safety and Science Certification. (Elective/CTE Credit) *

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

See page 96.

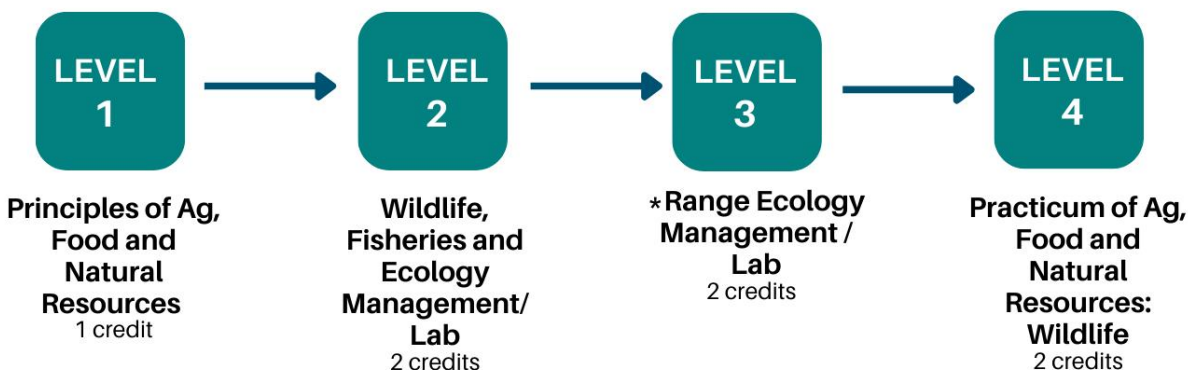
WILDLIFE

Environmental and Natural Resources

Offered at both AMCHS and CSHS

Ag, Food and Natural Resources

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Natural Resources program of study will fulfill requirements of a Business and Industry endorsement.

POTENTIAL INDUSTRY BASED CERTIFICATION

*Ducks Unlimited Ecology Conservation and Management Certification



Environmental and Natural Resources Program of Study Course Descriptions

Principles of Ag, Food & Natural Resources -- # 6000 (13000200 PRINAFNR) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

This class will help students expand their leadership and communication skills while furthering knowledge of the effects of agriculture on our world. The class will focus on the elements of the FFA, and a basic study of soils, plants, and various livestock species. (Elective Credit/CTE Credit)

Wildlife, Fisheries & Ecology Management +Agricultural Laboratory and Field Experience -- # 6095 (13001510 WFECGTLAB) / 2 credits / Grades 10-12 / NCAA: no

Prerequisites: Principles of Agriculture, Food & Natural Resources recommended

Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for careers in natural resource systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. (CTE Credit) This course is taught at the ASC. See page 55.

Range Ecology and Management -- # 6077 (13001610/ RECOMGLAB) / 2 credits / Grades 10-12 / NCAA: no

Prerequisites: Wildlife, Fisheries & Ecology Management; Principles of Agriculture, Food and Natural Resources recommended

Range Ecology and Management is designed to develop students' understanding of rangeland ecosystems and sustainable forage production. To prepare for careers in environmental and natural resource systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to environmental and natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. (CTE Credit) This course is taught at the ASC. See page 55.

Practicum in Ag, Food and Natural Resources – Wildlife -- # 6037 (13002500 PRACAFNR1) / 2 credits / Grade 12 / NCAA: no

Prerequisites: Range Ecology and Management; Principles of Agriculture, Food and Natural Resources recommended

Students with an interest in a career related to wildlife/fisheries will enjoy this advanced class about managing wildlife areas. Students will learn about managing game animals, conduct scat analysis, discuss survival techniques, and work in the CSHS aquaculture facility. Students will practice managing an area for wildlife species and will calculate carrying capacity, learn to identify and manage plants, and learn plant preferences of wildlife species. Students will also discuss controversial topics related to wildlife management and hunting. (Elective/CTE Credit) * This course is taught at the ASC. See page 55.

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

See page 96.

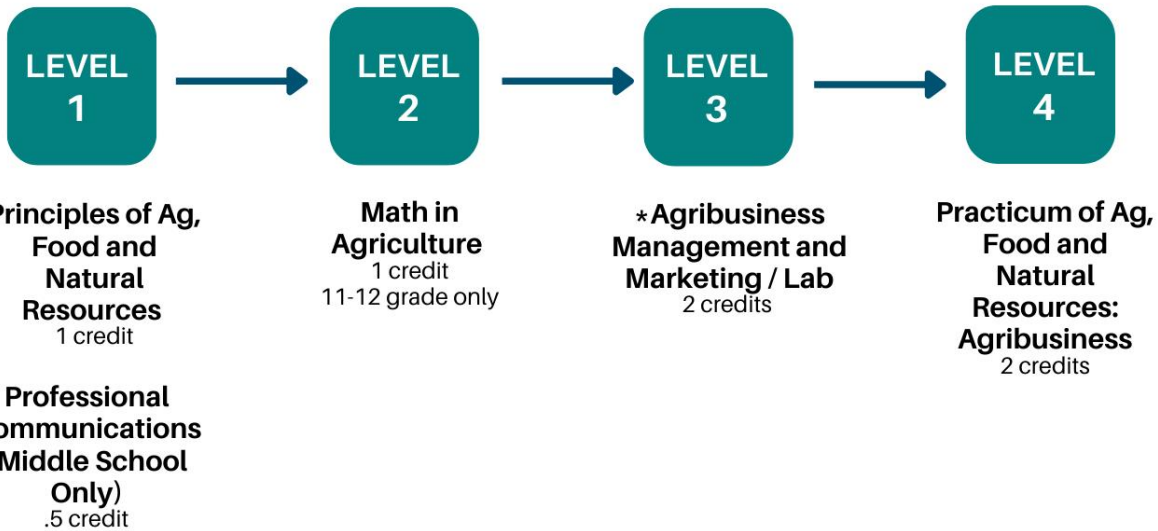
AGRIBUSINESS

Agriculture Business, Leadership, and Communications

Offered at both AMCHS and CSHS

Ag, Food and Natural Resources

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Agribusiness program of study will fulfill requirements of a Business and Industry endorsement.

POTENTIAL INDUSTRY BASED CERTIFICATION

*Entrepreneurship and Small Business



Agribusiness Program of Study Course Descriptions

Principles of Ag, Food & Natural Resources -- # 6000 (13000200 PRINAFNR) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

This class will help students expand their leadership and communication skills while furthering knowledge of the effects of agriculture on our world. The class will focus on the elements of the FFA, and a basic study of soils, plants, and various livestock species. (Elective Credit/CTE Credit)

Mathematical Applications in Ag, Food and Natural Resources -- # 2584 (13001000 MATHAFNR) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: One credit from Agriculture, Food and Natural Resources Cluster, Algebra I credit

Invaluable in any area of agriculture, from livestock and dairy production to horticulture and agronomy. The course introduces fundamental mathematics concepts such as arithmetic, algebra, log and exponentials, measurements and units, probability, linear equations, and non-linear functions. Students will apply methods for solving problems in the real-world using math and logic skills. Math skills needed for Agriculture industry standards in crop production, livestock production, horticulture, agricultural mechanics, and agribusiness will be the focus of this course. (Elective / CTE / Math Credit)

Entrepreneurship -- # 6600 (13011101 ENTREP) / 1 credit / Grades 10-12 / NCAA : no

Prerequisites: Principles of Business, Marketing and Finance recommended

Have you ever wondered what it would be like to own your own business? This class will help you understand what it takes to analyze a business opportunity, prepare a business plan, research your idea, and develop a plan to organize and promote the business and its products / services. (Elective/CTE Credit) *Does not satisfy the Ag course requirement for FFA membership.*

Agribusiness Management and Marketing -- #6007 (13000910 / AGRBUSLAB) / 2 credits / Grades 10-12 / NCAA: no

Prerequisites: Principles of Agriculture, Food and Natural Resources & Wildlife recommended

Agribusiness Management and Marketing is designed to provide a foundation to agribusiness management and the free enterprise system. Instruction includes the use of economic principles such as supply and demand, budgeting, record keeping, finance, risk management, business law, marketing, and careers in agribusiness. (CTE Credit) This course is taught at the ASC. See page 55.

Practicum in Ag, Food and Natural Resources – Agribusiness -- #6017 (13002500 PRACAFNR1) / 2 credits/ Grade 12 /NCAA: no

Prerequisites: Agribusiness Management and Marketing

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum Agribusiness course is a paid or unpaid capstone experience for students applying knowledge of economic principles such as supply and demand, budgeting, record keeping, finance, risk management, business law, marketing, and other skills related to careers in agribusiness. Practicum in Agribusiness students have the opportunity to manage enterprises produced in CSISD CTE Programs. (Elective/CTE Credit) *

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

See page 96.

CONSTRUCTION

Construction Management and Inspection

Offered at CSHS. Students who choose to participate in this program must follow the CSISD CTE transfer policy.

Architecture and Construction

The Architecture and Construction Career Cluster focuses on designing, planning, managing, building, and maintaining the built environment. Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management.



Principles of Construction
1 credit



***Building Maintenance I**
2 credits



Building Maintenance II
2 credits



Practicum in Construction
2 credits

Career Prep I
3 credits

We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Construction Management and Inspection program of study will fulfill requirements of the Business and Industry endorsement

POTENTIAL INDUSTRY BASED CERTIFICATION

*NCCER Core



Construction Management and Inspection Program of Study Course Descriptions

Principles of Construction -- # 6764 (13004220 PRINCON) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None

This course is designed to introduce students to the skills and technologies used in Architecture, Interior Design, and Construction. It includes training in the safe use of both hand and power tools. Career and job opportunities are also explored. (Elective/CTE Credit)

Building Maintenance Technology I (CSHS only) -- # 6750 (13005400 BUILDMAN1) / 2 credits / Grades 10-12 / NCAA: no

Prerequisites: Principles of Construction

Want to prepare yourself for a career in construction management? Students in Building Technology will gain hands-on knowledge in plumbing, electrical, and heating, ventilation, and air conditioning (HVAC) systems as well as methods for repairing and installing drywall, roofing, and insulation systems. Safety will be the primary focus as students learn to work together in these diverse conditions. Students will be able begin NCCER certification. (Elective/CTE Credit)

Building Maintenance Technology II (CSHS only) -- # 6754 (13005500 BUILDMA2) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Building Maintenance Technology

Students interested in supervisory roles and postsecondary degrees in construction management will want to pursue this course to learn skills in Occupational Safety and Health Administration (OSHA) standards, safety devices in electrical circuits, maintenance of electrical and heating, ventilation, and air conditioning (HVAC) systems, and concepts of historic preservation. (Elective/CTE Credit)*

Practicum in Construction (CSHS only) - #6774 (13006200 PRACCONS) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Building Maintenance Technology II

In Practicum in Construction Management, students will be challenged with the application of knowledge and skills gained in previous construction-related coursework. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.

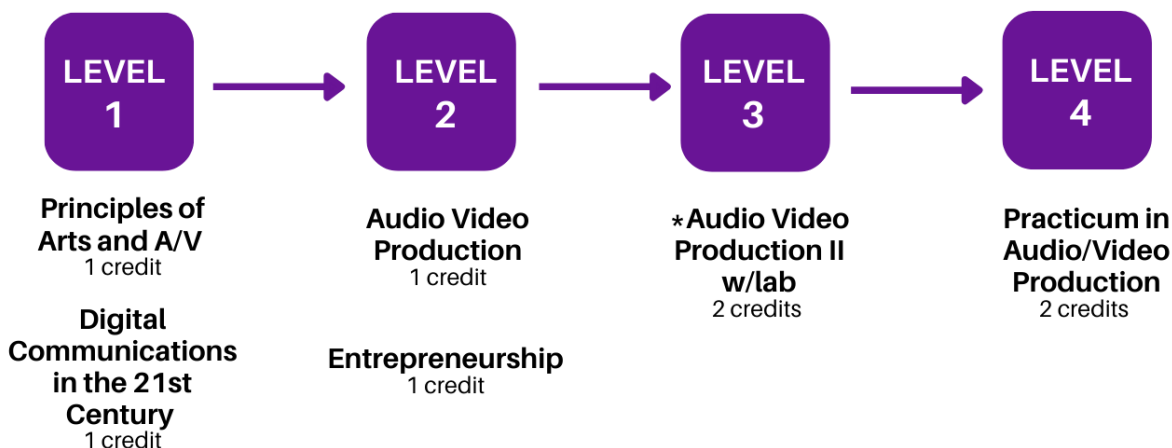
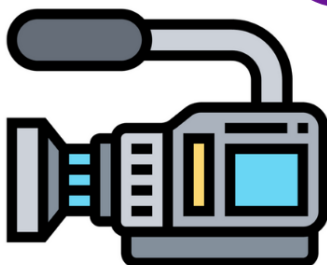
AUDIO VISUAL

Digital Communications

Offered at both AMCHS and CSHS

Arts, AV Technology and Communications

The Arts, A/V Technology and Communications (AAVTC) Career Cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Digital Communications program of study will fulfill requirements of the Business and Industry endorsement.

POTENTIAL INDUSTRY BASED CERTIFICATION

*Adobe Premiere Pro



Digital Communications Program of Study Course Descriptions

Principles of Arts, Audio/Video Technology & Communications -- # 6310 (13008200 PRINAAVTC) / 1 credit / Grades 7-11 / NCAA: no

Prerequisites: None

This course is designed to introduce technology used in the workplace. This course will offer a hands-on approach to real world problems by creating multimedia projects for real-life situations. Students will gain experience using audio and video equipment as well as animation and graphic design software. (Elective/CTE Credit)

Digital Communications in the 21st Century -- # 6463 (03580610 TADGC) / 1 credit / Grades 9 – 12 / NCAA: no

Prerequisites: Principles of Arts and A/V recommended, offered in 8th grade only

Digital Communications in the 21st Century will prepare students for the societal demands of increased civic literacy, independent working environments, global awareness, and the mastery of a base set of analysis and communication skills. Students will be expected to design and present an effective product based on well-researched issues in order to thoughtfully propose suggested solutions to authoritative stakeholders. The outcome of the process and product approach is to provide students an authentic platform to demonstrate effective application of multimedia tools within the contexts of global communication and collaborative communities and appropriately share their voices to affect change that concerns their future. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts. (CTE Credit)

Entrepreneurship -- # 6600 (13011101 ENTREP) / 1 credit / Grades 10-12 / NCAA : no

Prerequisites: Principles of Business, Marketing and Finance recommended

Have you ever wondered what it would be like to own your own business? This class will help you understand what it takes to analyze a business opportunity, prepare a business plan, research your idea, and develop a plan to organize and promote the business and its products / services. (Elective/CTE Credit)

Audio/Video Production -- # 6440 (13008500 AVPROD1) / 1 credits / Grades 9-12 / NCAA: no

Prerequisites: Principles of AAVC or Digital Communications in the 21st Century

Lights, camera, action! Audio/Video Production focuses on the world of media, television, and video production. Students will produce an entire series of news casts featuring videos, TV anchors, and news stories. Students have access to professional video equipment, digital editing software, and special effects programs which are the tools to bring your ideas to life. Are you a director or a reporter? From film festivals to video competitions, discover your hidden talents. (Elective/CTE Credit)

Audio/Video Production II w/lab -- # 6450 (13008610 AVPLAB2) / 2 credits / Grades 10-12 / NCAA: no

Prerequisites: Audio/Video Production

Advanced Audio/Video Production emphasizes scriptwriting, short film making, and further practice with video equipment and software. Students will have the opportunity to direct and produce their own short films. Students will also learn about set design, lighting, and career opportunities in the media/journalism field. This class is only limited by your imagination. (Dual Credit p.16) (Elective/CTE Credit) *

Practicum in Audio/Video Production -- # 6460 (13008700 PRACAVP1)/2 credits /Grades 11-12 /NCAA: no

Prerequisites: Audio/Video Production II w/lab, Students in worked based job or internships will be required to provide their own transportation.

Innovation is the driving force behind this course, which is designed for students who want to pursue advanced Audio/Video Production topics. This course will give students the opportunity to hold a position or internship in the media/journalism field. Students will produce professional level projects that can be used in a college/career portfolio. The focus of the class is real-world application of the skills learned in Audio/Video Production and Advanced Audio/Video Production. Opportunities for Adobe certifications are available. Students will have project-based assessments and hands-on application of real-world media productions in school or work/internship-based placement. (Elective/CTE Credit) *

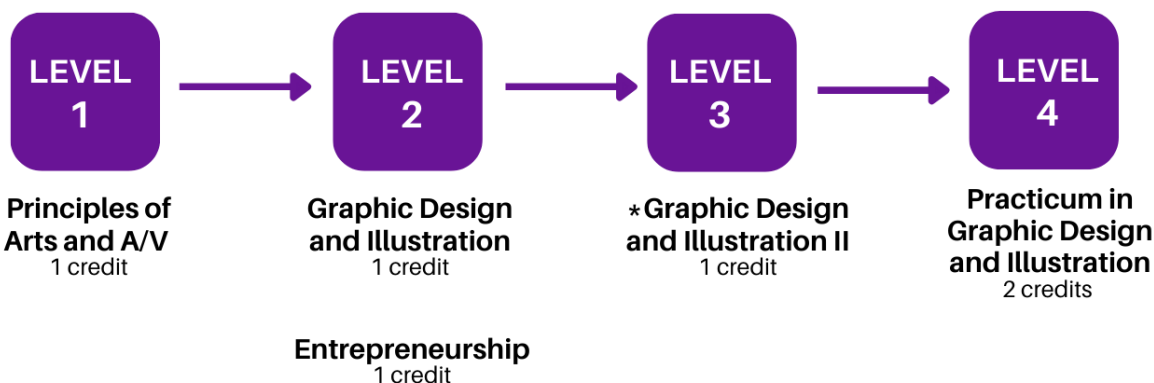
GRAPHIC DESIGN

Graphic Design and Interactive Media

Offered at both AMCHS and CSHS

Arts, AV Technology and Communications

The Arts, A/V Technology and Communications (AAVTC) Career Cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Graphic Design and Interactive Media program of study will fulfill requirements of the Business and Industry endorsement.

POTENTIAL INDUSTRY BASED CERTIFICATION

*Adobe GD and Illustration, Adobe



Graphic Design and Interactive Media Program of Study Course Descriptions

Principles of Arts, Audio/Video Technology & Communications -- # 6310 (13008200 PRINAAVTC) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

Interested in video, advertising, or design? This course is designed to introduce technology used in the workplace. This course will offer a hands-on approach to real world problems by creating multimedia projects for real-life situations. Students will gain experience using audio and video equipment as well as animation and graphic design software. (Elective/CTE Credit)

Entrepreneurship -- # 6600 (13011101 ENTREP) / 1 credit / Grades 10-12 / NCAA : no

Prerequisites: Principles of Business, Marketing and Finance recommended

Have you ever wondered what it would be like to own your own business? This class will help you understand what it takes to analyze a business opportunity, prepare a business plan, research your idea, and develop a plan to organize and promote the business and its products / services. (Elective/CTE Credit)

Graphic Design and Illustration -- # 6410 (13008800 GRAPHDI1) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Principles of AAVC recommended

Magazines, digital photography, advertising, the internet – Graphic Design is the foundation for media outlets worldwide. Graphic Design and Illustration will teach students the fundamental software tools and design elements used in this industry. From digital enhancements to vector graphics, prepare yourself to create a wide variety of design projects that will lead to a solid foundation in the world of graphics and advertising design. (Elective/CTE Credit)

Graphic Design and Illustration II -- # 6414 (13008900 GRAPHDI2) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Graphic Design I

Magazines, digital photography, advertising, the internet – Graphic Design is the foundation for media outlets worldwide. Are you ready to take your design skills to the next level? In Graphic Design II, you will take your knowledge of typography and design principles to a new level, pushing through the boundary of print work into graphic arts and web-based advertising. (Elective/CTE Credit) *

Practicum in Graphic Design and Illustration -- # 6424 (13009000 PRACGRD1) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Graphic Design II

Innovation is the driving force behind this course, which is designed for students who want to pursue advanced graphic design topics. This course will give students the opportunity to hold a position or internship in the media/journalism field. Students will produce professional level projects that can be used in a college/career portfolio. The focus of the class is real-world application of the skills learned in Advanced Graphic Design. Students will have project-based assessments and hands-on application. (Elective/CTE Credit) *

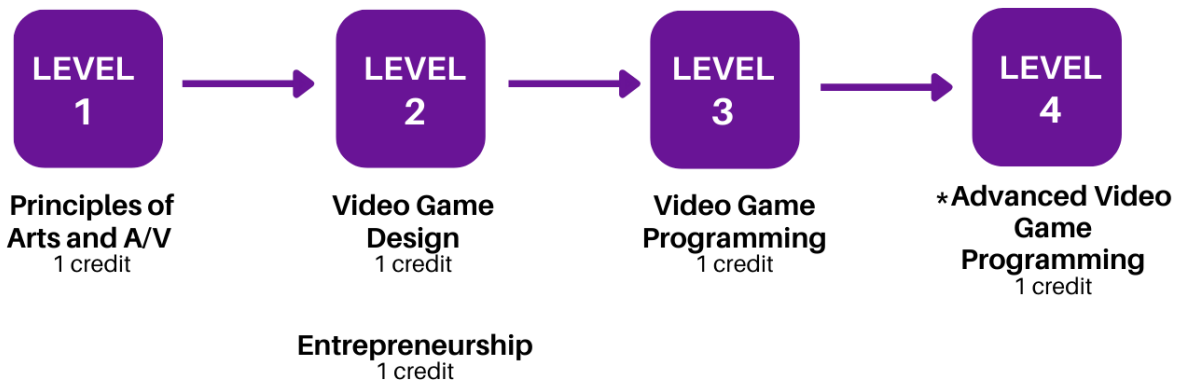
VIDEO GAME DESIGN

Design and Multimedia Arts

Offered at both AMCHS and CSHS

Arts, AV Technology and Communications

The Arts, A/V Technology and Communications (AAVTC) Career Cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Design and Multimedia Arts program of study will fulfill requirements of the Business and Industry endorsement.

POTENTIAL INDUSTRY BASED CERTIFICATION

*Unity: Certified User: Programming



Design and Multimedia Arts Program of Study Course Descriptions

Principles of Arts, Audio/Video Technology & Communications -- # 6310 (13008200 PRINAAVTC) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

Interested in video, advertising, or design? This course is designed to introduce technology used in the workplace. This course will offer a hands-on approach to real world problems by creating multimedia projects for real-life situations. Students will gain experience using audio and video equipment as well as animation and graphic design software. (Elective/CTE Credit)

Video Game Design -- #6364 (13009970 VIDGD) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Principles of Arts, A/V, Communications recommended

In this class, students move from player to creator. Artists use their tools to create wild worlds and daring heroes. Developers use programming languages to power the action, and the designers craft the stories and structure that brings it all together. This class challenges students to create several computer and mobile based applications as they learn concepts such as storyboarding, programming, event scripting, visual and audio design, level design, and troubleshooting. Upon completion of this course, the student will have cooperatively created a complete computer game that is presented to an evaluation panel of their peers. (Elective/CTE credit)

Entrepreneurship -- # 6600 (13011101 ENTREP) / 1 credit / Grades 10-12 / NCAA : no

Prerequisites: Principles of Business, Marketing and Finance recommended

Have you ever wondered what it would be like to own your own business? This class will help you understand what it takes to analyze a business opportunity, prepare a business plan, research your idea, and develop a plan to organize and promote the business and its products / services. (Elective/CTE Credit)

Video Game Programming -- # 6373 (N1300994 VIDEOPR) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Video Game Design

Video Game Programming expands on the design foundation created in Video Game Design through exposure to programming languages such as: C#, C++ and Unreal Blueprints. In this course, students will investigate the inner workings of several different types of fully functional games beginning with 2D games in the Fall and finishing with 3D games in the Spring. Students will create several entry level games designed to teach the student how to build on the mechanics learned in Game Design so that they can expand their knowledge of game design engines and begin creating their own projects. Students will finish the year with a capstone game in which they design a game from scratch and be responsible for all the coding and scripting to bring the game to life. (Elective/CTE Credit) *

Advanced Video Game Programming -- # 6376 (N1300995 ADVVIDEOGP) / 1 credits / Grades 11-12 / NCAA: no

Prerequisites: Video Game Design, Video Game Programming

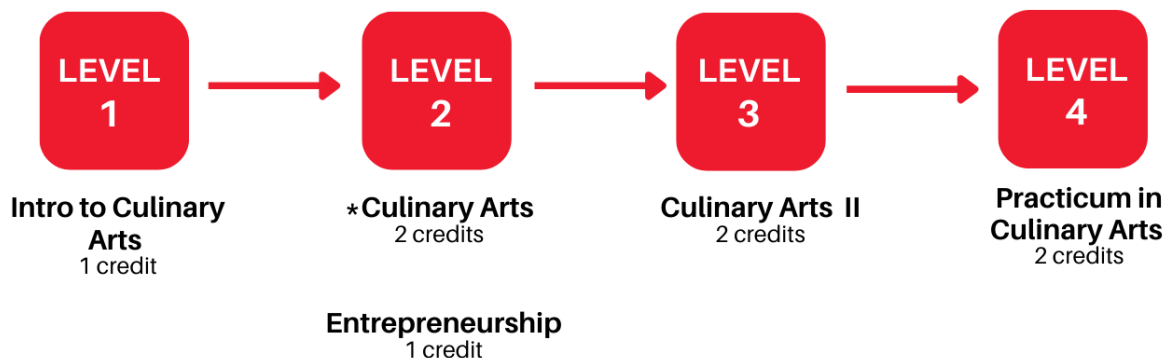
Advanced Video Game Programming students will be introduced to advanced game programming techniques required of more complex video games. Time will be spent learning basic functions required to create larger projects including how to collaborate on projects with cloud-based resources. Using Unity or Unreal Engine as an introduction to 3D game development, students will have exposure to and an understanding of object-oriented programming concepts; game development skill with programs such as Unity; 3D modeling with programs such as Maya; image manipulation with programs such as Photoshop, Illustrator and aftereffects; concepts related to the design process; and the ability to communicate and collaborate on group-based projects. By the end of this course students will have a holistic understanding of the work required to create a complete game from start to finish through the completion of a semester-long game project which will be delivered at the end of the spring semester. (Elective/CTE Credit) *

CULINARY ARTS

Hospitality and Tourism

Offered at CSHS. Students who choose to participate in this program must follow the CSISD CTE transfer policy.

The Hospitality and Tourism Career Cluster focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services. Students acquire knowledge and skills focusing on communication, time management, and customer service that meet industry standards.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Culinary Arts program of study will fulfill requirements of the Business and Industry endorsement.

POTENTIAL INDUSTRY BASED CERTIFICATION

*ServSafe Manager



Culinary Arts Program of Study Course Descriptions

Introduction to Culinary Arts -- # 6900 (13022550 INCULART) / 1 credit / Grades 9-10 / NCAA: no

Prerequisites: None

Introduction to Culinary Arts is a combination classroom and lab-based class that will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a food service operation. Introduction to Culinary Arts will provide insight into food preparation, various levels of industry management, and hospitality skills. Focus will be on planning, teamwork, and employability skills. This entry level course is great for students interested in pursuing a career in the food service industry. (Elective/CTE Credit)

Culinary Arts (CSHS only) -- # 6910 (13022600 CULARTS) / 2 credits / Grades 10-12 / NCAA: no

Prerequisites: Introduction to Culinary

Throughout this in-depth course, students will be immersed in the world of culinary arts. With an emphasis on teamwork and food safety, students will prepare a full range of menu items. In addition to advanced culinary skills, instruction includes budgeting and marketing, restaurant management, food safety and sanitation, presentation, and serving. Upon leaving this course, students will be prepared for an exciting career in food service and the hospitality industry or for culinary school. Uniforms will be provided; however, students can choose to purchase their own. (Elective/CTE Credit)

Entrepreneurship -- # 6600 (13011101 ENTREP) / 1 credit / Grades 10-12 / NCAA : no

Prerequisites: Principles of Business, Marketing and Finance recommended

Have you ever wondered what it would be like to own your own business? This class will help you understand what it takes to analyze a business opportunity, prepare a business plan, research your idea, and develop a plan to organize and promote the business and its products / services. (Elective/CTE Credit)

Culinary Arts II (CSHS only) -- # 6920 (13022650 ADCULART) / 2 credits / Grades 11-12 /

NCAA: no

Prerequisites: Culinary Arts

This block course is designed for second year Culinary Arts students who will be continuing their education in safety, sanitation, professionalism, food preparation techniques and procedures. This upper-level course will also cover career opportunities, employability skills, customer service, food costs, and inventory controls. Students in this level will engage in a hands-on food preparation and service opportunities and will experience a variety of jobs. Emphasis will be on quality food preparation, teamwork, developing a critical palate, and researching current culinary trends. Students will be expected to participate in catering and food service events as well as local competitions. Uniforms will be provided; however, students can choose to purchase their own. (Elective/CTE Credit) *

Practicum in Culinary Arts -- # 6930 (13022700 PRACCUL1) / 2 credits / Grades 9-12 / NCAA: no

Prerequisites: Culinary Arts II

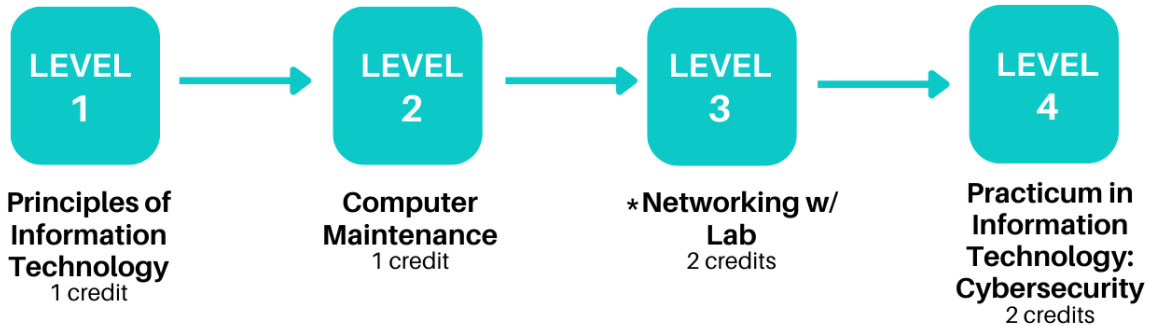
Practicum in Culinary Arts is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing culinary art-based workplace. Uniforms will be provided; however, students can choose to purchase their own. (Elective/CTE Credit) *

CYBERSECURITY

Information Technology

Offered at AMCHS. Students who choose to participate in this program must follow the CSISD CTE transfer policy.

The Information Technology Support and Services program of study explores the occupations and educational opportunities associated with administering, testing, and implementing computer databases and applying knowledge of database management systems.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry or STEM

Successful completion of the Cybersecurity program of study will fulfill requirements of the Business and Industry or STEM Endorsement if this math and science requirements are met.

POTENTIAL INDUSTRY BASED CERTIFICATION

*CompTIA IT Fundamentals



Cybersecurity Program of Study Course Descriptions

Principles of Information Technology -- # 6300 (13027200 PRINIT) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

Are you interested in the fast-paced, changing industry of Information Technology? This course will offer an introductory level of knowledge on a variety of subjects including blogs, forums, and messaging. Areas covered include computer hardware and software, networking, programming, web page design, Microsoft Office applications, file management, and operating systems. (Elective/CTE Credit)

Computer Maintenance (AMCHS only) -- # 6320 (13027300 COMPMNT) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Principles of Information Technology recommended

This course is designed for students who have an interest in the field of Computer Technology. Students will learn information about the fast-paced world of computers, gaming, and the real-world issues that face today's computer technicians. Computer safety, security, hardware components, assembly, and architecture will be studied. Students will assemble and dismantle a working computer and will install and study several different operating systems, including Windows 10, Linux, and Mac OS. DC electronics will be covered, as well as principles and techniques of electronic soldering. Students will be prepared to take the internationally recognized CompTIA A+ Certification Exam. (Dual Credit p. 16) (Elective/CTE Credit)

Networking w/lab (AMCHS only) -- # 6330 (13027410 NETWRLAB) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Computer Maintenance

Ever wonder what keeps us connected to the internet and to our cell phones? In this course, students will study the fundamentals of computer networks and internet connectivity. Hands-on applications will be used to learn network server administration, security, imaging, cloning, and casting, disaster recovery, windows domain environments, and webserver hosting administration. Students will maintain classroom networks as well as dedicated file servers. Students will be prepared to take the internationally recognized CompTIA Network+ Certification Exam. (Dual Credit p.16) (Elective/CTE Credit) *

Practicum in Information Technology – Cybersecurity -- # 6307 (13028000 PRACIT1 – first time taken) #6314 (13028010 PRACTIT2 – second time taken) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Computer Science II or Networking

In the Practicum in Information Technology, students will understand and use the most recent advancements in cybersecurity technology, terms, techniques, and tools. Students will acquire early career skills in the latest trends such as automation, zero trust, risk analysis, operational technology, and IoT, and be well-equipped to excel in the ever-evolving cybersecurity landscape. Furthermore the class focuses on cyber defense and platform hardening by preparing for the CompTIA Security+ certification and competing in the Air & Space Forces Association CyberPatriot competition. (Elective/CTE Credit) *

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

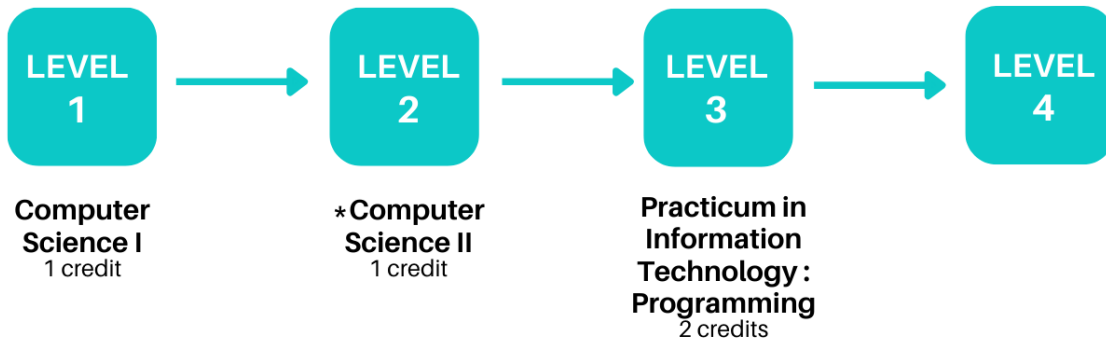
See page 96.

PROGRAMMING

Information Technology

Offered at both AMCHS and CSHS

The Information Technology Support and Services program of study explores the occupations and educational opportunities associated with administering, testing, and implementing computer databases and applying knowledge of database management systems.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry or STEM

Successful completion of the Programming and Software Development program of study will fulfill requirements of the Business and Industry endorsement and STEM endorsement if the math and science requirements are met.

POTENTIAL INDUSTRY BASED CERTIFICATION

*Information Technology Specialist: Java



Programming Program of Study Course Descriptions

Computer Science I -- # 6350 (03580200 TACS1) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: Algebra I

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts. Computer Science I satisfies the first-year foreign language credit if both years are taken. Students should check with their preferred college to see if this satisfies the college requirements for foreign language. (CTE Credit/Foreign Language credit) *

Computer Science II -- # 6353 (03580300 TACS2) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Algebra I and Computer Science I

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. At the end of the year, students can take the AP Computer Science A exam. Computer Science II satisfies the second-year foreign language credit. Students should check with their preferred college to see if this satisfies the college requirements for foreign language. (CTE credit/Foreign Language credit) *

Practicum in Information Technology – Programming -- # 6304 (13028000 PRACIT1) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Computer Science II or Networking

In the Practicum in Information Technology, students will gain advanced knowledge and skills in the design, production, implementation and evaluation of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of programming concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, programming experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation. (CTE credit) *

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

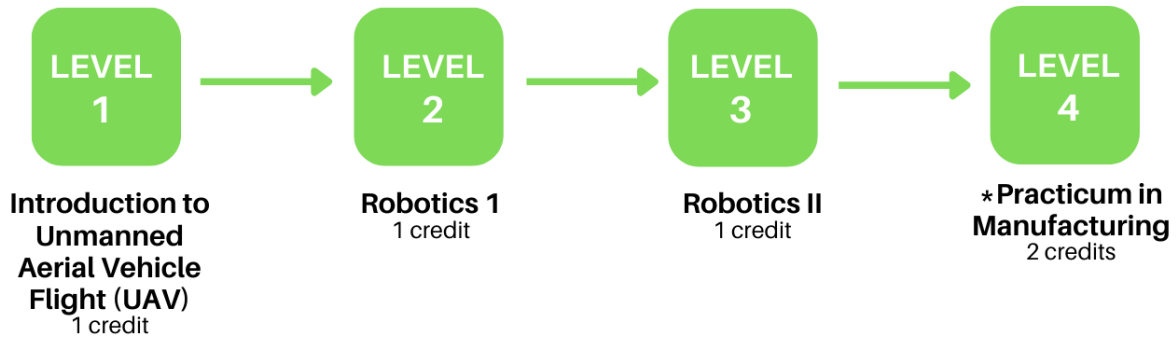
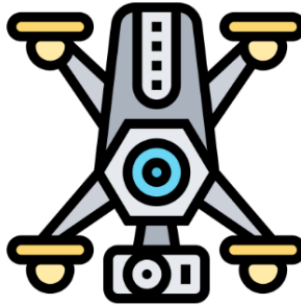
See page 96.

DRONES / ROBOTICS

Offered at both AMCHS and CSHS

Engineering

The Engineering career cluster focuses on planning, designing, testing, building, and maintaining of machines, structures, materials, systems, and processes using empirical evidence and science, technology, and math principles. This career cluster includes occupations ranging from mechanical engineer and drafter to electrical engineer and to mapping technician.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the drones program of study will fulfill requirements of the Business and Industry endorsement.

POTENTIAL INDUSTRY BASED CERTIFICATION

*FAA Part 107 Remote Drone Pilot



Engineering Program of Study Course Descriptions

Introduction to Unmanned Aerial Vehicle (UAV) Flight -- # 6384 (N1304670 / PRINUAV) / 1 credits / Grades 9-12 / NCAA: no

Prerequisites: None

The Introduction to Unmanned Aerial Vehicle (UAV) Flight course is designed to prepare students for entry-level employment or continuing education in piloting UAV operations. Principles of UAV is designed to instruct students in UAV flight navigation, industry laws and regulations, and safety regulations. Students are also exposed to mission planning procedures, environmental factors, and human factors involved in the UAV industry. (Elective/CTE Credit)

Robotics I -- # 6963 (13037000/ ROBOTIC1) / 1 credits / Grades 9-12 / NCAA: no

Prerequisites: Introduction to Unmanned Aerial Vehicle (UAV) Flight recommended

In Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry (Elective / CTE credit)

Robotics II -- # 6966 (13037050 / ROBOTIC2) 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Robotics I

In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. (Elective/CTE/Math Credit) *

Practicum in Manufacturing -- # 6670 (13033000 (First Time Taken) PRACMAN1) / 2 credits / Grades 10-12 / NCAA: no

Prerequisites: Robotics II

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

Scientific Research and Design -- # 6990 (13037200 SCIRD) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Biology, Chemistry, IP or Physics

Scientific Research and Design is a broad-based course designed to include the components of the scientific and/or engineering design processes. Students will learn problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. Students and teachers will collaborate to determine the specific topic of study for each individual student which will integrate with career and technical education. Students taking the on-level course will complete a series of projects throughout the year that can be related to a single topic or multiple topics within an area of study. (Elective Credit / Science Credit)

Scientific Research and Design Advanced --# 6990H (13037200 SCIRD) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Biology, Chemistry, IPC or Physics

Scientific Research and Design is a broad-based course designed to include the components of the scientific and/or engineering design processes. Students will learn problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. Students and teachers will collaborate to determine the specific topic of study for each individual student which will integrate with career and technical education. Students taking the Advanced course will conduct one year-long research study that will be presented at least two competitions such as science and engineering fairs. The 5.5 option will include a time commitment outside of the regular class time. (Elective Credit / Science Credit) *

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

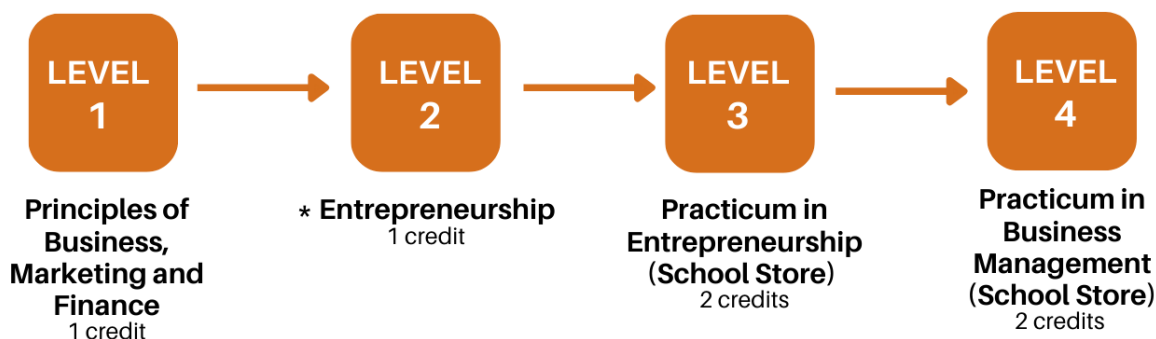
See page 96.

ENTREPRENEURSHIP

Business, Marketing and Finance

Offered at both AMCHS and CSHS

The Business, Marketing, and Finance Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Entrepreneurship program of study will fulfill requirements of the Business and Industry endorsement.

POTENTIAL INDUSTRY BASED CERTIFICATION

*Entrepreneurship and Small Business



Entrepreneurship Program of Study Course Descriptions

Principles of Business, Marketing & Finance -- # 6510 (13011200 PRINBMF) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

Students actively engage in the marketing, advertising, and financial processes through projects and case studies. It is the perfect introduction to Accounting, Marketing specialties and Business Information Management I. (Elective/CTE Credit)

Entrepreneurship -- # 6600 (13011101 ENTREP) / 1 credit / Grades 10-12 / NCAA : no

Prerequisites: Principles of Business, Marketing and Finance recommended

Have you ever wondered what it would be like to own your own business? This class will help you understand what it takes to analyze a business opportunity, prepare a business plan, research your idea, and develop a plan to organize and promote the business and its products / services. (Elective/CTE Credit)

Practicum in Entrepreneurship (School Store)-- #6604 (N1303425) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Entrepreneurship recommended

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

Practicum in Business Management (School Store)-- #6597 (13012200 PRACBM) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Principles of Business, Marketing and Finance, Accounting I

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs and to make appropriate business decisions. (Elective / CTE Credit) *

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

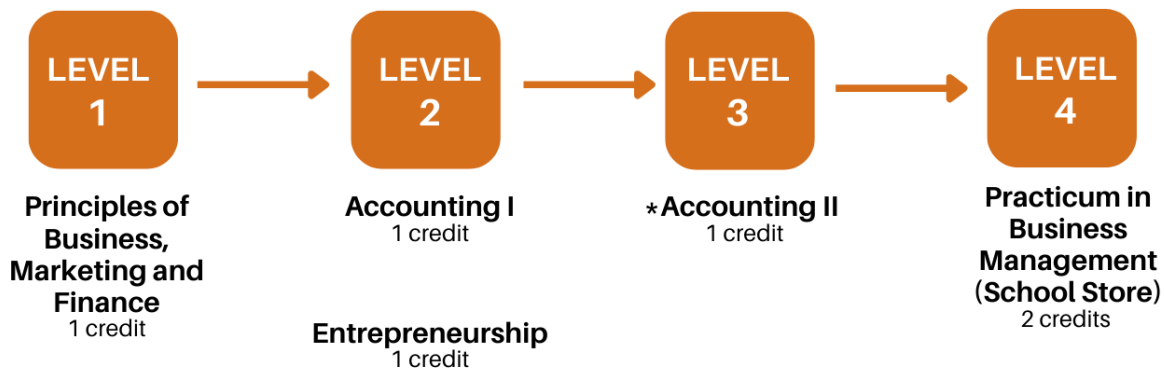
See page 96.

ACCOUNTING

Business, Marketing and Finance

Offered at both AMCHS and CSHS

The Business, Marketing, and Finance Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Business and Industry

Successful completion of the Accounting and Financial Services program of study will fulfill requirements of the Business and Industry endorsement.

POTENTIAL INDUSTRY BASED CERTIFICATION

*Accounting - Basic, NOCTI



Accounting Program of Study Course Descriptions

Principles of Business, Marketing & Finance -- # 6510 (13011200 PRINBMF) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

Students actively engage in the marketing, advertising, and financial processes through projects and case studies. It is the perfect introduction to Accounting, Marketing specialties and Business Information Management I. (Elective/CTE Credit)

Accounting I -- # 6640 (13016600 ACCOUNT1) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Principles of Business, Marketing and Finance recommended

Formulate and interpret financial information for use in management decision-making. Financial statements will be prepared both manually and with Excel. Online working papers will also be utilized through the Cengage website. Business simulations will be assigned in both semesters. (Dual Credit p.16) (Elective/CTE Credit) *

Entrepreneurship -- # 6600 (13011101 ENTREP) / 1 credit / Grades 10-12 / NCAA : no

Prerequisites: Principles of Business, Marketing and Finance recommended

Have you ever wondered what it would be like to own your own business? This class will help you understand what it takes to analyze a business opportunity, prepare a business plan, research your idea, and develop a plan to organize and promote the business and its products / services. (Elective/CTE Credit)

Accounting II -- # 6650 (13016700 ACCOUNT2) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Accounting I

This class will further your accounting knowledge and take a deeper dive into the field of accounting. Spreadsheets and computerized accounting software will be utilized throughout the course with a greater analysis and interpretation of financial ratios and reports. (Elective/CTE/Math Credit) *

Practicum in Business Management (School Store)-- #6597 (13012200 PRACBM) / 2 credits / Grades 11-12/ NCAA: no

Prerequisites: Principles of Business, Marketing and Finance, Accounting I

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs and to make appropriate business decisions. (Elective / CTE Credit) *

HEALTHCARE THERAPEUTIC

Offered at AMCHS. Students who choose to participate in this program must follow the CSISD CTE transfer policy.

Health Science

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development.



**Principles of
Health Science**
1 credit

**Principles of
Exercise
Science**
1 credit

**Medical
Terminology**
1 credit

**Health Science
Theory**
1 credit

**Health Science
Theory with
Clinicals**
2 credits

**Anatomy and
Physiology**
(on- level or
advanced)
1 credit

***Practicum in Health
Science: Certified
Clinical Medical
Assistant**
2 credits

***Practicum in Health
Science: Pharmacy
Tech**
2 credits

***Practicum in Health
Science: EMS**
2 credits

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Public Service

Successful completion of the Healthcare Diagnostic and Therapeutic Services program of study will fulfill requirements of a Public Service endorsement.

POTENTIAL INDUSTRY BASED CERTIFICATION

- *Certified EKG Technician
- *Certified Clinical Medical Assistant
- *Pharmacy Technician



Health Care Therapeutic Program of Study Course Descriptions

Principles of Health Science -- # 6120 (13020200 PRINHLSC) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. (Elective/CTE Credit)

Principles of Exercise Science and Wellness -- # 6210 (N1302107 / EXSCIWL) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None

The Principles of Exercise Science and Wellness course is designed to provide for the development of knowledge and skills in fields that assist patients with maintaining physical, mental, and emotional health. Students in this course will understand diet and exercise, as well as techniques to help patients recover from injury, illness, and disease. They will also learn about introductory health science topics such as employability skills, lifespan development, and ethical and legal standards. (Elective/CTE credit)

Medical Terminology -- #6137 (13020300 MEDTERM) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Principles of Health Science or Principles of Exercise Science recommended

Designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots, and abbreviations. By relating terms to body systems, students identify proper use of words in a medical environment. Knowledge of medical terminology enhances the student's ability to successfully secure employment or pursue advanced education in health care. (Elective/CTE credit) *

Health Science Theory (AMCHS only) -- # 6163H (13020400 HLTHSCI) / 1 credit / Grades 11-12/ NCAA: no

Prerequisites: Medical Terminology, Biology, Co-enrollment in Anatomy and Physiology unless already completed

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Topics covered include ethics, medical-legal standards, basic anatomy and physiology, and healthcare career pathways. Students will employ hands-on experiences for continued knowledge and skill development related to healthcare. Students will have the opportunity to be CPR Certified while taking this course. (Elective/CTE Credit) *

Health Science Theory w/ Health Science Clinical (AMCHS only) -- # 6166H (13020410 HLTHSCI) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Medical Terminology, Biology, Co-enrollment in Anatomy and Physiology unless already completed

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Topics covered include ethics, medical-legal standards, basic anatomy and physiology, and healthcare career pathways. Students will employ hands-on experiences for continued knowledge and skill development related to healthcare. Students will have the opportunity to be CPR Certified while taking this course. As part of the clinical portion, students will observe medical professionals in the patient care environment. To attend clinical rotations, students must adhere to site requirements including, but not limited to, TB testing, required immunizations, criminal background check and drug screening. Additional costs may include, but are not limited to immunizations TBC testing, Clinical uniform and required screenings. (Financial Aid available) (Elective/CTE Credit) *

Anatomy & Physiology -- # 3810 (13020600 ANATPHYS) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: one credit in biology and one credit in chemistry, Integrated Physics and Chemistry, or physics; a course from the Health Science Career Cluster recommended.

Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Major mammalian dissection included. (Science / CTE / Elective credit)

Anatomy and Physiology Advanced -- # 3820 (13020600 ANATPHYS) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: one credit in biology and one credit in chemistry, Integrated Physics and Chemistry, or physics, a course from the Health Science Career Cluster recommended.

Students in Anatomy and Physiology Advanced will conduct comprehensive and in-depth study of a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Emphasis on histology, terminology, and investigative applications is also included. Several major mammalian dissections and numerous disorders/diseases reviewed. (Science / CTE / Elective credit) *

Practicum in Health Science: Certified Clinical Medical Assistant -- #6153 (13020500 PRACHLS1) / 2 credits / Grade 12 / NCAA: no

Prerequisites: Health Science Theory and Anatomy and Physiology

This course is designed to provide knowledge and skills for certification as a Certified Clinical Medical Assistant. Students will learn the essentials of patient care, patient assessment, assisting with medication administrations, assisting with minor procedures, obtaining laboratory specimens, performing electrocardiograms, and providing patient education. CCMA's perform a variety of tasks to assist physicians in providing patient care, while ensuring that the clinic, hospital, or a doctor's office runs smoothly and efficiently. Students will have the opportunity to participate in clinical site rotations. Clinical site rotations will take place during the assigned course time. Students will have the opportunity to be CPR certified while taking this course. As part of the clinical portion, students will be performing patient care activities under supervision of medical professionals. To attend clinical rotations, students must adhere to site requirements including, but not limited to, TB testing, required immunizations, criminal background check and drug screening. Additional costs may include, but are not limited to immunizations TBC testing, Clinical uniform and required screenings. Membership in Tiger Med is encouraged. (Financial Aid available) (Elective/CTE Credit) *

Practicum in Health Science: Pharmacy Technician -- #6147 (13020500 PRACHLS1) / 2 credits / Grades 12 / NCAA: no

Prerequisites: Health Science Theory and Anatomy and Physiology

This course is designed to provide students with the knowledge and skills necessary to obtain employment in most pharmacy settings, as well as prepare them for national certification through the Pharmacy Technician Certification Board. Students will complete an intense study which includes, but is not limited to, pharmaceutical calculations, sterile and nonsterile compounding, and pharmacology. Upon completion students will understand the legal responsibilities of a pharmacy technician. Students will have the opportunity to participate in clinical site rotations. To obtain the provisional license required for these rotations students must have a social security number. Clinical site rotations will take place during the assigned course time and student must provide their own transportation to/from the clinical site. If not already certified, students will have the opportunity to be CPR certified while taking this course. As part of the clinical portion, students will be performing patient care activities under supervision of medical professionals. To attend clinical rotations, students must adhere to site requirements including, but not limited to, TB testing, required immunizations, criminal background check and drug screening. Additional costs may include, but are not limited to immunizations TBC testing, Clinical uniform and required screenings. Membership in Tiger Med is encouraged. (Financial Aid available) (Elective/CTE Credit) *

Practicum in Health Science – Emergency Medical Services (AMCHS only) -- #6176 (13020500 PRACHLS1) / 2 credits / Grade 12 / NCAA: no

Prerequisites: Health Science Theory and Anatomy and Physiology

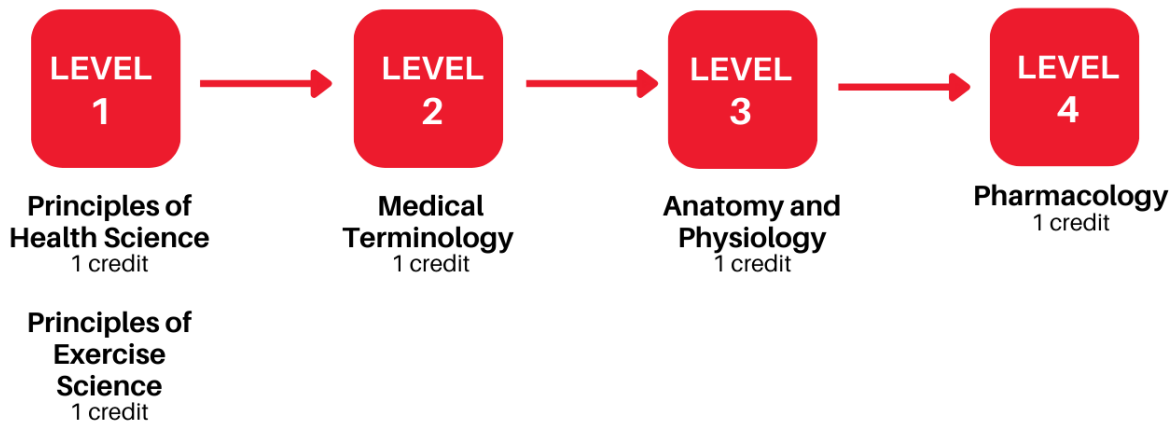
This course is designed to give students practical application of previously studied knowledge and skills. Competencies taught will include ethics, medical-legal concepts, anatomy and physiology, pathophysiology, and assessment. Students are taught the process of assessing patients with illness/injury, forming a differential diagnosis, and initiating a treatment plan in the prehospital environment. Students will have the opportunity to be CPR and EKG certified while taking this course. If possible, students will have opportunities to attend clinicals where students will be performing patient care activities under supervision of medical professionals. Some clinical rotations will require students to transport themselves. To attend clinical rotations, students must adhere to site requirements including, but not limited to, TB testing, required immunizations, criminal background check and drug screening. Additional costs may include, but are not limited to immunizations, TB testing, clinical uniform, and required screenings. (Financial aid available) Membership in Tiger Med is encouraged. (Elective/CTE Credit)

HEALTHCARE THERAPEUTIC

Offered at both AMCHS and CSHS

Health Science

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Public Service

Successful completion of the Healthcare Diagnostic and Therapeutic Services program of study will fulfill requirements of a Public Service endorsement.



Health Care Therapeutic Program of Study Course Descriptions

Principles of Health Science -- # 6120 (13020200 PRINHLSC) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: None

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. (Elective/CTE Credit)

Medical Terminology -- #6137 (13020300 MEDTERM) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Principles of Health Science recommended

Designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots, and abbreviations. By relating terms to body systems, students identify proper use of words in a medical environment. Knowledge of medical terminology enhances the student's ability to successfully secure employment or pursue advanced education in health care. (Elective/CTE credit) *

Anatomy & Physiology -- # 3810 (13020600 ANATPHYS) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: one credit in biology and one credit in chemistry, Integrated Physics and Chemistry, or physics; a course from the Health Science Career Cluster recommended.

Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Major mammalian dissection included. (Science / CTE / Elective credit)

Anatomy and Physiology Advanced -- # 3820 (13020600 ANATPHYS) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: one credit in biology and one credit in chemistry, Integrated Physics and Chemistry, or physics, a course from the Health Science Career Cluster recommended.

Students in Anatomy and Physiology Advanced will conduct comprehensive and in-depth study of a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Emphasis on histology, terminology, and investigative applications is also included. Several major mammalian dissections and numerous disorders/diseases reviewed. (Science / CTE / Elective credit) *

Pharmacology -- # 6134 (13020950 PHARMC) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Biology and Chemistry; Medical Terminology required

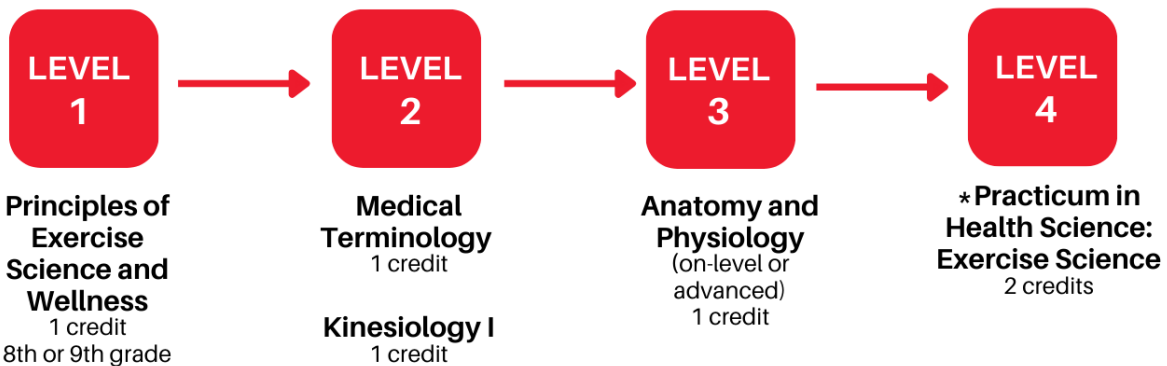
The Pharmacology course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care. It is an ever-changing, growing body of information that continually demands greater amounts of time and education from health care workers. (Elective/CTE credit)

EXERCISE SCIENCE, WELLNESS, AND RESTORATION

Offered at both AMCHS and CSHS

Health Science

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development.



Principles of Health Science
1 credit

We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.



ENDORSEMENT

Public Service

Successful completion of the Exercise Science, Wellness, and Restoration program of study will fulfill requirements of a Public Service endorsement.

POTENTIAL INDUSTRY BASED CERTIFICATION

*Certified Personal Trainer



Exercise Science and Wellness Program of Study Course Descriptions

Principles of Exercise Science and Wellness -- # 6210 (N1302107 / EXSCIWL) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None

The Principles of Exercise Science and Wellness course is designed to provide for the development of knowledge and skills in fields that assist patients with maintaining physical, mental, and emotional health. Students in this course will understand diet and exercise, as well as techniques to help patients recover from injury, illness, and disease. They will also learn about introductory health science topics such as employability skills, lifespan development, and ethical and legal standards. (Elective/CTE credit)

Medical Terminology -- #6137 (13020300 MEDTERM) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Principles of Health Science or Principles of Exercise Science and Wellness recommended

Designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots, and abbreviations. By relating terms to body systems, students identify proper use of words in a medical environment. Knowledge of medical terminology enhances the student's ability to successfully secure employment or pursue advanced education in health care. (Elective/CTE credit) *

Entrepreneurship -- # 6600 (13011101 ENTREP) / 1 credit / Grades 10-12 / NCAA : no

Prerequisites: Principles of Business, Marketing and Finance recommended

Have you ever wondered what it would be like to own your own business? This class will help you understand what it takes to analyze a business opportunity, prepare a business plan, research your idea, and develop a plan to organize and promote the business and its products / services. (Elective/CTE Credit)

Kinesiology I -- # 6214 (N1302104 / KINES1) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None

This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers within the kinesiology field and be able to explain the societal demand for kinesiology-related jobs. (Elective/CTE credit)

Anatomy & Physiology -- # 3810 (13020600 ANATPHYS) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: one credit in biology and one credit in chemistry, Integrated Physics and Chemistry, or physics; a course from the Health Science Career Cluster recommended.

Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Major mammalian dissection included. (Science / CTE / Elective credit)

Anatomy and Physiology Advanced -- # 3820 (13020600 ANATPHYS) / 1 credit / Grades 10-12 / NCAA: yes

Prerequisites: one credit in biology and one credit in chemistry, Integrated Physics and Chemistry, or physics, a course from the Health Science Career Cluster recommended.

Students in Anatomy and Physiology Advanced will conduct comprehensive and in-depth study of a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Emphasis on histology, terminology, and investigative applications is also included. Several major mammalian dissections and numerous disorders/diseases reviewed. (Science / CTE / Elective credit) *

Practicum in Health Science: Exercise Science - #6127 (13020500 PRACHLS1) / 2 credits / Grade 12 / NCAA: no

Prerequisites: Kinesiology I

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

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

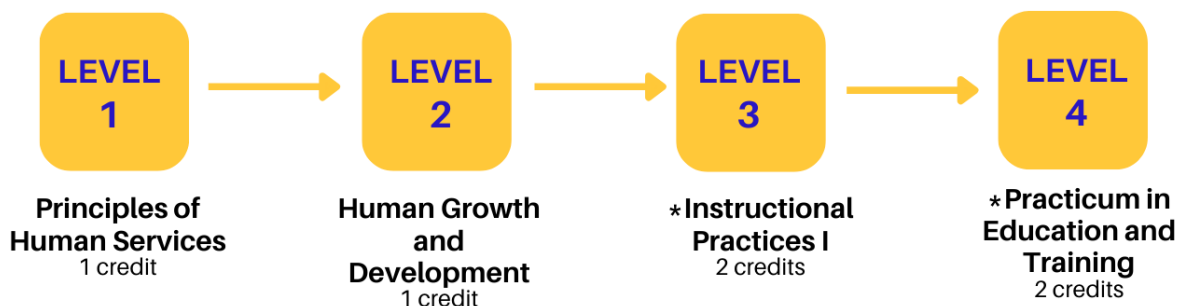
See page 96.

TEACHING AND TRAINING

Offered at both AMCHS and CSHS

Education and Training

The Education and Training Career Cluster focuses on planning, managing, and providing education and training services and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training career cluster.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Public Service

Successful completion of the Teaching and Training program of study will fulfill requirements of the Public Service endorsement

POTENTIAL INDUSTRY BASED CERTIFICATION

* Educational Aide



Education and Training Program of Study Course Descriptions

Principles of Human Services -- # 6200 (13024200 PRINHUSR) / 1 credit / Grades 9-12 / NCAA: no

Prerequisites: None

This year long comprehensive hands-on course will allow you to grow as a teen approaching adulthood. The course introduces topics within the Family and Consumer Sciences cluster including fashion, child development, interior design, money management, hospitality, and foods. (Elective/CTE Credit)

Human Growth & Development -- # 6263 (13014300 HUGRDE) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: None

Human Growth and Development is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. Will cover effective caregiving knowledge and skills, pregnancy, growth and development, risk and protective factors and health and safety needs of young children. Students will experience parenting a reality baby or parenting research project, develop lessons and mentor preschool or Headstart children in the Tiger/Cougar Buddies program. (Elective/CTE credit)

Instructional Practices (Ready, Set Teach I) -- # 6270 (13014400 INPRAC) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Human Growth and Development required

In this two-period blocked course, students will experience field-based internships that provide background knowledge of child and adolescent development as well as principles of effective teaching and training practices, teaching strategies, learning styles, classroom environments, brain development, and behavior management. Various projects will require supplies. (Elective/CTE Credit)*

Practicum in Education and Training (Ready, Set Teach II) -- # 6274 (13014500 PRACEDT2) / 2 credits / Grade 12 / NCAA: no

Prerequisites: Instructional Practices

During this two-period blocked course, field-based internship students will experience and learn the 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 education, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary, intermediate, or middle school. Students will complete an independent study of an educational research topic that applies to their internship. Various projects will require supplies. (Elective/CTE Credit) *

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

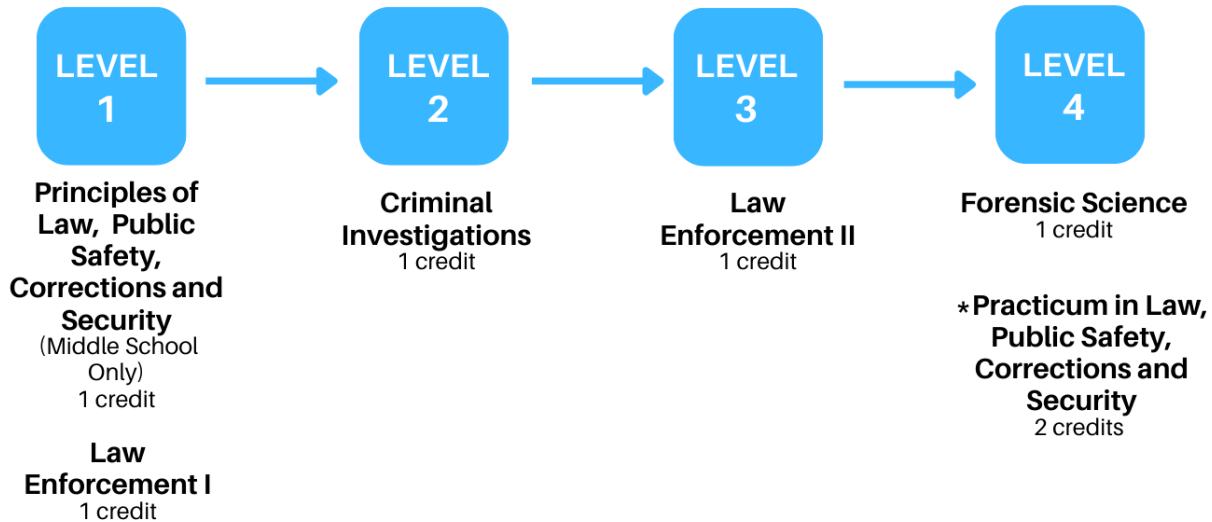
See page 96.

LAW ENFORCEMENT

Offered at both AMCHS and CSHS

Law and Public Service

The Law and Public Service Career Cluster focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and fire and emergency services.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS

TPSA

ENDORSEMENT

Public Service

Successful completion of the Law and Public Service program of study will fulfill requirements of the Public Service endorsement

POTENTIAL INDUSTRY BASED CERTIFICATION

*Technical Dual Credit - 9 hours



Law and Public Service Program of Study Course Descriptions

Law Enforcement I -- # 6710 (13029300 LAWENF1) / 1 credit / Grades 9-11 / NCAA: no

Prerequisites: Principles of Law, Public Safety, Corrections and Security recommended

Students will study an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. (Elective/CTE Credit)

Criminal Investigations - # 6707 (13029550 / CRINVEST) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Law Enforcement I

Criminal Investigations will build on knowledge and skills gained in Law Enforcement I and would further explore investigation and follow up as they apply to criminal cases. This course would introduce students to crime scene investigations, evidence and its value, interview and interrogations, and various documentations necessary in the career field. (Elective/CTE Credit)

Law Enforcement II -- # 6720 (13029400 LAWENF2) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Law Enforcement I

Principles of Law, Public Safety, Corrections and Security and Law Enforcement I provide the knowledge and skills necessary to prepare for a career in law enforcement. This course includes ethical and legal responsibilities, the operation of police and emergency telecommunication equipment, and courtroom testimony. (Elective/CTE Credit) *

Practicum in Law, Public Safety, Corrections and Security -- #6704 (13030100 PRACLPCS) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Law Enforcement II

The practicum course is designed to give students supervised practical application of previously studied knowledge and skills. Students implement personal and interpersonal skills to strengthen their performance in the workplace and/or their understanding of law enforcement and public safety. Students develop research, innovation, communication, and societal aspects to lead toward a successful transition to the workforce or postsecondary education.

Forensic Science -- # 6173 (13029500 FORENSCI) / 1 credit / Grades 11-12 / NCAA: yes

Prerequisites: one credit in biology, one credit in chemistry, integrated physics and chemistry, or physics required; any Law, Public Safety, Corrections and Security course recommended

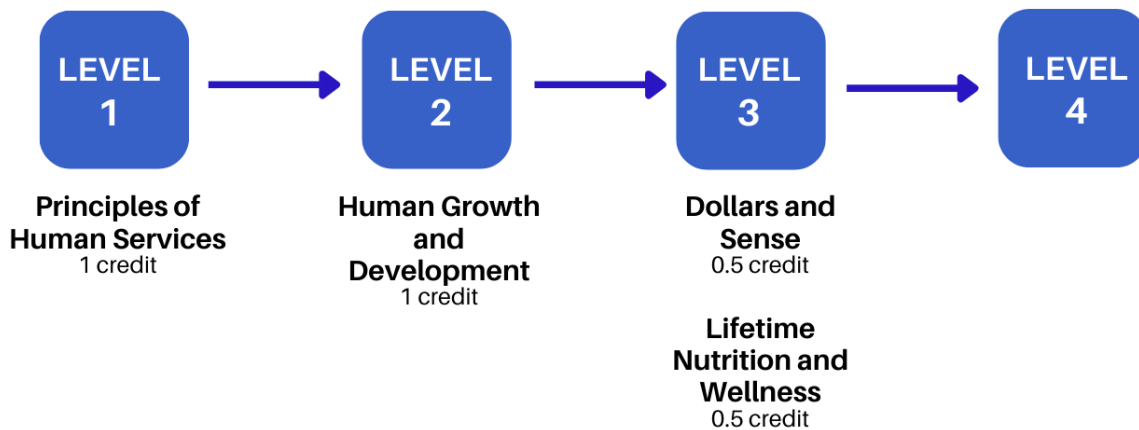
Forensic Science is a survey course that introduces students to the application of science to law. Students learn terminology and procedures related to the collection and examination of physical evidence using scientific processes performed in a field or laboratory setting. Students also learn the history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

FAMILY AND CONSUMER SERVICES

Human Services

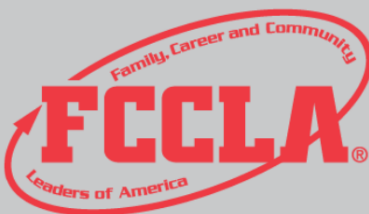
Offered at both AMCHS and CSHS

The Human Services Career Cluster focuses on preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services.



We will consider students who have taken or plan to take all courses in a Program of Study if a limited enrollment situation arises for the Advanced courses in a Program of Study.

POTENTIAL CAREER & TECHNICAL STUDENT ORGANIZATIONS



ENDORSEMENT

Public Service

Successful completion of the Family and Community Services program of study will fulfill requirements of the Public Service endorsement.



Family and Community Sciences Program of Study Course Descriptions

Principles of Human Services -- # 6200 (13024200 PRINHUSR) / 1 credit / Grades 9-10 / NCAA: no

Prerequisites: None

This year long comprehensive hands-on course will allow you to grow as a teen approaching adulthood. The course introduces topics within the Family and Consumer Sciences cluster including fashion, child development, interior design, money management, hospitality, and foods. (Elective/CTE Credit)

Human Growth & Development -- # 6263 (13014300 HUGRDE) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: none

Human Growth and Development is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course will cover effective caregiving knowledge and skills, pregnancy, growth and development, risk and protective factors and health and safety needs of young children. Students will experience parenting a reality baby or parenting research project, develop lessons and mentor preschool or Headstart children in the Tier/Courage Buddies program. (Elective/CTE credit)

Dollars and Sense -- # 6223 (13024300 DOLLARSE) / 0.5 credit / Grades 11-12 / NCAA: no

Prerequisites: None

Students will use interactive lessons to seek personal needs and wants that will help maintain independent living. Students will learn about money management, personal banking, budgeting, establishing, and maintaining credit, independent housing options, investigate post-secondary education choices, and much more. (Elective/CTE Credit)

Lifetime Nutrition and Wellness -- # 6213 (13024500 LNURTWEL) / 0.5 credit / Grades 10-12 / NCAA: no

Prerequisites: None

Lifetime Nutrition and Wellness is a laboratory course that allows students to use principles of cooking and nutrition to help them make informed choices that promote wellness. This class will demonstrate levels of skill through cooking lab experiences and classroom learning. (Elective/CTE Credit)

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

See page 96.

Additional Career and Technical Courses

Career Preparation I -- # 6800 (12701300 CAREERP1) / 3 credits / Grades 11-12 / NCAA: no

Prerequisites: students must have a paid / unpaid employment

Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. Students must have approved employment within the first 10 days of school. Students will be required to work 15 clocked hours per week. (Elective/CTE Credit)

Career Preparation II -- #6890 (127001310 CAREERP2) / 3 credits / Grade 12 / NCAA: no

Prerequisites: Career Prep I, approved employment

Students will earn credits while in the classroom and on the job. In class students will continue investigating post-secondary education choices and combine paid employment with instruction to enhance leader-ship skills, management, communication, employability skills, and much more to prepare them for the world of work. Along with the class instruction, the instructor and the student's employer/supervisor will work together to help the students learn the process needed to advance in the workplace. Students will be required to work 15 clocked hours per week, totaling 270 hours per semester, 540 per academic school year. Students must obtain approved employment within the first 10 days of school and are responsible for providing their own transportation to and from work. (Elective/CTE credit)

Fashion Design -- #6230 (13009300 FASHDSN1) / 1 credit / Grades 10-12 / NCAA: no

Prerequisites: Principles of Human Services recommended

Fashion design is a yearlong laboratory class that will allow you to develop knowledge of the industry and apply this knowledge while learning and developing apparel design and strong construction skills. Students must provide sewing supplies as well as pattern/material for construction projects. Students will be responsible for purchasing some supplies for this course throughout the year. (Elective/CTE Credit)

Fashion Design II -- # 6233 (13009400 ADVFASHD) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: Fashion Design I

Fashion Design II will be an extension of skills from Fashion Design I. Students will develop a deeper knowledge of skills on construction desk and the fashion industry. Students are expected to independently conduct projects and display growth on skills learned from the Fashion Design 1 course. Students will be requested to purchase some supplies for this course throughout the year. (Elective / CTE Credit)

Career & Technical Education Project-Based Capstone -- # 6110 (12701101 CTEPBC1) / 1 credit / Grades 11-12 / NCAA: no

Prerequisites: at least 1 CTE course

Career and Technical Education Project-Based Capstone is a course designed for students to develop and enhance essential skills while investigating real-world problems, issues, or interests. Students work independently or collaboratively with others within or across career clusters or programs of study. Students partner with mentor(s) or advisor(s) to develop a project. Students conduct research, compile findings, implement project activities appropriate to student contribution, and present their work to a relevant audience that may include industry experts. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings to become productive and contributing members of society. (CTE Credit)

Practicum in Agriculture, Food, and Natural Resources Extended -- # 6047 (13002505 EXPRAFNR1) / 3 credits / Grades 11-12 / NCAA: no

Prerequisites: at minimum of one credit from the courses in the AFNR career cluster

Extended Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. To prepare for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings. (CTE Credit)

DISCOVER

CTEC

BRYAN CAREER & TECHNICAL EDUCATION COMPLEX

Are you a current sophomore or junior? Would you like to get out of a desk and into a lab where you learn by doing? Are you interested in cars, mechanics, welding, engineering, or industrial robotics? Bryan CTEC has a few classes you might be interested in taking!

CSISD students attending Bryan CTEC courses spend most of their day at their CSISD high school campus, then get bused to Bryan CTEC for their 2-period block learning experience and return by bus for the rest of their day. What does this look like? Most students from CSISD leave their home campus at 7:20 am and are back in time for 3rd period. Other students leave at the end of 4th period and return in time for 7th period.

Apply
here by
3/7/25



CSISD provides
transportation from
your home campus.



BRYAN ISD
CTE
Career & Technical Education



Bryan Career and Technical Center Courses

Entrepreneurship -- # 6600 (13011101 ENTREP) / 1 credit / Grades 10-12 / NCAA : no

Prerequisites: Principles of Business, Marketing and Finance recommended

Have you ever wondered what it would be like to own your own business? This class will help you understand what it takes to analyze a business opportunity, prepare a business plan, research your idea, and develop a plan to organize and promote the business and its products / services. (Elective/CTE Credit) This course is taken at the student's home campus, not Bryan CTEC.

Automotive Technology I -- #6735 (13039600) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Entrepreneurship

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

Automotive Technology II -- # 6747 (13039700) / 2 credits / Grade 12 / NCAA: no

Prerequisites: Automotive Technology I

Automotive Service includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. (Elective/CTE credit) [Possible certifications: ASE Entry Level, AR and Light Repair, ASE]

Welding I -- # 6973 (13032300) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Entrepreneurship

Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success. (Elective/CTE credit) [AWS Certified Welder, AWS]

Welding II -- # 6976 (13032400) / 2 credits / Grade 12 / NCAA: no

Prerequisites: Welding I

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

Practicum in Manufacturing I -- # 6744 (13033000) / 2 credits / Grades 11-12 / NCAA: no

Prerequisites: Robotics I, Algebra 1 and Geometry

Practicum in Manufacturing I is designed to give students supervised practical application of previously studied knowledge and skills, including experience in designing, creating and/or producing new products, ideas, concepts, or processes using computer-aided, as well as manually operated mills, lathes, drills, cutters, dimensional printers, and robotic equipment. [C-103 Certified Industry 4.0 Associate – Robot System Operations]

Practicum in Manufacturing II -- # 6795 (13033010) / 2 credits / Grade 12 / NCAA: no

Prerequisites: Practicum in Manufacturing I

Practicum in Manufacturing II is designed to continue to give students supervised practical application of previously studied knowledge and skills, including experience in designing, creating, and /or producing new products, ideas, concepts, or processes using computer-aided, as well as manual operated, mills, lathes, drills, cutters, dimensional printers, and robotic equipment.



THE ACADEMIES AT COLLEGE VIEW HIGH SCHOOL



CVHS is College Station ISD's home for innovative & specialized programs to serve students in a non-traditional educational setting.

Choose Your Future!



THE CAREER & INDUSTRY ACADEMY

The Career & Industry Academy offers an opportunity for students to gain real work experience, industry certifications, and technical college credit. Students choose one of four programs of study:

- Facilities Engineering Technology
 - HVAC, Plumbing, Electrical, Construction (Level 1 and Level 2 Certifications, Associate's Degree)
- Hotel & Resort Management (Level 1 Certification)
- Digital Arts and Multimedia Influencer



COLLEGIATE ACADEMY

CSISD partners with Blinn College to allow CVHS to offer 42 hours of college-credit courses. Through a combination of high school and college dual credit coursework, students have the potential to receive the following:

- Up to 42 hours of college credit, transferable to any Texas public university
- The ability to enter a 4-year university as a second semester sophomore



ACCELERATED ACADEMY

Students in the Accelerated Academy can accelerate their timeline to graduation. Whether they have fallen behind or desire early graduation, students can achieve the following:

- Earn a foundation high school diploma with endorsement (26 credits) through a custom graduation plan
- Participate in Edgenuity computer-based courses and in-person courses



*Success
starts here!*

LEARN MORE AT CVHS.CSISD.ORG

2025-2026 Course Cheat Sheet

Deadline to change courses is May 15, 2024 / ½ = semester, + = two period course, T = AMCHS, C = CSHS

English

1110 English I (9)
1133 English I Adv (9)
1210 English II (10)
1233 English II Adv (10)
1310 English III (11)
1320 English III Adv (11)
1330 English III AP (11)
1410 English IV (12)
1420 English IV Adv (12)
1430 English IV AP (12)
1440 English IV Dual (12)
1480 Creative Writ (9-12)
1820 Debate I (9-12)
1840H Debate II (9-12)
1350H Debate III (9-12)
1930H Debate IV (9-12)
1900 Oral Interp (9-12)
1910 Oral Interp II (9-12)
1920 Oral Interp III (9-12)
1930 Oral Interp IV (9-12)
1503 Journalism ½ (fall) (9-12)
1510 Newspaper I (9-12)
1520 Newspaper II (9-12)
1530 Newspaper III (9-12)
1540 Newspaper IV (9-12)
1610 Yearbook I (10-12)
1620 Yearbook II (10-12)
1630 Yearbook III (10-12)
1640 Yearbook IV (10-12)
1080 ESOL I (9-12)
1090 ESOL II (10-12)
1180 ELDA I (9-12)
1183 ELDA II (9-12)
1100 Reading I (9-10)

Math

2210 Algebra I (9)
2230 Algebra I Adv (9)
2410 Geometry (9-11)
2420 Geometry Adv (9-11)
2250 Algebraic Reason (10-12)
2510 Algebra II (9-11)
2500 Algebra II (12)
2520 Algebra II Adv (10-12)
2540 Data Analysis (11-12)
2600 Pre-Cal (11-12)
2610 Pre-Cal Adv (11-12)
2630 AP Statistics (11-12)
2810 AP Calculus AB (11-12)
2820 AP Calculus BC (11-12)
2584 Math in Ag (11-12)
6650 Accounting II (11-12)
6966 Robotics II (11-12)
2080 Strat Learn HS Math (9-10)

Science

3210 Biology (9)
3220 Biology Adv (9)
3320 Biology II AP (11-12)
3110 IPC (9-10)
3410 Chemistry I (10-12)
3420 Chemistry I Adv (10-12)
3430 Chemistry II AP (11-12)
3400 Chem Comm (10-12)
3610 Physics I (11-12)
3650 AP Physics I (11-12)
3644 AP Physics II (11-12)
3630 AP Physics C (11-12)
3720 Env Systems (11-12)

3810 Anat and Phys (11-12)
3820 Anat & Phys Adv (11-12)
6990 Sci Research, Des (11,12)
6990H Sci, Research, Des Adv (11,12)
3830 Biotechnology (11-12)
3850 Astronomy (11-12)
6173 Forensic Science (11-12)
6054 Animal Sci (T) (11-12)
6004 Plant & Soil (C)(11-12)

Social Studies

4120 Geography (9-12)
4130 Geography Adv (9-12)
4140 AP Human Geog (9-12)
4100 World History (9-12)
4110 World Hist Adv (9-12)
4150 AP World Hist (9-12)
4210 US History (11)
4220 US History Adv (11)
4210D US Hist Dual (11)
4230 US History AP (11)
4234 Am Hist Thru Film (11-12)
4313 Government ½ (12)
4303 Government Adv ½ (12)
4321 AP Government ½ (12)
4323 Gov Dual ½ (12)
4626 PFL Econ (12)
4627 PFL Econ Adv (12)
4353 Economics Dual ½ (12)
4373 AP Macroecon ½ (12) #
4530 AP Psychology (12) #
4613 Sociology ½ (10-12)
4170 History of Sports (9-12)
4513 Psychology ½ (10-12)
4463 Pers Fin Lit ½ (10-12)
4160 AP European History

Foreign Language

7010 French I (9-12)
7020 French II (9-12)
7030 French II Adv (9-12)
7040 French III Adv (10-12)
7060 French IV AP (11-12)
7110 German I (9-12)
7120 German II (9-12)
7130 German II Adv (9-12)
7140 German III Adv (10-12)
7150 German IV AP (11-12)
7210 Spanish I (9-12)
7220 Spanish II (9-12)
7230 Spanish II Adv (9-12)
7250 Spanish III Adv (10-12)
7270 Span IV AP Lang (9-12)
7280 Spanish V AP Lit (9-12)
7240 Span Herit Speak (9-12)
6350 Computer Science I (9-12)
6353 Computer Sci II (10-12)

Health and PE

5160 Skills Based (9-12)
5170 Lifetime Fitness and Wellness Pursuits (9-12)
5060 Lifetime Recreation and Outdoor Pursuits (9-12)
5064 Dance (PE) ½ (9-12)
5065 Dance (PE) ½ (9-12)

Cheer

51251 / 5252 – 9th
5261 / 5262 – 10th
5255 / 5256 – 11th
5265 / 5266 – 12th

Other (not PE Credit)

5270 Sports Med I (9-12)
5290 Sports Med II (10-12)
5293 Sports Med III (11-12)
5012 Health (9-12)
5123 Officiating (9-12)

Athletics

Volleyball 9th 5411V/5412V
Volleyball 10th 5401/5402
Volleyball 11th 5391/5392
Volleyball 12th 5395/5396
Football 9th 5511/5512
Football 10th 5521/5522
Football 11th 5531/5532
Football 12th 5535/5536
Girls Cross Country 9th 5441/5442
Girls Cross Country 10th 5371/5372
Girls Cross Country 11th 5381/5382
Girls Cross Country 12th 5385/5386
Boys Cross Country 9th 5451/5452
Boys Cross Country 10th 5471/5472
Boys Cross Country 11th 5481/5482
Boys Cross Country 12th 5485/5486
Girls Track 9th 5461/5462
Girls Track 10th 5461/5432
Girls Track 11th 5361/5362
Girls Track 12th 5365/5366
Boys Track 9th 5601/5602
Boys Track 10th 5631/5632
Boys Track 11th 5561/5562
Boys Track 12th 5565/5566
Girls Golf 9th 5741/5742
Girls Golf 10th 5745/5746
Girls Golf 11th 5751/5752
Girls Golf 12th 5755/5756
Boys Golf 9th 5711/5712
Boys Golf 10th 5715/5716
Boys Golf 11th 5851/5852
Boys Golf 12th 5855/5856
Tennis 9th 5551/5552
Tennis 10th 5651/5652
Tennis 11th 5661/5662
Tennis 12th 5665/5666
Swimming 9th 5761/5762 (T)
Swimming 10th 5771/5772 (T)
Swimming 11th 5821/5822 (T)
Swimming 12th 5825/5826 (T)
Girls Basketball 9th 5411B/5412B
Girls Basketball 10th 5421/5422
Girls Basketball 11th 5491/5492
Girls Basketball 12th 5495/5496
Boys Basketball 9th 5611/5612
Boys Basketball 10th 5621/5322
Boys Basketball 11th 5591/5592

Boys Basketball 12th 5595/5596
Girls Soccer 9th 5341/5342
Girls Soccer 10th 5681/5682
Girls Soccer 11th 5841/5842
Girls Soccer 12th 5845/5846
Boys Soccer 9th 5331/5332
Boys Soccer 10th 5681/5682
Boys Soccer 11th 5831/5832
Boys Soccer 12th 5835/5836
Wrestling 9th 5781/5782
Wrestling 10th 5791/5792
Wrestling 11th 5811/5812
Wrestling 12th 5815/5816
Gymnastics 9th 5301/5302
Gymnastics 10th 5311/5312
Gymnastics 11th 5321/5322
Gymnastics 12th 5325/5326
Softball 9th 5411S/5412S
Softball 10th 5721/5722
Softball 11th 5731/5732
Softball 12th 5735/5736
Baseball 9th 5691/5392
Baseball 10th 5701/5702
Baseball 11th 5641/5642
Baseball 12th 5645/5645
Powerlifting 9th 5861/5862
Powerlifting 10th 5865/5866
Powerlifting 11th 5871/5872
Powerlifting 12th 5875/5876
Girls Powerlifting 9th 5861G/5862G
Girls Powerlifting 10th 5865G/5866G
Girls Powerlifting 11th 5871G/5872G
Girls Powerlifting 12th 5875G/5876G

Elective/Other

0110 AVID 9th (9)
0120 AVID 10th (10)
0130 AVID 11th (11)
0140 AVID 12th (12)
1033 Teen Leadership (9-12)
0100P Partner PE I (10-12)
0104P Partner PE II (11-12)
0100A Part Art I (10-12) (C)
0104A Part Art II (11-12) (C)
9310 – 9370 TAMU/Blinn
9867H Coll/Career Prep (11,12) (C)
9211/9212 Office Aide ½ (9-12)
9221/9222 Lib Aide (9-12)
9231/9232 Couns Aid ½ (9-12)
9241/9242 Nurse Aide (9-12) (C)
9301/9302 Study Hall ½ (9-12)
9111/9112 1st No Class (12)
9121/9122 2nd No Class (12)
9161/9162 6th No Class (12) (C)
9171/9172 7th No Class (12)
9181/9182 8th No Class (12) (T)

Art

8010 Art I (9-12)
8024 Art II Sculpture I (10-12)
8034 Art III Sculpt II (11-12)
8020 Art II Painting I (10-12)
8080 Art III Painting II (11-12)
8030 Art II Drawing I (10-12)
8040 Art III Drawing II (11-12)

8054 Art III Adv (11-12)
 8050 AP Art History (11-12)
 8070 AP Studio Draw (11-12)
 8074 AP Studio 2-D (11-12)
 8064 AP Studio 3-D (11-12)

Choir

8310 Concert Choir I (9-12)
 8320 Concert Choir II (10-12)
 8330 Concert Choir III (11-12)
 8340 Concert Choir IV (12)
 8240 Chorale I (9-12)
 8250 Chorale II (10-12)
 8260 Chorale III (11-12)
 8270 Chorale IV (12)
 8350 Voc Ens I (9-12)
 8360 Voc Ens II (10-12)
 8370 Choir Voc Ens III (11-12)
 8380 Choir Voc Ens IV (12)
 8210 Men's Chorus I (9-12)
 8214 Men's Chorus II (10-12)
 8220 Men's Chorus III (11-12)
 8224 Men's Chorus IV (12)

Orchestra

8710 Orchestra I (9-12)
 8720 Orchestra II (10-12)
 8730 Orchestra III (11-12)
 8740 Orchestra IV (12)

Other Fine Arts

8800 Music Studies 1 (10-12)
 8803 Music Studies 2 (10-12)
 8806 Music Studies 3 (10-12)

Dance

5200 Dance I – fine art (9-12)
 5204 Dance II (10-12)
 5210 Dance III (11-12)
 5214 Dance IV (12)
 5220 Pre-Drill (9-11)
 5207 Dance Ensemble I (10-12)
 5223 Dance Ensemble II (10-12)
 5226 Dance Ensemble III (11-12)
 5237 Dance Ensemble IV (12)
 5230 Drill/Adv Dance I (9-10)
 5234 Drill/Adv Dance II (10-12)
 5240 Drill/Adv Dance III (11-12)
 5244 Drill/Adv Dance IV (12)
 5217B Dance Well Ath (9-12)
 5217G Dance Well Ath (9-12)
 8560 Color Guard I (9-10)
 8564 Color Guard II (10-12)
 8570 Color Guard III (11-12)
 8574 Color Guard IV (12)

Theater

8110 Theater Arts I (9-12)
 8120 Thea Arts II (10-12)
 8130 Thea Arts III (11-12)
 8140 Theater Arts IV (12)
 8150 Tech Thea I (9-12)
 8160 Tech Thea II (10-12)
 8170 Tech Theater III (11-12)
 8154 Tech Th II:Theat Des (10-12)

8090 Thea Prod I (10-12)
 8100 Thea Prod II (11-12)
 8180 Thea Prod III (12)
 8190 Thea Prod IV (12)
 8104 Improv Thea (9-12)
 8114 Mus Thea I (9-12) (C)
 8124 Mus Thea II (10-12) (C)
 8134 Mus Thea III (11-12) (C)
 8144 Mus Thea IV (12) (C)

Band

8450 Band I (9-12)
 8460 Band II (10-12)
 8470 Band III (11-12)
 8480 Band IV (12)
 8610 Jazz Ens I (9-12)
 8620 Jazz Ens II (10-12)
 8630 Jazz Ens III (11-12)
 8640 Jazz Ens IV (12)
 8700 AP Music Theory (11-12)

Architecture and Construction

6764 Prin of Const (9-12)
 6750 Build Tech I (C) (10-12) +
 6754 Build Tech II(C) (11-12) +
 6774 Pract Const (C) (11-12) +

Hospitality and Tourism

6900 Intro to Culin Arts (9-12)
 6910 Culinary Arts (10-12) (C)
 6920 Culinary II (11-12) (C) +
 6930 Pract Culin (12) (C) +

Cybersecurity

6300 Princ Info Tech (9-11)
 6320 Comp Maint (T) (10-12)
 6330 Networking (T) (11-12) +
 6307 Practicum in Information Technology - Cybersecurity (12) (T)+

Ag, Food and Natural Resources

6000 Intro to Ag (9-11)
 6020 Floral Design (10-12)
 6010 Horticulture Science
 6024 Floral Des II (11-12)
 6027 Pract Ag–Floral Design (12) +
 2584 Math in Agriculture
 6043 Equine Sci ½ (10-12)
 6053 Small Anim Mgmt ½ (10-12)
 6103 Livestock Poultry Prod +
 6044 Vet Sci w/Lab(11-12) +
 6087 Pract Ag – Animal Sci (11-12) +
 6054 Animal Sci (12) (T)
 6004 Plant/Soil (11-12) (C)
 6095 Wildlife Fish Lab (10-12) +
 6077 Range Ecology Mgmt (10-12) +
 6037 Pract Ag–Wildlife (12)
 6064 Food Tech Safety (10-12) (C)
 6060 Food Process (12) (C) +
 6067 Pract Ag Food Process (12) (C) +
 6070 Ag Mech (10-12) (T)
 6080 Ag Struct/Fab (11-12) (T)+
 6084 Pract Ag-Mech (12) (T)+
 6007 Agribusiness Mgmt (11-12) +
 6047 Pract Ag Extended (12) ++

6017 Pract Ag – Agribusiness (11-12) +

Arts, Audio and Visual Communication

6310 Princ Arts, A/V (9-11)
 6463 Digital Comm (9-11)
 6440 Audio/Video Prod (10-12)
 6450 Adv Audio/Vid (11-12) +
 6460 Pract in Aud/Vid (12) +
 6410 Graphic Design I (9-11)
 6414 Graph Des II
 6424 Pract Graph Arts+
 6364 Video Game Des
 6373 Video Game Prog
 6376 Adv. Video Game Prog

Business, Marketing and Finance

6510 Princ Bus, Mkt, & Fin
 6600 Entrepreneurship
 6640 Accounting I-H
 6650 Accounting II-H
 6604 Pract Entrepreneurship +
 6597 Pract Business Mgmt +

STEM

6384 Intro to UAV
 6963 Robotics I
 6966 Robotics II
 6670 Pract Manufacturing
 6330 Networking w/lab (T)
 6343 Princ of Comp Science
 6350 Computer Science I
 6353 Computer Science II
 6304 Practicum in Information Technology - STEM (T)+

Human Service, Educ and Training

6200 Principles of Human Services
 6213 Foods 101 - ½
 6223 Dollars and Sense - ½
 6263 Human Growth/ Dev
 6270 Inst Practices +
 6274 Pract Ed & Train +

Law, Public Safety, Corrections and Security
 6707 Crim Investigations (9-11)
 6710 Law Enf I (9-12)
 6720 Law Enf II (10-12)
 6173 Forensic Science (11-12)
 6704 Pract in Law (11-12) +

Health Sciences

6120 Prin of Health Sci
 6137 Medical Terminology
 6134 Pharmacology
 6163H Health Sci Theory (T)
 6166H Health Sci Th w/Clin(T)+
 6153 Pract-CMA (T)+
 6147 Pract-Pharm Tech(T)+
 6176 Pract-EMS (T)+
 6210 Prin of Wellness

6214 Kinesiology I
 6191/9192 PBR Health Science

Bryan CTE Program

6735 Automotive I +
 6747 Automotive II +
 6744 Prac Manuf I +
 6795 Prac Manuf II +
 6973 Welding I +
 6976 Welding II +

Supplemental CTE Courses

6230 Fashion Design
 6233 Fashion Design II
 6800 Career Prep I
 6890 Career Prep II
 6110 PBR Capstone (11-12)

Off Campus PE

5071, 5072 - 1A / 1B
 5075, 5076 - 2A / 2B
 5091, 5092 - 3A / 3B
 5095, 5096 - 4A / 4B

CTE Courses only offered at AMCHS (requires a transfer if not zoned for AMCHS)

6320 Comp Maint (T)+
 6330 Networking (T) +
 6304 Practicum in Information Technology (T) +
 6043 Equine Sci ½ (10-12)
 6053 Small Anim Mgmt ½ (10-12)
 6070 Ag Mech (10-12) (T)
 6080 Ag Struct/Fab (11-12) (T)+
 6084 Pract Ag-Mech (12) (T)+
 6054 Animal Science (12) (T)
 6087 Pract Ag – Animal Sci (11-12)(T) +
 6163H Health Sci Theory (T)
 6166H Health Sci Theory w/Clin (T) +
 6153 Pract-CMA (T)+
 6147 Pract-Pharm Tech(T)+
 6144 Pract-EMS (T)+

CTE Courses only offered at CSHS (Requires a transfer if not zoned for CSHS)

6750 Build Tech I (C) (10-12)+
 6754 Build Tech II(C) (11-12) +
 6910 Culinary Arts (10-12) (C)
 6920 Adv Culin (11-12) (C) +
 6930 Pract Culin (12) (C) +
 6064 Food Tech Safety (10-12) (C)
 6060 Food Process (12)(C)+
 6067 Pract Ag–Food Process (12)(C)+
 6004 Plant & Soil (C)(11-12)

2025-2026 Freshman Course Cheat Sheet

*Deadline to change courses is May 15, 2024, ½ = semester, T = AMCHS, C = CSHS, * = counts in the rank GPA*

English

English I – 1110 *
English I Adv – 1133 *

Math

Algebra I – 2210 *
Algebra I Adv - 2230 *
Geometry – 2410 *
Geometry Adv – 2420 *
Algebra II – 2510 *
Algebra II Adv – 2520 *

Science

Biology – 3210 *
Biology Adv – 3220 *

Social Studies

World Geography – 4120 *
World Geography Adv – 4230 *
AP Human Geography – 4140 *

Foreign Language

French I – 7010 *
German I – 7110 *
Spanish I – 7210 *
Spanish II – 7220 *
Spanish II Adv – 7230 *
Spanish III Adv – 7250 *
Span IV AP Language – 7270 *
Computer Science I – 6350 *

PE/Athletics (need 1 year)

Skills Based Lifetime Activities - 5160
Lifetime Fitness and Wellness Pursuits - 5170
Lifetime Recreation and Outdoor Pursuits - 5060
Dance (PE) ½ - 5064 (C)
Dance (PE) ½ 5065 (C)

Off Campus PE

5071, 5072 - 1A / 1B

Athletics

Volleyball 9th 5411V/5412V
Football 9th 5511/5512
Girls Cross Country 9th 5441/5442
Boys Cross Country 9th 5451/5452
Girls Track 9th 5461/5462
Boys Track 9th 5601/5602

Girls Golf 9th 5741/5742
Boys Golf 9th 5711/5712
Tennis 9th 5551/5552
Swimming 9th 5761/5762 (T)
Girls Basketball 9th 5411B/5412B
Boys Basketball 9th 5611/5612
Girls Soccer 9th 5341/5342
Boys Soccer 9th 5331/5332
Wrestling 9th 5781/5782
Gymnastics 9th 5301/5302
Softball 9th 5411S/5412S
Baseball 9th 5691/5392
Powerlifting 9th 5861/5862
Girls Powerlifting 9th 5861G/5862G

Elective/Other

AVID 9th - 0110
Teen Leadership - 1033
Creative Writing - 1480
Debate I - 1820
Oral Interp - 1900
Journalism ½ (fall) - 1503
Newspaper I ½ (spring) - 1512
History of Sports - 4113
Sports Med I - 5270
Health – 5012
Library Aide 9221/9222
Couns Aid ½ 9231/9232
Study Hall ½ 9301/9302

Fine Arts (need 1 year)

Art
Art I - 8010

Choir
Concert Choir I - 8310
Men's Chorus I - 8210

Orchestra
Orchestra I - 8710

Dance
Dance I – fine art - 5200
Drill/Adv Dance I - 5230
Dance Well Athletes – 5217B
Dance Well Athletes – 5217G
Color Guard I - 8560

Theater
Theater Arts I - 8110
Tech Thea I - 8150

Thea Prod I - 8090
Improv Thea - 8104
Mus Thea I(C) - 8114

Band

Band I - 8450
Jazz Ens I - 8610

Career Technology Programs of Study

Ag, Food and Natural Resources
Intro to Agriculture - 6000

Architecture and Construction
Principles of Construction – 6764

Arts, Audio and Visual Communication
Principles of Arts, A/V – 6310

Courses below have a prerequisite
Digital Communication - 6463
Graphic Design - 6410

Hospitality and Tourism
Intro to Culinary Arts - 6900

Information Technology
Principles of Info Tech - 6300

Courses below have a prerequisite
Computer Science I – 6350
Computer Maintenance - 6320

STEM / Engineering
Intro to Unmanned Vehicles - 6954

Business, Marketing and Finance
Principles Bus, Mkt, & Fin – 6510

Health Sciences
Principles of Health Science - 6120
Principles of Wellness - 6210

Human Service, Educ and Training
Principles of Human Services - 6200

Law, Public Safety, Corrections and Security
Law Enforcement I - 6700

Suggested Four Year Plan

(Circle the level you plan to take)

Core Classes	Freshman Year	Sophomore Year	Junior Year	Senior Year
English	<u>English 1</u> English 1 English 1 Adv	<u>English 2</u> English 2 English 2 Adv	<u>English 3</u> English 3 English 3 Adv English 3 AP	<u>English 4</u> English 4 English 4 Adv English 4 AP English 4 Dual
Math See Math progression chart on page 24	<u>Algebra</u> Algebra 1 Algebra 1 Adv <u>Geometry</u> Geometry Geometry Adv <u>Algebra II</u> Algebra II Algebra II Adv	<u>Geometry</u> Geometry Geometry Adv <u>Algebra II</u> Algebra II Algebra II Adv <u>Pre Cal</u> Pre Cal Pre Cal Adv	<u>Algebra II</u> Algebra II Algebra II Adv <u>Pre Cal</u> Pre Cal Pre Cal Adv <u>Calculus AB or BC</u> AP Calculus AB AP Calculus BC	<u>Pre Cal</u> Pre Cal Pre Cal Adv <u>Calculus AB or BC</u> AP Calculus AB AP Calculus BC <u>AP Stat</u> AP Statistics
Science After Biology and Chemistry you have choices in your science classes	<u>Biology</u> Biology Biology Adv	<u>Chemistry</u> Chemistry Chemistry Adv	<u>Physics</u> Physics AP Physics 1 <u>Science Choices</u> See Science progression chart on page 24	<u>Science Choices</u> See Science progression chart on page 24
Social Studies (see notes below)	<u>World Geography</u> World Geography World Geography Adv AP Human Geography	<u>World History</u> World History World History Adv AP World History	<u>US History</u> US History US History Adv AP US History US History Dual	<u>Government/ and PFL Economics</u> Gov/ PFL Econ Gov Adv / PFL Econ Adv AP Gov / AP Macroecon Gov Dual/ Econ Dual
LOTE Students don't have to take their language during freshman / sophomore years. They can wait until sophomore/ junior year. We don't recommend waiting until junior / senior year since it's a graduation requirement.	<u>Spanish</u> Spanish 1 Spanish 2 Spanish 2 Adv Spanish 3 Adv <u>French</u> French 1 <u>German</u> German I <u>Comp. Science</u> Comp. Science I	<u>Spanish 2</u> Spanish 2 Spanish 2 Adv Spanish 3 Adv Spanish 4 AP <u>French 2</u> French 2 French 2 Adv <u>German 2</u> German 2 German 2 Adv <u>Comp Science</u> Comp Science 2 Adv		
Elective Fine arts and PE are only required for one year. Does not have to be done in the freshman / sophomore years	Fine Art (1 credit) (see pages 34-38)	PE (1 credit) (see pages 39-41)		
Elective CTE Programs of Study or any other courses that aren't required for graduation				

Depending on what Endorsement you choose, you might not need both World Geography and World History. If you choose Arts and Humanities you can take five Social Studies classes including AP Psychology, Sports History, American History Through Film, AP European History and Psychology / Sociology as additional credits; Most endorsements only require you to have World Geography OR World History

Xello Course Planner – Sample

Required
 *Foundation High School Plan + Endorsement

26 Credits left 0 / 26

Requirements All requirements Credits ☐ Earned ☐ Planned ☐ Remaining Suggestions

A linked parent account is required to request approval of this course plan. Add parent

Grade 9 0 credits Not Submitted + Add English 9 1 cr. + Add Math 9 1 cr. + Add Science 9 1 cr. + Add Social Studies 9 1 cr. + Add Elective 9 6 credits remaining Available period	Grade 10 0 credits + Add English 10 1 cr. + Add Math 10 1 cr. + Add Science 10 1 cr. + Add Social Studies 10 1 cr. + Add Elective 10 6 credits remaining Available period Available period	Grade 11 0 credits + Add English 11 1 cr. + Add Math 11 1 cr. + Add Science 11 1 cr. + Add Social Studies 11 1 cr. + Add Elective 11 6 credits remaining Available period Available period	Grade 12 0 credits + Add English 12 1 cr. + Add Math 12 1 cr. + Add Science 12 1 cr. + Add U.S. Government 12 0.5 cr. + Add Economics 12 0.5 cr. + Add Elective 12 6 credits remaining Available period
Available period Year-independent requirements 1 + Add Languages Other Than Eng 2 cr. + Add Physical Education 1 cr. + Add Fine Arts 1 cr. Alternate courses 1 + Add Alternate 9 2 cr.	Available period Year-independent requirements 1 + Add Languages Other Than Eng 2 cr. + Add Physical Education 1 cr. + Add Fine Arts 1 cr.	Available period Year-independent requirements 1 + Add Languages Other Than Eng 2 cr. + Add Physical Education 1 cr. + Add Fine Arts 1 cr.	Available period Year-independent requirements 1 + Add Languages Other Than Eng 2 cr. + Add Physical Education 1 cr. + Add Fine Arts 1 cr.

