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High School

# COURSE CATALOG

2019-2020

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# College Station ISD Course Catalog for High School

## Table of Contents

High School Overview.....	5	Letter Jackets and Honor Grads.....	15
5-year planning document.....	6	GPA Conversion Chart.....	15
High School Graduation		Course Descriptions/Career and Technical	
Explanation of Graduation		Education Clusters	
Plans/Requirements.....	7	English.....	16-19
Endorsements.....	8-9	Math.....	19-20
Performance Acknowledgements.....	10	Science.....	20-22
Required Assessment (STAAR).....	10	Social Studies.....	22-25
Early Graduation.....	10	Foreign Language.....	25-27
Grade Level Classification.....	10	Fine Arts.....	27-31
General Information		Health and PE.....	31-33
Schedule Changes/Level Changes.....	10-11	Career and Technical Education Course	
Waiver Process.....	11	Progression Suggestions.....	34-35
PE Substitutes.....	11	Career and Technical Education	
LOTE Substitutes.....	11	--- Ag, Food and Natural Resources....	36-38
Middle School courses.....	11	--- Architecture and Construction.....	38-39
Transfer Students.....	12	--- Principles of Arts, AV and Comm..	39-41
Correspondence and CBE.....	12	--- Business, Marketing and Finance ...	41-42
Summer School.....	12	--- Hospitality and Tourism.....	42
Minimum Course Load.....	12	--- Information Technology.....	43-44
Work and School.....	12	--- Health Science.....	44-46
College and Career Options		--- Human Services, Educ/ Training.....	46
Dual Credit.....	12-13	--- Law, Public Safety, Corrections.....	47
AP Courses/Blinn/TAMU Courses.....	13	--- STEM.....	48-49
Top 10%.....	13	--- Career and Technical Education	
TSI.....	13	Supplemental Courses.....	49
ASVAB.....	13	Elective Courses.....	49-50
Ranks and GPA.....	13-14	No Credit Courses.....	50
Pupil Progression Plan.....	14	Special Education Classes.....	51-53
Non-Credit Athletics.....	14	Course Selection Helpful Hints.....	54
Repeating a course.....	14	Student Course Cheat Sheet Grades 9-11.....	55-56
Transcripts.....	14	Student Course Cheat Sheet Grade 8.....	57
NCAA.....	14-15		
UIL Eligibility.....	15		

*\*\* the information in this book is subject to change based on new information mandated through the Texas Legislature, TEA or the State Board of Education \*\**



**Welcome to High School, Tigers and Cougars!**

As you look over the information in this book, we encourage you to plan for your future. Don't plan for next year. Plan for the next five years. CSISD strives to provide students a rigorous, challenging academic career designed to prepare them for a global future. We provide many opportunities for students to challenge themselves, encourage their creativity, find their passion, and discover the path for their lives.

We have two comprehensive high schools in College Station ISD: A&M Consolidated High School (AMCHS) and College Station High School (CSHS). Course offerings at AMCHS and CSHS are comparable. Students attend the campus they are zoned for in 9<sup>th</sup> grade. The only differences are in UIL competitive swimming (9-12), located at AMCHS, and in Career and Technical Education Programs. *If a student chooses to participate in and is accepted into* one of the three different Career and Technical Education Programs illustrated below beginning with his/her 10<sup>th</sup> grade year, the transfer process must be completed in the spring of the previous year. A student will have to maintain enrollment in a campus-specific Career and Technical Education program on an annual basis to remain at that identified campus. Please see the CSISD web page for more information on transfers.

<b>Career and Technical Education programs offered at both AMCHS and CSHS</b>
Agricultural Science – Plant, Landscape and Turf
Arts, Audio/Video, Communication
Business, Marketing, Finance
Human Education – Foods, Fashion and Ready Set Teach
Information Technology – Programming, Web
Law/Criminal Justice
Science – Anatomy and Physiology, Principles of Technology and Biotechnology
STEM (Science, Technology, Engineering and Mathematics)

<b>Career and Technical Education programs offered at CSHS only</b>	<b>Career and Technical Education programs offered at AMCHS only</b>
Agriculture Science – Environmental and Food Processing	Ag Science – Mechanical and Animal Science
Construction, Architecture	Information Technology – Computer Technology
Hospitality - Culinary	Health Science

The College Station Independent School District does not discriminate based on race, color, religion, sex, national origin, age, disability, military status, or any other basis prohibited by law in providing education services. Dr. Penny Tramel, Chief Academic Officer, 1812 Welsh, College Station, TX 77840 (979-764-5760) has been designated to coordinate compliance with the nondiscrimination requirements of Title IX. Lindsey Fuentes, Director of Special Services, 1812 Welsh, Suite 120, College Station, TX 77840 (979- 764-5433) has been designated to coordinate compliance with the nondiscrimination requirements of Section 504 of the Rehabilitation Act.

**No Discriminación**

El Distrito Escolar de College Station no discrimina en base de la raza, color, religión, sexo, origen nacional, edad o inhabilidad en el abastecimiento de los servicios educativos. Dr. Penny Tramel, El Director Académica, 1812 Welsh, College Station, TX 77840 (979-764 5760) ha sido señalada para coordinar conformidad con los requisitos del Título IX. Lindsey Fuentes, Directora de Servicios Especiales, 1812 Welsh, Suite 120, College Station, TX (979-764-5433) ha sido señalada para coordinar conformidad con los requisitos de la Sección 504 de la Ley de Rehabilitación.

## CSISD 5 Year Plan – Sample

Students will begin planning their high school program in the 8<sup>th</sup> grade and adjust each year they are in high school. *All students fill out an updated 5 year plan each year.* Once you complete your freshman year, you can use your transcript to help you complete this process. This is just a plan. It can change! We strongly encourage all students who know they want to go to college to at least choose the multidisciplinary endorsement since this includes all the courses colleges and universities expect to see on a high school transcript. You can add other endorsements as you choose. All CSISD students begin on the Foundation with Endorsement plan. A shift to the Foundation plan can be discussed after a student enters 11<sup>th</sup> grade.

Name: \_\_\_\_\_ A. Student \_\_\_\_\_ Date: \_\_\_\_\_ Feb 2019 \_\_\_\_\_

**Endorsement:** \_\_\_\_\_ x \_\_\_\_\_ Multidisciplinary  
 (choose at least one) \_\_\_\_\_ x \_\_\_\_\_ Business and Industry  
 \_\_\_\_\_ STEM  
 \_\_\_\_\_ Arts/Humanities  
 \_\_\_\_\_ Public Service

**Foundation Credits – Total 22**  
 English: 4  
 Math: 3  
 Science: 3  
 Social Studies: 3  
 For Lang: 2 (same)  
 Fine Arts: 1  
 Phys Ed: 1  
 Electives: 5

**Endorsement Credits – Total 26**  
 English: 4  
 Math: 4  
 Science: 4  
 Social Studies: 3 or 4  
 For Lang: 2 (same)  
 Fine Arts: 1  
 Phys Ed: 1  
 Electives: 7

MS Courses for HS Credit	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Post High School Plan
<i>Spanish 1 Keyboarding</i>	English <i>English 1 Honors</i>	English <i>English 2 Honors</i>	English <i>English 3 Honors</i>	English	_____ 2-year College <u>  x  </u> 4-year College _____ Technical Training _____ Military _____ Other
	Math <i>Algebra 1</i>	Math <i>Geometry</i>	Math <i>Algebra 2</i>	Math <i>Pre-Calculus</i>	
	Biology	Science	Science	Science	
	<i>Biology</i>	<i>Chemistry</i>	<i>Physics 1</i>	<i>Environmental Systems (CSHS) or Aquatic Science (AMCFS)</i>	
	World Geography	World History	US Hist	Gov/Econ	
	<i>World Geography H</i>	<i>World History H</i>	<i>US History H</i>	<i>Government H/ Economics H</i>	
	Elective	Elective	Elective	Elective	
	<i>Spanish 2 H</i>	<i>Principles of Arts, AV and Communications</i>	<i>Audio/Video Production</i>	<i>Advanced Audio/Video Production</i>	
	Elective	Elective	Elective	Elective	
	<i>Art 1</i>	<i>Sports Medicine 1</i>	<i>Audio/Video Production</i>	<i>Advanced Audio Video Production</i>	
	Elective <i>Football</i>	Elective <i>Football</i>	Elective <i>Non-Credit Football</i>	Elective <i>Non-Credit Football</i>	

*Required Electives:* 1 PE, 1 Fine Art, 2 Foreign Language  
*Other Electives:* Career and Technology classes, extra core classes, additional PE, fine arts, foreign language, etc.

# SAMPLE

## Graduation Plans

Students graduating from a Texas high school must complete graduation requirements outlined by the state and receive a passing score on five End of Course (EOC) Exams including Algebra 1, Biology, U.S History, English 1, and English 2. Each student will graduate under one of the graduation plans. All students automatically start under the FHSP with Endorsement. The appropriate State of Texas Seal designating which plan was completed will be attached to the student’s transcript. High school courses taken in middle school will earn credit toward graduation.

The state legislature amended the current admission eligibility requirements for students applying to any four-year public education institution. 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. In addition, this law further states that institutions of higher learning shall admit any applicant who is the child of a public servant killed or having sustained a fatal injury in the line of duty. Applicants need to meet the minimum requirements of the institution.

If a student wants to graduate under the Foundation High School plan without endorsements, the student must attend a meeting with the counselor and a parent/guardian to discuss post-secondary impacts.

## High School Graduation Requirements

<b>Foundation High School Plan (FHSP)</b> * 22 credits	<b>Foundation High School Plan (FHSP) with Endorsement</b> ** 26 credits	<b>FHSP with Endorsement &amp; Distinguished Level of Achievement</b> ** 26 credits
<b>English</b> <b>4 credits</b>	<b>English</b> <b>4 credits</b>	<b>English</b> <b>4 credits</b>
<b>Mathematics</b> <b>3 credits</b> Must include Algebra 1 and Geometry	<b>Mathematics</b> <b>4 credits</b> Must include Algebra 1 and Geometry	<b>Mathematics</b> <b>4 credits</b> Must include Algebra 1, Geometry and Algebra II
<b>Science</b> <b>3 credits</b> Must include Biology and Chemistry/Physics	<b>Science</b> <b>4 credits</b> Must include Biology and Chemistry/Physics	<b>Science</b> <b>4 credits</b> Must include Biology and Chemistry/Physics
<b>Social Studies</b> <b>3 credits</b> Includes US History, Govt, Econ and either W Geog or W Hist.	<b>Social Studies</b> <b>3 credits</b> Includes US History, Govt, Econ and either W Geog or W Hist.	<b>Social Studies</b> <b>3 credits</b> Includes US History, Govt, Econ and either W Geog or W Hist.
<b>Languages</b> <b>Other than English</b> <b>2 credits</b> (Level I & II of same language)	<b>Languages</b> <b>Other than English</b> <b>2 credits</b> (Level I & II of same language)	<b>Languages</b> <b>Other than English</b> <b>2 credits</b> (Level I & II of same language)
<b>Fine Arts</b> <b>1 credit</b>	<b>Fine Arts</b> <b>1 credit</b>	<b>Fine Arts</b> <b>1 credit</b>
<b>Physical Education</b> <b>1 credit</b>	<b>Physical Education</b> <b>1 credit</b>	<b>Physical Education</b> <b>1 credit</b>
<i>(Physical Education or athletics or up to 1 credit substitution from marching band, drill team, cheerleading, A student may earn a maximum of 4 PE credits.)</i>		
<b>Electives</b> <b>5 credits</b>	<b>Electives</b> <b>7 credits</b>	<b>Electives</b> <b>7 credits</b>
* Foundation High School Plan is the minimum requirements to graduate from a Texas High School. Students may not consider this plan until both their 16 <sup>th</sup> birthday and the completion of 10 <sup>th</sup> grade.		
** Some endorsements require more than the credits listed above. For more information on endorsements and performance acknowledgements see pages 8-10, 34-35.		

## Endorsement Areas

<p><b><u>Business and Industry</u></b> Agricultural, Food and Natural Resources, Architecture and Construction, Arts, Audio Visual and Communication, Business Management and Administration, Hospitality and Tourism, Information Technology, Marketing and Finance</p>	<p><b><u>Public Service</u></b> Health Sciences, Human Services and Education and Training, Law, Public Safety, Corrections and Security</p>	<p><b><u>Arts and Humanities</u></b> World Languages, AP Social Studies, Fine Arts: Art, Music, Theater, Dance</p>	<p><b><u>Multidisciplinary</u></b> 4 credits in the four core subjects – this is the default endorsement for all students unless they choose something different</p>
		<p><b><u>STEM</u></b> Science, Technology, Engineering, Advanced Mathematics</p>	

## Endorsements

An endorsement is a pathway a student has chosen for their coursework in high school. All students are defaulted to the Multidisciplinary endorsement to begin their High School career. Students are free to visit with their counselor and choose a different endorsement if they prefer. We encourage Multidisciplinary because colleges and universities expect to see these courses on a student's transcript. The chart below outlines the course requirements for earning different endorsements. The chart on pages 33-34 outlines course suggestions for earning the endorsements in Career and Technical Education classes, specifically.

Courses	STEM	Business/Industry	Arts/Humanities	Public Services	Multidisciplinary
<b>English Lang Arts</b>	English 1,2,3,4	English 1,2,3,4	English 1,2,3,4	English 1,2,3,4	English 1,2,3,4
<b>Mathematics</b>	Algebra 1, Geometry, Algebra 2 plus 1 advanced math	Algebra 1, Geometry plus 1 math and 1 advanced math	Algebra 1, Geometry plus 1 math and 1 advanced math	Algebra 1, Geometry plus 1 math and 1 advanced math	Algebra 1, Geometry plus 1 math and 1 advanced math
<b>Science</b>	Biology, Chemistry, Physics plus 1 advanced science (can be IPC if taken before Chemistry and Physics)	Biology, IPC or advanced science plus 2 advanced sciences	Biology, IPC or advanced science plus 2 advanced sciences	Biology, IPC or advanced science plus 2 advanced sciences	Biology, Chemistry, Physics plus 1 advanced science OR Chemistry or Physics plus 2 advanced sciences
<b>Social Studies</b>	World Geog or World Hist, US History, Govt and Economics	World Geog or World Hist, US History, Govt and Economics	World Geog and/or World Hist, US History, Govt and Economics	World Geog or World Hist, US History, Govt and Economics	World Geog and/or World Hist, US History, Govt and Economics
<b>Languages Other Than English</b>	2 years of the same language (I and II)	2 years of the same language (I and II)	2 years of the same language (I and II)	2 years of the same language (I and II)	2 years of the same language (I and II)
<b>Fine Arts</b>	1 credit	1 credit	1 credit	1 credit	1 credit
<b>Physical Education</b>	1 credit (PE or athletics)	1 credit (PE or athletics)	1 credit (PE or athletics)	1 credit (PE or athletics)	1 credit (PE or athletics)
<b>Electives – from Career and Technical Education clusters or from additional core classes (see pages 33-34 for Career and Technical Education specific examples)</b>	Engineering OR Science 5 credits OR Math 5 credits	Ag, Food and Natural Resources OR Architecture and Construction OR Arts, AV Technology and Communications OR Business Management and Administration OR Hospitality and Tourism OR Information Technology OR Marketing and Finance	Art OR Music OR Dance OR Theater OR Foreign Language OR Social Studies	Education and Training, Human Services, Law, Public Safety, Corrections and Security, Health Sciences	Four advanced courses in one endorsement that are not a coherent sequence OR four credits in each of the four foundation subject areas including English IV and Chemistry/Physics OR four AP courses in one of each of the four core areas



**Additional Endorsement Information**

<b>Science, Technology, Engineering and Math</b>	<b>Business/Industry</b>	<b>Arts/Humanities</b>	<b>Public Services</b>
<p>Students must complete Algebra 2, Chemistry and Physics in addition to one of the following options...</p> <p>1. A coherent sequence of courses for four or more credits in Career and Technical Education that consists of at least two courses in the same career cluster, including at least one advanced course (listed below)</p> <p><u>Advanced Career and Technical Education courses include Principles of Engineering or Engineering Applications</u></p> <p>2. Five credits in Mathematics: Algebra 1, Geometry, Algebra 2 plus two of the following courses: Pre-Calculus, AP Statistics, AP Calculus (AB or BC)</p> <p>3. Five credits in Science: Biology, Chemistry, Physics plus two of the following: any AP science class, Advanced Biotechnology, Anatomy and Physiology, Astronomy, Environmental Systems, Aquatic Science (IPC can be 5<sup>th</sup> credit if taken before Chemistry and Physics but not if taken in MS)</p>	<p>A coherent sequence of course for four or more credits in Career and Technical Education that consists of at least two courses in the same career cluster, include at least one advanced Career and Technical Education course listed below...</p> <p><u>Agriculture, Food and Natural Resources</u>            Food Processing            Adv Plan and Soil Science            Adv and Practicum in Ag Mech            Vet Med Apps            Adv Animal Science</p> <p><u>Architecture and Construction</u>            Adv and Pract in Archit Design            Building Tech and Adv Building Tech</p> <p><u>Arts, AV Tech and Comm</u>            Aud Vido Prod, Adv and Pract AV            Animation I,II            Video Game Design            Graphic Design I,II            Webpage Design</p> <p><u>Business Mgmt, Admin, Marketing and Finance</u>            BIMM II            Entrepreneurship            Accounting II</p> <p><u>Hospitality and Tourism</u>            Culinary Arts and Pract            Culinary</p> <p><u>Information Technology</u>            Computer Maintenance            Telecommunications            Computer Technician            Programming II            Webpage Design            Video Game Design</p> <p><u>Four English Elective credits</u>            including three from either debate, yearbook or newspaper</p>	<p>This endorsement can be earned one of four ways...</p> <p>1. Five Social Studies credits: World Hist, Work Geog, US History, Govt, Economics plus Psych, AP Psych or Sociology</p> <p>2. Four levels of the same Foreign Language: German, French, Latin, Spanish</p> <p>3. Two levels of a World Lange and two levels of a different World Language: German, French, Latin, Spanish</p> <p>4. A coherent sequence of four credits within a Fine Arts category or discipline. For example: Band 1-4, Choir 1-4, Art 1-4.</p>	<p>A coherent sequence of courses for four or more credits in Career and Technical Education that consists of at least two courses in the same cluster, including at least one advanced Career and Technical Education course (listed below).</p> <p>Advanced courses include:</p> <p><u>Education and Training</u>            Ready, Set, Teach I and II</p> <p><u>Health Science</u>            Health Science Theory            Practicum in Pharmacy Tech            Practicum in CMA            Practicum in CNA            Practicum in EMT</p> <p><u>Law, Public Safety, Corrections and Security</u>            Intro to Criminal Justice            Intro to Law Enforcement</p>

## **Performance Acknowledgements**

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 May 1<sup>st</sup> of the student's senior year. A student may earn a performance acknowledgment on their transcript for outstanding performance in the following ways:

**College Credit:** Successful completion of at least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0; or by earning an associate degree while in high school.

**Bilingualism / Biliteracy:** Demonstrate proficiency in two or more languages by completing all English language arts requirements and maintaining a minimum GPA of the equivalent of 80 on a scale of 100; and satisfying one of the following:

- completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
- demonstrated proficiency in the TEKS for level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
- completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or
- demonstrated proficiency in one or more languages other than English by scoring 3 or higher on an Advanced Placement exam for a language other than English

Note: In addition to meeting the requirements above, to earn a performance acknowledgment in bilingualism and biliteracy, an English language learner must also have participated in and met the exit criteria for a bilingual or ESL program and scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

**AP Test:** Earn a score of three, four or five on a College Board advanced placement examination.

### **Standardized Tests:**

**PSAT:** Earn a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) that qualifies the student for recognition as a National Merit Semifinalist, a Commended Scholar or a National Hispanic Scholar.

**SAT Test:** Earn a combined critical reading and mathematics score of at least 1310 on the SAT

**ACT Test:** Earn a composite score on the ACT exam (without writing) of 28.

**Certification / License:** Earn a nationally or internationally recognized business or industry certification or license with performance on an examination sufficient to obtain a nationally or internationally recognized business or industry certification or performance on an examination sufficient to obtain a government-required credential to practice a profession.

## **Required State Assessments for Graduation (STAAR)**

Students will take the State of Texas Assessments of Academic Readiness (STAAR) exam at the end of English 1, English 2, Algebra 1, 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 don't pass their exams. 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.

SB149 allows for students who haven't 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 1 special provision must count that assessment as one of their failed assessments.

## **Early Graduation**

To pursue early graduation, a student must meet with a counselor and have the approval of a parent and principal. Specific details about early graduation are available in the counseling office.

## **Student Classification**

**Freshman:** promoted from 8<sup>th</sup> grade **Sophomore:** completed 5.5 credits **Junior:** completed 11 credits **Senior:** completed 17 credits  
This classification is based on the number of credits completed. 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.

## **Course Requests / Schedule changes**

It is important for students to select courses based on their personal 5-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 doesn't fit in the master schedule.

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

Parents of 8th grade students will have opportunity to get help with registration. Parents are strongly encouraged to attend one of the help sessions or schedule an appointment with the middle school counselor. The high school counseling office is open in the summer and provides help by appointment.

Course requests will be final June 14, 2019. 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 June 14 deadline*.

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.

### **Level Change Procedures**

For students enrolled in AP, Pre-AP, or Honors courses, the following guidelines will need to be met for a level change: (1) parent and student will communicate with AP, Pre-AP, or Honors teacher about problems being experienced in the class; (2) at semester a student can change from an advanced to a lower level of the same course; (3) for a year-long course, the level change must occur by the end of the 5<sup>th</sup> week of school or the student will remain in the class until the end of the first semester. For a one semester course, it is recommended that the change occur by the end of the third week; however, a level change may occur up to the above deadline under special situations; (4) necessary paperwork (Level Change Request Form) must be completed with all signatures and turned in to the Counseling Office; (5) grades from the dropped upper level course will be carried into the added lower level course; (6) 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. If changing from a lower level to a higher-level course, grades from lower level will NOT transfer. Students must make up all work and assessments previously completed in the upper level course.

### **Waiver Process**

If a student would like to register for a class other than the one recommended by their current teacher, then a parent must submit a waiver before the schedule change deadline. Waiver questions can be answered in the counseling office.

### **Special Requirements and Restrictions for Physical Education/Activity courses**

1. A student may not enroll in more than one physical education or athletic class per semester.
2. A student dropped from an athletic program during the semester will be enrolled in a regular physical education class for the remainder of the semester.
3. 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.
4. If a student's health warrants a homebound placement, a modified physical education curriculum will be delivered by the campus homebound teacher.
5. 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 2 levels of 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 admissions requirement for most colleges/universities that students have 2 years of a foreign language. It's the student's responsibility to check their college/university to determine their admission requirements.

### **High School Courses in Middle School**

CSISD offers courses in 7<sup>th</sup> and 8<sup>th</sup> grade that count for high school credit. Students who take these courses must meet all the required pre-requisites. These courses will be reflected on the student's high school transcript but only Honors and Pre-AP courses will be included in the high school GPA. Students who successfully complete Spanish 1A and Spanish 1B in middle school may use this to satisfy Spanish 1 at the high school level. Dual language students who successfully complete Spanish 2 and/or Spanish 3 Pre-AP will earn the equivalent high school credit for that class as well as the preceding levels of Spanish. Example: a student who tested into and successfully completed Spanish 3 Pre-AP in middle school will receive high school credit for Spanish 1 and Spanish 2.

## Transfer Students

A student transferring into the District from a TEA accredited school will receive the numerical grade earned in courses from that school. 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	A = 95	A- = 90
B+ = 89	B = 85	B- = 80
C+ = 79	C = 77	C- = 75
D+ = 74	D = 72	D- = 70
	F = 69	

## Credit by Exam/Correspondence

Credit by 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. High school students who desire to take a credit by exam during the school year should contact their campus counselor to complete the registration process. 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 in order to make sure students are enrolled in the correct course for the year.

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.

## Summer School

Courses are offered in the summer for advancement and for 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.

## Minimum Course Load

All students are required to enroll in seven classes (or equivalent) each semester with the following exceptions: (1) Students enrolled in vocational cooperative training programs must be enrolled in at least two other courses each semester (2) High school students enrolled in Blinn or seniors enrolled in TAMU courses must enroll in a minimum of four periods on the high school campus. The student is allowed 30 minutes travel time before and after the class. CSISD will not provide transportation (3) Fifth-year seniors graduating at mid-term may take a minimum of two classes (4) Seniors may take a total of two periods of no credit (i.e. no class, aide, etc.). Freshmen, Sophomores and Juniors may take only one period of no credit.

## 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 15 hours per week. If not scheduled for a class, the student must be off campus.

## 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. In order to be enrolled in a dual credit course, students must pass the TSI test (or exempt TSI with the following scores: ACT (19 in English with a 23 composite) or SAT (500 in verbal with a 1070 composite)) and pay the required tuition to Blinn College and purchase textbooks before the course begins. 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:*

- 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
- Government (Blinn Government 2305) – ½ high school credit; 3 hours college credit
- Accounting I (Blinn ACNT 1303) – 1 high school credit; 3 hours college credit
- Computer Maintenance (Blinn ITSC 1325) – 1 high school credit; 3 hours college credit (AMCHS only)
- Computer Tech (Blinn ITSY 1342) – 2 high school credits; 3 hours college credit (AMCHS only)
- Telecomm & Networking (Blinn ITNW 1325) – 2 high school credits; 3 hours college credit (AMCHS only)
- Audio/Video (Blinn ARTV 1351) – 2 high school credits; 3 hours college credit (AMCHS only)
- Graphic Design & Illustration I, II F/S (Blinn ARTC 1302, 1353, 1313(AMCHS only)) – 3 high school credits; 9 hours college credit
- Biotechnology (Blinn) – 1 high school credit, 4 hours college credit (CSHS only)

Students may earn college credit through Technical Dual Credit programs. 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. For more information on Technical Dual Credit courses, please contact your high school counselor or the Blinn College Technical Dual Credit office at (979) 209-7547.

### **Blinn**

Students may attend Blinn Junior College. Students must have a grade point average of 3.0 and approval from a high school counselor. 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 exam to enroll at Blinn. 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.

### **Advanced Placement Classes**

AP courses are designed to challenge students with college level curriculum and rigor. In May, students will have the opportunity to take the College Board Advanced Placement test(s) to earn college credit. The test costs approximately \$94, paid by the student, and is scored by ETS. Exam scores range from 1 to 5. Students making a test grade of 3, 4, or 5 may receive college credit. Awarding college credit is determined by each individual institution.

### **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 TSI to apply. Proof of enrollment must be submitted to the counselor by the second week of each semester.

### **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; and
- Graduate in the top 10 percent of his/her class at a public or private high school in Texas; and
- Enroll in college no more than two years after graduating from high school; and
- 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%.

### **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 college admission.

### **ASVAB**

The Armed Services Vocational Aptitude Battery exam is offered once a year to all juniors and seniors interested in a career in the military. It is a free exam. Details about testing dates can be found in the Counseling office at each high school.

### **Grade Point Averages and Ranking**

GPA's are computed 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. Honors, Pre-AP, and Advanced Placement courses with grades of 75 and above 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.

### Courses Used in Calculations Include

- High school-level Honors and Pre-AP courses at middle school
- Dual Credit courses
- Grades earned at other accredited high schools
- Courses taken at CSISD high schools (including summer school)

### Courses NOT Used in Calculations Include

- Non-Honors and non-Pre-AP 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
- Noncredit courses
- Semester grade of WP
- Non-accredited schools, programs, or curricula

### Grading Scale, Class Ranking, & GPA Grading/Credits

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. Semesters are not averaged together except in cases of Pupil Progression (see below).

### Pupil Progression Plan

If a student fails the first semester with a 60-69 average but passes the second semester with a high enough score to create an overall average of a 70, the student will earn two one-half credits and will not need to repeat the first semester class. The failing grade will be reflected on the student's transcript and be used in the calculation of the student's GPA. If a student passes the first semester and does not pass the second semester, the student will receive credit for the first semester but does not receive credit for the second semester and must repeat the second semester class to receive credit. PPP only applies to non-module courses taken in the same academic year.

### Non-Credit Athletics

Several non-credit options are available for students who wish to take multiple years of athletics but not have them impact the overall GPA. Available classes are in the course description section of the course catalog. The student must specifically request a non-credit class before the semester begins.

### 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.

### Transcripts

Enrolled students will receive a transcript at the beginning of the registration process. Sophomore, Junior, and Senior transcripts include current GPA and ranking. Freshmen transcripts do not include class rank. All official copies requested will cost \$2.00. Seniors wishing to send transcripts to colleges should check whether their college requires paper copies or if their college prefers electronic copies of transcripts. It is the student's responsibility to request transcripts on time. Transcript request forms are available in the counseling office.

### Explanation of Codes on Transcripts

A – Advanced Tech Credit	E – Credit for Acceleration	MD – Module Course	R – Summer School
B – Repeat Course	F – Fail	P - Pass	T – Credit by Exam
C - Correspondence	H – Honors	P – AP Course	WF – Withdrew Failing
D – Dual Credit	J – HS Course before Grade 9	Q – Pre-AP	WP – Withdrew Passing
X – TEA Innovative Course	1 – PE Substitution	* denied credit for attendance	

### NCAA (National Collegiate Athletic Association)

Bylaw 5-1-(j) -- 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 (1) apply for certification in your junior year of high school. The Eligibility Center will issue a preliminary certification report when you have had all your materials submitted. After you graduate, the Eligibility Center will review your final transcript to make a final certification decision according to NCAA standards. Apply for certification at [www.eligibilitycenter.org](http://www.eligibilitycenter.org) (2) earn a grade-point average of at least 2.00\* (on a 4.00 scale) in a core curriculum of at least 16 academic courses which were successfully completed during grades 9 through 12. Only courses that satisfy the NCAA definition of a core course can be used to calculate your NCAA GPA (3) have a core-course GPA and a combined score on the SAT Verbal & Math sections or a sum score on the ACT based on the

qualifier index scale. The qualifier index can be found at [www.eligibilitycenter.org](http://www.eligibilitycenter.org) (4) receive certification of amateur status. When registering for the Eligibility Center, you must complete the Amateurism Survey found at [www.eligibilitycenter.org](http://www.eligibilitycenter.org) (5) traditional school credits are the only credits accepted by NCAA. Correspondence, credit by exam, credit recovery and night school are not accepted.

**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 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.

**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 meeting 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 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 honors/Pre-AP/AP 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, honors, Pre-AP 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.

**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 (Cum Laude - 3.5000, Magna Cum Laude - 3.8000, and Summa Cum Laude - 4.000) will be determined by CSISD school board policy.

**GPA Calculation Chart**

*shows the difference in GPA between on-level and advanced courses*

Semester Grade	Honors, Pre-AP, AP Courses	On-Level Courses
100	5.0	4.0
99	4.9	3.9
98	4.8	3.8
97	4.7	3.7
96	4.6	3.6
95	4.5	3.5
94	4.4	3.4
93	4.3	3.3
92	4.2	3.2
91	4.1	3.1
90	4.0	3.0
89	3.9	2.9
88	3.8	2.8
87	3.7	2.7
86	3.6	2.6

85	3.5	2.5
84	3.4	2.4
83	3.3	2.3
82	3.2	2.2
81	3.1	2.1
80	3.0	2.0
79	2.9	1.9
78	2.8	1.8
77	2.7	1.7
76	2.6	1.6
75	2.5	1.5
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	0.0	0
All classes below a 69 receive 0 credit		

## English Courses

### English 1

# 1110            9<sup>th</sup>                            1 credit            4.0

**Prerequisite(s):** None

**Course Description:** Emphasizes skill development in reading, writing, literature, research skills, language, grammar, critical thinking, and cooperative learning with intense focus on preparation for the STAAR EOC English 1 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)

### English 1 Honors

# 1120            9<sup>th</sup>                            1 credit            5.0

**Prerequisite(s):** Teacher Recommendation

**Course Description:** Study of various genres of literature for the student with advanced reading, vocabulary, and thinking skills. Focus on organizational strategies for writing the multi-paragraph essays: descriptive, expository, persuasive, comparison/contrast, and personal writing. Research and documentation skills are also taught. Reading is done outside of class for in-class analysis. This course is rigorous and requires daily homework. Summer work may be required. (English Credit)

### English 1 Pre-AP

# 1130            9<sup>th</sup>                            1 credit            5.0

**Prerequisite(s):** Teacher Recommendation

**Course Description:** Prepares intrinsically motivated, task oriented, proficient readers and disciplined writers for success in our high school's Advanced Placement program. This course follows a rigorous pace and requires daily homework; all reading is done outside of class for in-class analysis. This course includes content immersion, a focus on in-depth analysis of rhetorical strategies, and performance assessed mainly at the analysis and synthesis levels. Students are strongly encouraged to purchase their own copies of novels for annotative purposes and for future reflection. Summer work may be required. (English credit)

### English Speakers of Other Languages

# 1080, 1090    9<sup>th</sup> -12<sup>th</sup>                            1 credit            4.0

**Prerequisite(s):** English Proficiency Test

**Course Description:** Designed to help the non-English speaking student acquire listening, speaking, reading and writing skills to succeed in school. ESOL students will be considered co-enrolled in English courses. (Elective Credit)

### English II

# 1210            10<sup>th</sup>                            1 credit            4.0

**Prerequisite(s):** English 1

**Course Description:** 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. (English credit)

### English II Honors

# 1220            10<sup>th</sup>                            1 credit            5.0

**Prerequisite(s):** English 1 (Honors or Pre-AP suggested) and Teacher Recommendation

**Course Description:** For the advanced student. Includes development in analytical writing, critical writing and reading, vocabulary enrichment, an in-depth study of more advanced literary selections; emphasis is on higher-level thinking skills; course curriculum is divided by themes. At least two major writing assignments each six weeks will be required. These will focus on writing as a process to prepare students for college. Outside of class reading is required for in-class analysis. This course is rigorous and requires daily homework. Summer work will be required. (English credit)

### English II Pre-AP

# 1230            10<sup>th</sup>                            1 credit            5.0

**Prerequisite(s):** English 1 (Pre-AP recommended) and Teacher Recommendation

**Course Description:** Prepares task-oriented, proficient readers and highly-motivated writers for success in our high school's Advanced Placement program. Analysis of world literature will include in-depth review of complex literary devices and rhetorical strategies. Students will be required to use sophisticated language to persuasively analyze literature during class discussions and for in-class timed writings and process essays. Projects and formal presentations will also be included during the year. Students are encouraged to purchase copies of novels and plays for both annotative purposes and for reflection. This course is rigorous and requires daily homework. Summer work will be required. (English credit)

### English III

# 1310            11<sup>th</sup>                            1 credit            4.0

**Prerequisite(s):** English I, II

**Course Description:** This course has been designed to help students develop into more engaged, confident, and effective readers and writers. 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' reading and writing skills. Reading and writing assessments will focus on both process and progress. (English credit)

### English III Honors

# 1320            11<sup>th</sup>                            1 credit            5.0

**Prerequisite(s):** English I Honors/Pre-AP and English II Honors/Pre-AP and Teacher Recommendation

**Course Description:** College preparatory course that 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 the majority of all writing assignments outside of class. Skills will build on those developed in English I-Honors and English II-Honors. This course follows a rigorous pace and requires daily homework. Summer work will be required. (English credit)



**English III Advanced Placement**# 1330 11<sup>th</sup> 1 credit 5.0**Prerequisite(s):** English I/English II Pre-AP and teacher recommendation**Course Description:** College-level class (pace and assignments are consistent with college study) that prepares students for success on the Language and Composition AP exam. Survey of religious, philosophical, and literary movements in American literature. Strong emphasis on independent writing tasks, which will include both timed writings and process papers. This course requires daily homework. A student scoring well on the AP exam may place out of three to six college credit hours. Summer work will be required. (English credit)

Fee: AP National Exam, optional

**English IV**# 1410 12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** English I, II, III**Course Description:** Chronological survey of political, religious, 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)**English IV Honors**# 1420 12<sup>th</sup> 1 credit 5.0**Prerequisite(s):** English IH, Pre-AP/English II Honors/Pre-AP/English III Honors/AP**Course Description:** College-preparatory course with a concentrated analytical and interpretive study of British literature that includes literature-related analytical writing. Development of the writing process with emphasis on expository, argumentative, analytical writing, and on logical and critical thinking. This course is rigorous and requires daily homework. Summer work will be required. (English credit)**English IV Advanced Placement**# 1430 12<sup>th</sup> 1 credit 5.0**Prerequisite(s):** English I Pre-AP/English II Pre-AP/ English III AP**Course Description:** College-level class (pace and assignments are consistent with college study) that prepares students for success on the Literature and Composition AP exam. Focuses on British and world literature. The chronologically-arranged course covers literature from Anglo-Saxon literature to modern-day works. Literary analysis is the key focus of writings and discussions, timed writings, and synthesis essays. Long-term independent study required in the spring. This course requires daily homework. A student scoring well on the AP exam may place out of three to six college credit hours. Summer work will be required. (English credit)

Fee: AP National Exam, optional

**English IV Dual Enrollment/Blinn Freshman English**# 1440 12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** English III, Teacher approval, acceptance to Blinn**Course Description:** This course follows the required curriculum for Blinn College English 1301 and 1302 courses (6 hrs. Blinn College Credit), in addition to TEKS required by the state of Texas for English IV credit. Students earn letter credit for the Blinn courses and a numerical grade for English IV based on both the Blinn work and the additional English IV assignments. During the first semester, this reading and writing- intensive composition course focuses on the writing of researched argumentative, expository, and persuasive papers. Analytical reading, critical thinking, and library-based research skills are emphasized. Essays, including a 2000-word documented library research-based paper, are required. 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. Essays, including a second documented library research-based paper, are required. Upon successful completion of this year-long course, the student will earn six (6) hours of college English credit, as well as his or her high school senior English credit. (English credit)

Fee: Blinn tuition/textbooks, student must pay

**Creative Writing (AMCHS only)**# 1480 9<sup>th</sup>-12<sup>th</sup> .5-1 credit 4.0/5.0**Prerequisites(s):** none**Description:** Two semester courses that can be taken for a whole year or as stand-alone semester courses. Students will engage in a rigorous composition course, demonstrating their skill in such forms of writing as fictional writing, short stories, poetry, and drama. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course can analyze and discuss published and unpublished pieces of writing, develop peer and self-assessments for effective writing, and set their own goals as writers. Creative Writing 1 will focus on poetry, fiction (short story) and essay. Students will have the opportunity to attend the Texas Grand Slam to see poetry in action. Student work will be submitted to various competitions throughout the year (Scholastic Art and Writing Awards contest, Texas Teen Book Festival Fiction Writing Contest, UIL Barbara Jordan Historical Essay Competition, UIL Latino History Essay Competition, UIL Film Contest, and more). Creative Writing 2 will focus on plays, screen plays, and graphic novels. Top submissions will be used by the film classes in the production of student's films in the fall semester. Students will have the opportunity to contract for honors credit if they choose. If using this course as a substitute for English 4, both semesters must be completed. (Elective Credit)

**Literature in Pop Culture (AMCHS only)**#1490 11<sup>th</sup>-12<sup>th</sup> 1 credit 5.0**Prerequisite(s):** English 2 Honors/Pre-AP or higher**Course Description:** The objective of this course is to provide a framework for the students to begin understanding how major works of literature influence works of modern pop-culture including, but not limited to, music, television and movies. Students will have the opportunity to examine, analyze and interpret how major works of literature have influenced some of the most successful works of modern pop-culture art from The Beatles to Stephen King, to emphasize the importance and influence of classical literature on modern society. (English or Elective Credit)**Reading 1**# 1100 9<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Teacher Placement**Course Description:** 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 1**# 1503 9<sup>th</sup>-12<sup>th</sup> .5 credit 4.0**Prerequisite(s):** Good writing skills**Course Description:** 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 writing and the basic principles of newspaper layout. Interested students who successfully complete this course can apply for newspaper staff. (Elective credit)**Advanced Journalism: Newspaper Production I, II, III, IV**

# 1510 First year 1 credit 4.0

# 1520 Second year 1 credit 4.0

# 1530 Third year 1 credit 4.0

# 1540 Fourth year 1 credit 4.0

**Prerequisite(s):** Journalism 1, must apply**Course Description:** Focuses on production of the school newspaper. Requires ability to assume responsibility, meet deadlines, and work independently on projects that require time outside of school. Students produce all elements of the newspaper, including photos, stories, and design, using InDesign, Photoshop, and digital photography. After their first year, juniors and seniors in editor positions are eligible for honors contracts. (Elective credit)**Advanced Journalism: Yearbook Production I, II, III, IV**

# 1610 First year 1 credit 4.0

# 1620 Second year 1 credit 4.0

# 1630 Third year 1 credit 4.0

# 1640 Fourth year 1 credit 4.0

**Prerequisite(s):** Must apply**Course Description:** Focuses on production and marketing of the school yearbook. Requires ability to assume responsibility, meet deadlines, and work independently on projects that require time outside of school. Students produce all elements of yearbook pages, including photos, stories, captions, and layout, using InDesign, Photoshop, and digital photography. After their

first year, juniors and seniors in editor positions are eligible for honors contracts. (Elective credit)

**Communication Applications**# 1813 9<sup>th</sup>-12<sup>th</sup> .5 credit 4.0**Prerequisite(s):** None**Course Description:** Beginning-level course introduces students to principles of effective communication. Students will gain confidence and develop communication skills through a variety of interpersonal communication activities and oral presentations. Course curriculum will also include listening strategies, non-verbal communication, group dynamics and problem-solving, and conflict negotiation, as well as essential elements of effective professional communication. (Elective credit)**Debate 1/Communication Applications**# 1820 9<sup>th</sup>-12<sup>th</sup> 1-1.5 credits 4.0**Prerequisite(s):** None**Course Description:** Full-year course will enable student to earn 1 credit for Debate I 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 Honors, Debate III Honors, Debate IV Honors**

# 1840H First year 1 credit 5.0

# 1850H Second year 1 credit 5.0

# 1930H Third year 1 credit 5.0

**Prerequisite(s):** Debate 1, Teacher approval**Course Description:** 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 9<sup>th</sup>-12<sup>th</sup> 1-1.5 credits 4.0**Prerequisite(s):** None**Course Description:** 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. Whether the purpose is to inform, persuade, or entertain, this course will help students become more effective, confident and dynamic speakers. 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 oratorics, 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 Honors, III Honors

# 1910 10<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

# 1920 10<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Oral Interpretation I, Debate I or Debate II Honors and Teacher approval

**Course Description:** 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

### Mathematics Courses

#### Algebra 1

# 2210 9<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Grade 8 math or its equivalent

**Course Description:** Covers the topics of variables and 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. Passing the Algebra 1 End of Course exam is required for graduation. (Math credit)

#### Algebra 1 Pre-AP

# 2230 9<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Teacher recommendation, 95 or higher in 8<sup>th</sup> grade math

**Course Description:** 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 1 students and will be expected to do more work outside of the math classroom. This course covers the Texas Essential Knowledge and Skills for Algebra 1 with extensions that require higher order thinking skills. . Passing the Algebra 1 End of Course exam is required for graduation. (Math credit)

#### Geometry

# 2410 9<sup>th</sup>-11<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** 75 or higher in Alg 1, passed Alg 1 EOC

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

#### Geometry Flipped

# 2410F 9<sup>th</sup>-11<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** 75 or higher in Alg 1, teacher recommendation, **internet access outside of school**

**Course Description:** In this geometry course, technology will be used as a learning tool. Many lessons will use the flipped classroom model of teaching in which a student's homework is to learn material before class by viewing an online video. Class time is spent on inquiry-based learning which includes the traditional student homework assignment. The same TEKS will be covered as in the regular geometry course. **The ability to have internet access outside of school is essential to enroll in this course.** (Math credit)

### Geometry Pre-AP

# 2420 9<sup>th</sup>-10<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** 85 or higher in Pre-AP Alg 1, teacher recommendation

**Course Description:** Introduction and basics of plane, solid, spherical, and coordinate geometry. Stresses 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 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Algebra 1

**Course Description:** Students will build on the knowledge and skills for mathematics previously presented in Middle School Math and 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. (Math credit)

### Algebra II

# 2510 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Alg 1, 80 or above in Geometry

**Course Description:** 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. Graphing calculator is recommended for this course. (Math credit)

### Algebra II Pre-AP

# 2520 10<sup>th</sup>-11<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** 85 or above in Algebra 1 Pre-AP, 85 or above in Geometry Pre-AP and teacher recommendation

**Course Description:** 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-AP Pre-calculus the following year. Graphing calculator is recommended for this course. (Math credit)

### Math in Agriculture

# 2584 11<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Intro to AFNR, Algebra 2 and/or Counselor recommendation

**Course Description:** 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. (Math credit)

### Data Analysis

# 2540      11<sup>th</sup>-12<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** Algebra 2

**Course Description:** 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. In addition, students will extend their knowledge of data analysis. Graphing calculator is highly recommended for this course. (Math credit)

### Pre-Calculus

# 2600      11<sup>th</sup>-12<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** 80 or above in Algebra 2

**Course Description:** This course is designed for students who are not considering careers in mathematical or scientific fields of study. 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. This course should be effective in preparing students for taking a basic College Algebra course. Graphing calculator is recommended for this course. (Math credit)

### Pre-Calculus Pre-AP

# 2610      11<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** Alg 1, Geometry, 95 or above in Alg 2 or 85 or above in Alg 2 Pre-AP and Teacher recommendation

**Course Description:** Academically rigorous course requiring daily preparation. Students enrolled in Pre-Calculus 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. Graphing calculator is recommended for this course. (Math credit)

### AP Statistics

# 2630      11<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** 95 or above in Algebra 2 or completion of Algebra 2 Pre-AP

**Course Description:** 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. Graphing calculator is required for this course. (Math credit)

Fee: AP National Exam, optional

### AP Calculus AB

# 2810      12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** 80 or above in Pre-Cal Pre-AP and teacher recommendation

**Course Description:** 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

### AP Calculus BC

# 2820      12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** 95 or above in Pre-Cal Pre-AP and teacher recommendation

**Course Description:** 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 careers in the engineering sciences or computer sciences at the university level. Students may earn up to two semesters of college credit with qualifying AP scores. Graphing calculator is required for this course. (Math credit)

Fee: AP National Exam, optional

## Science Courses

### Biology

#3210      9<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** None

**Course Description:** 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.

\*\*Biology students must pass the Biology EOC before entering Chemistry or Physics. \*\* (Science credit)

### Biology Pre-AP

# 3220      9<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** Algebra 1 Pre-AP, 90 or above average in current science class and teacher recommendation

**Course Description:** Covers the study of cell function, systematic approach to organisms, principles of heredity, taxonomy, ecological principles, and an introduction to botany. Focuses on skills such as process thinking development and problem solving by using hands-on activities. Designed to prepare students for advanced study in biological sciences.

\*\*Biology students must pass the Biology EOC before entering Chemistry or Physics. \*\* (Science credit)

### Biology II AP

# 2230      11<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** 90 or above in Pre-AP Biology 1 and Pre-AP Chemistry

**Course Description:** Advanced course in modern biological principles. Additional outside reading required. May earn one year of credit for college biology with qualifying AP exam score. Should be taken concurrently with or after the completion of a physics course. (Science credit)

Fee: \$15 Lab Notebook required, AP National Exam, optional

### Integrated Physics and Chemistry (IPC)

# 3110      10<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** Biology

**Course Description:** Laboratory-oriented study of metric system, measurement, nature of matter, physical and chemical changes, nuclear changes, motion and machines, electricity and magnetism, wave motion, light, and sound.

\*NOTE: Students who do not pass the Biology EOC will be placed in IPC. (Science credit)

## Chemistry

# 3410            10<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** passed Bio EOC, Biology

**Course Description:** Laboratory-oriented course which emphasizes theoretical foundations of chemistry and development of skills in manipulation, acquisition, classification, and communication of data. (Science credit)

Fee: \$5 goggles

## Chemistry Pre-AP

# 3420            10<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** Algebra 2 or concurrent enrollment, a 90 or above in current science class

**Course Description:** Includes Chemistry I concepts, faster pace, homework assigned regularly, extra units, and more in-depth study to prepare for AP course. (Science credit)

Fee: \$5 goggles

## Chemistry II AP

# 3430            11<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** 95 or above in Chemistry 1 or 90 or above in Chemistry 1 Pre-AP and Algebra 2

**Course Description:** Laboratory-oriented course in modern chemical principles including descriptive, mathematical, and theoretical topics. Goggles are required for labs and may be purchased, if needed. May earn credit for one year of college chemistry with qualifying AP exam score. Should be taken concurrently with or after completion of a physics course. (Science credit)

Fee: \$15 Lab Notebook required, \$5 goggles optional, AP National Exam, optional

## Physics: Principals of Technology

# 3510            11<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** 2 years of science and teacher recommendation

**Course Description:** This class uses a unique approach to the concepts of Physics. Students study the four energy systems through the use of technology and hands-on activities. (Science credit)

## Physics I

# 3610            11<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** Biology, Algebra 2 or concurrent enrollment

**Course Description:** Laboratory-oriented course emphasizes theoretical concepts of physics and development of skills in manipulation, acquisition, classification, and communication of data, pertaining to motion, heat, electricity, magnetism, sound, light, and nuclear energy. (Science credit)

## AP Physics I

# 3650            10<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** Pre-Cal or concurrent enrollment

**Course Description:** Strong mathematical principles. Topics include mechanics, electricity, and sound. Laboratory experiences are analytically based and relate directly to current classroom topics. For students intending to pursue careers in the physical sciences, technical sciences, engineering sciences, or pre-med at the university level. Students may earn a semester of college credit with qualifying AP scores. Most students should take immediately following completion of Chemistry or Pre-AP Chemistry. (Science credit)

Fee: AP National Exam, optional

## AP Physics 2

# 3644            11<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** AP Physics 1, Pre-Cal or AP Stat and teacher recommendation

**Course Description:** The Physics 2 course is designed to provide a foundation in Physics for students in the life science, pre-medicine, and some applied sciences as well as other fields not directly related to science. Topics of study include fluids, thermodynamics, electromagnetism, and modern Physics. Students may earn a semester of college credit with qualifying AP scores. (Science credit)

Fee: \$2 Lab Notebook required, AP National Exam, optional

## AP Physics C

# 3630            11<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** AP Physics 1 credit, teacher enrollment, strongly encourage concurrent enrollment in BC Calculus

**Course Description:** This class is for students planning to specialize in a physical science or in engineering. In this class, roughly one semester is devoted to mechanics. The second semester is devoted to electricity and magnetism. Use of calculus in problem solving and in derivations is expected to increase as the course progresses. Therefore, it is strongly recommended that students have BC Calculus credit or are concurrently enrolled in BC Calculus. Students may earn up to two semesters of college credit with qualifying AP scores. (Science credit)

Fee: \$15 Lab Notebook required, AP National Exam, Optional

## Human Anatomy & Physiology

# 3810            11<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** Biology and Chemistry

**Course Description:** Comprehensive study of anatomy and physiology of the human body. An overview of histology, general anatomical terminology, and detailed investigation of all body systems. Major mammalian dissection included. (Science credit)

## Anatomy & Physiology of Human Systems Honors

# 3820            11<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** Pre-AP Biology and Pre-AP Chemistry

**Course Description:** Comprehensive study of Anatomy and Physiology with emphasis on histology, terminology, and investigative applications. Major mammalian dissection and numerous disorders/diseases reviewed. (Science credit)

## Aquatic Science (AMCHS only)

# 3710            11<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** Successful completion of 2 of the following courses – Biology, Chemistry and Physics (may be co-enrolled)

**Course Description:** Comprehensive study of aquatic systems. A study of the unique opportunities for life posed by the aquatic environment, a survey of the major groups of aquatic organisms, and an examination of their roles in aquatic communities. Students will be able to recognize on sight important aquatic organisms, explore some of the unique environmental problems dealing with aquatic environments, and examine relationships among aquatic habitats. Students learn cycles in aquatic environments, aquaculture for fun and profit, and watershed studies. (Science credit)

**Environmental Systems (CSHS only)**# 3720 11<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Biology, Chemistry

**Course Description:** Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include 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, relationships between carrying capacity and changes in populations and ecosystems, and changes in environments. This is a project-based course. (Science credit)

**Biotechnology Honors**# 3830 12<sup>th</sup> 1 credit 5.0**Prerequisite(s):** Biology, Chemistry, Physics

**Course Descriptions:** An introduction to biotechnology including career exploration, history and applications of DNA/RNA technology, molecular biology, bioethics, laboratory operations, management, equipment, instrumentation, quality control techniques, and laboratory safety practices. Laboratory practice includes using pH meters, mixing buffers, DNA isolation and extraction, performing measurements, preparing solutions, and performing separatory techniques to specifications. \**Technical Dual Credit at CSHS (see page 9)*. (Science Credit)

Fee: \$15 Lab Notebook Required

**Astronomy**# 3850 11<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Biology, Chemistry, Algebra 2 (concurrent)

**Course Description:** Comprehensive study of astronomical topics including, but not limited to The History of Astronomy, Scientific Thinking and the Scientific Method, the Sky, the Earth-Moon-Sun system, Light and Telescopes, Our Solar System, the Sun, Basic Properties of Stars, Star Formation and Stellar Evolution, Neutron Stars and Black Holes, and Galaxies. (Science Credit or Elective credit)

**Advanced Animal Science (AMCHS only)**# 6054 12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Introduction to Ag, Food & Nat Resources recommended, Equine Science, Small Animal Management

**Course Description:** 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)

**Social Studies Courses****World History**# 4100 9<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** None

**Course Description:** Covers history and development of a variety of world civilizations past and present. Provides a basis for comparison of various ways of life and cultural patterns and an understanding of the way these patterns occurred over time. 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)

**World History Honors**# 4110 9<sup>th</sup>-12<sup>th</sup> 1 credit 5.0**Prerequisite(s):** Teacher recommendation

**Course Description:** Gives students an overview of development and history of a variety of world cultures past and present. Provides basis for comparison of diverse ways of life and cultural patterns and an understanding of the way these patterns occurred over time. 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. Students must meet the high expectations of this Honors Course by demonstrating mastery of the course objectives. Close reading of the textbook, class participation, collaboration, as well as application of knowledge and completion of projects will be required. (Social Studies credit)

**AP World History**# 4150 9<sup>th</sup>-12<sup>th</sup> 1 credit 5.0**Prerequisite(s):** Teacher recommendation

**Course Description:** AP World History is a rigorous college level course designed to explore human history from 8000 B.C.E. to the present and to develop a greater understanding of the evolution of global processes and interactions among different types of human societies over the centuries. Readings include a college-level world history textbook, diverse primary sources, and secondary sources by historians and scholars interpreting the past. The course provides opportunities for students to demonstrate command of course themes and key concepts through activities and assignments where students use their knowledge of detailed and specific relevant historical developments and processes including names, chronology, facts, and events. The course provides balanced global coverage, with Africa, the Americas, Asia, Oceania and Australia, and Europe all represented and provides opportunities for students to develop coherent written arguments that have a thesis supported by relevant historical evidence. A special emphasis will be given to preparation for the National AP Exam, including historical writing through essay and document-based questions (DBQs) as well as objective evaluations. (Social Studies credit)

Fee: AP National Exam, optional

**World Geography**# 4120 9<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** None**Course Description:** Provides 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)**World Geography Honors**# 4130 9<sup>th</sup>-12<sup>th</sup> 1 credit 5.0**Prerequisite(s):** Teacher recommendation**Course Description:** Provides an exploration of our world and human relationships. Students use higher order thinking skills to ask geographic questions, research and present geographic data, and make generalizations based on this data. As they become culturally aware of the world's inhabitants, students formulate opinions and make judgments and recommendations. Course incorporates a variety of cooperative and individual learning experiences. (Social Studies credit)**AP Human Geography**# 4140 9<sup>th</sup>-12<sup>th</sup> 1 credit 5.0**Prerequisite(s):** Co-enrollment in English 1 Pre-AP recommended and teacher approval**Course Description:** Provides students with analytical skills and factual knowledge about Human Geography. Covers TEKS for World Geography at 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. Preparation for AP test included. Students who score well on the national exams may place out of three college credit hours. (Social Studies credit)  
Fee: AP National Exam, optional**U. S. History**#4210 11<sup>th</sup> 1 credit 4.0**Prerequisite(s):** none**Course Description:** Incorporates 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. Two projects per semester will be required. (Social Studies credit)**U. S. History Honors**# 4220 11<sup>th</sup> 1 credit 5.0**Prerequisite(s):** teacher recommendation**Course Description:** Enhances students' ability to look critically at historical sources. By examining facts and viewpoints, students learn to evaluate evidence, analyze reasoning, and see underlying assumptions. Additional opportunities for role-playing, simulations, and independent research will be provided. Course will briefly review Revolutionary and Civil War eras but will focus on Reconstruction to the present. A summer assignment is required. (Social Studies credit)**U. S. History AP**# 4230 11<sup>th</sup> 1 credit 5.0**Prerequisite(s):** Pre-AP/AP English highly recommended and teacher approval**Course Description:** Designed to provide students with analytical skills and factual knowledge necessary to deal critically with concepts in United States history, from discovery to settlement of the New World to the present. This course prepares students for intermediate and advanced college level courses by making demands upon them equivalent to those made by full-year introductory college courses. Students learn to assess historical material, to weigh evidence and interpretations presented in historical scholarship, to analyze primary sources, to take notes, and to write essay responses and analytical and research essays. Mastery on the AP test enables students to place out of three to six college credit hours. This course is reading and writing intensive. A summer assignment is required. (Social Studies credit)

Fee: AP National Exam, optional

**U. S. Government (Fall or Spring)**# 4313 11<sup>th</sup>-12<sup>th</sup> .5 credit 4.0**Prerequisite(s):** US History and Geography or World History**Course Description:** Examines 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)**U. S. Government Honors**# 4303 11<sup>th</sup>-12<sup>th</sup> .5 credit 5.0**Prerequisite(s):** US History and Geography or World History and Teacher approval**Course Description:** Gives students a perspective on government and politics in the United States. Includes both the study of general concepts used to interpret U.S. politics and the analysis of specific contemporary examples. It also requires students to familiarize themselves with various institutions, groups, beliefs, and ideas that constitute our political system. 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. Students must meet the high expectations of this honors course and demonstrate mastery of the course objectives. This involves close reading of the text, class participation, collaboration, acquisition of knowledge, and application of current world events and history. Projects required. (Social studies credit)**U. S. Government and Politics AP**# 4321 11<sup>th</sup>-12<sup>th</sup> .5 credit 5.0**Prerequisite(s):** US History and Geography or World History and Teacher approval**Course Description:** Includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. Requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Topics presented include Constitutional Underpinnings of U.S. Government, Political Beliefs and Behaviors, Political Parties, Interest Groups and Mass Media,

Institutions of National Government, Public Policy, Civil Rights and Civil Liberties. 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. (Social Studies credit)

Fee: AP National Exam, optional

### **U. S. Government Dual Enrollment/ Blinn American Government**

# 4323            11<sup>th</sup>-12<sup>th</sup>            .5 credit            4.0

**Prerequisite(s):** Acceptable TSI scores or the ability to exempt TSI; student and parent must sign contract for class; Senior standing & teacher approval

**Course Description:** 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

### **Online Government**

# 4313OL            11<sup>th</sup>-12<sup>th</sup>            .5 credit            4.0

**Prerequisite(s):** US History and Geography or World History

**Course Description:** Online Government incorporates all the same elements and curriculum of our regular government class but is presented via on-line lessons, discussion, and quizzes. Students must have access to a computer and internet. Students will be required to attend a preliminary orientation and take exams and other major assessments at school. (Social Studies credit)

### **Economics**

# 4333            11<sup>th</sup>-12<sup>th</sup>            .5 credit            4.0

**Prerequisite(s):** US History and Geography or World History

**Course Description:** Provides general understanding of U.S. Economic activities; 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. Six-week project required. (Social Studies credit)

### **Economics Honors**

# 4343            11<sup>th</sup>-12<sup>th</sup>            .5 credit            4.0

**Prerequisite(s):** US History and Geography or World History and Teacher Approval

**Course Description:** Consists of concepts included in Economics, listed above, as well as financial stability for the individual. Intensive projects covering a variety of economic activity are required for this class. (Social Studies class)

### **AP Microeconomics**

# 4363            11<sup>th</sup>-12<sup>th</sup>            .5 credit            4.0

**Prerequisite(s):** US History and Geography or World History, teacher approval

**Course Description:** AP Microeconomics looks at the decision-making power of the individual and their impact on the economy. Strong math skills are encouraged, although not required for this class. This class will prepare students for the Microeconomics AP Exam. AP Microeconomics meets state economics credit for graduation. (Social Studies credit)

Fee: Workbook fee may be required; AP National Exam, optional

### **Economics Dual Enrollment/Blinn Principals of Economics**

# 4353            11<sup>th</sup>-12<sup>th</sup>            .5 credit            4.0

**Prerequisite(s):** Acceptable TSI scores or the ability to exempt TSI; student and parent must sign contract for class; Senior standing & teacher approval

**Course Description:** 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

### **Online Economics**

# 4333OL            11<sup>th</sup>-12<sup>th</sup>            .5 credit            4.0

**Prerequisite(s):** US History and Geography or World History

**Course Description:** Online economics incorporates all the same elements and curriculum of our regular economics class but is presented via on-line lessons, discussion, and quizzes. Students must have access to a computer and internet. Students will be required to attend a preliminary orientation and take exams and other major assessments at school. (Social Studies credit)

### **Sociology**

# 4613            9<sup>th</sup>-12<sup>th</sup>            .5 credit            4.0

**Prerequisite(s):** none

**Course Description:** 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            11<sup>th</sup>-12<sup>th</sup>            .5 credit            4.0

**Prerequisite(s):** Junior or Senior in standing

**Course Description:** Provides an explanation of how humans behave and their mental processes. Includes the history of psychology as well as new concepts in sleep, dreaming, memory, the brain, intelligence, and psychological disorders.

\*Students may not take both Psychology and AP Psychology. (Elective Credit)

### **AP Psychology**

# 4530            11<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** Social Studies teacher recommendation

**Course Description:** This course will introduce students to the systematic study of behavior and mental processes. Students are introduced to the scientific method as applied in behavioral



sciences. 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. A student who scores well on the AP test may place out of three college credit hours. (Elective Credit)

Fee: AP National Exam, optional

### Personal Financial Literacy

# 4623            10<sup>th</sup>-12<sup>th</sup>            .5 credit            4.0

**Prerequisite(s):** none

**Course Description:** Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. 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)

## Languages Other Than English

### French

# 7010            9<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** none

**Course Description:** 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            9<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** French I or approval

**Course Description:** 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 Honors

# 7030            9<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** French I and teacher recommendation

**Course Description:** 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 student for French III Pre-AP. (LOTE credit)

### French III Pre-AP

# 7040            10<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** French II Honors or approval

**Course Description:** 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            10<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** French III or approval

**Course Description:** 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

# 7110            9<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** none

**Course Description:** 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            9<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** German I or approval

**Course Description:** 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 Honors

# 7130            9<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** German I and Teacher Recommendation

**Course Description:** 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.

### German III Pre-AP

# 7140            9<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** German II Honors or approval

**Course Description:** 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            9<sup>th</sup>-12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** German III or approval

**Course Description:** 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

### Latin I

# 7310            9<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** none

**Course Description:** Introduction to language and culture with emphasis on reading, translation, and grammar skills. Training

in accuracy, application, memory, and reasoning. Emphasis is also placed on the history and culture of the Roman people. (LOTE credit)

### Latin II

# 7320 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Latin I or approval

**Course Description:** Latin II is for students who will not progress to Latin III PAP. The vocabulary will be presented in thematic units and English word derivation from Latin will be emphasized. This course will do a thorough review of Latin I grammar before adding more concepts. Mythology will be used to enrich English vocabulary and to expose students to stories from Classical Mythology. (LOTE credit)

### Latin II Honors

# 7320 10<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Latin I and teacher recommendation

**Course Description:** Further development of grammar and vocabulary and culturally based readings for students who will take Latin III Pre-AP. (LOTE credit)

### Latin III Pre-AP

# 7340 11<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Latin II Honors or approval

**Course Description:** Readings from Roman authors. Further development of grammar and vocabulary and culturally based readings. (LOTE credit)

### Latin IV AP

# 7350 12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Latin III

**Course Description:** AP Latin will focus on the works of Vergil and Caesar. The students will read and translate poetry and prose, analyze literary texts in written argument, and practice sight reading. Students will relate Latin texts to Roman historical, cultural, and literary contexts. The objectives include reading and comprehension, translation, contextualization, and analysis of texts. (LOTE credit)

Fee: AP National Exam, optional

### Spanish I

# 7210 9<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** None

**Course Description:** 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 for Heritage Speakers

# 7240 9<sup>th</sup>-12<sup>th</sup> 2 credits 4.0

**Prerequisite(s):** Heritage/Native speaker and teacher recommendation

**Course Description:** 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)

### Spanish II

# 7220 9<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Spanish I

**Course Description:** 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)

### Project Based Spanish II

# 7220PB 9<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Spanish I

**Course Description:** This class is an alternative approach to Spanish 2, based on accessing the language through projects and demonstrations. Grammar and vocabulary will be presented and assessed through thematic units centered on common conversational context. Students will exhibit in tangible ways that they are able to communicate on a basic level in the target language. Course content will come from current district curriculum and align with foreign language standards. This course will not serve as a prerequisite for any higher-level Spanish courses offered in the district. (LOTE credit)

### Spanish II Honors

# 7230 9<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** 90 or above in Spanish I and teacher recommendation

**Course Description:** This course is intended to prepare students for Spanish III Pre-AP. 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 Pre-AP

# 7250 9<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Spanish II Honors or teacher recommendation

**Course Description:** 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 9<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Spanish III or teacher approval

**Course Description:** 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 9<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Spanish IV or teacher approval

**Course Description:** 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

### **Mandarin Chinese I (Online)**

# 7410            9<sup>th</sup>-11<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** none

**Course Description:** This course will provide an introduction to the Mandarin Chinese language. Students will learn pronunciation, acquire vocabulary sufficient for simple conversations, and gain an understanding of the historical and cultural background of the Chinese-speaking world. This course is an online learning experience in which students interact with a teacher online. This requires the student to be disciplined, with a commitment to additional study time outside the school day. This is the first year of a minimum two-year sequence for college preparatory students. (LOTE credit)

### **Mandarin Chinese II (Online)**

# 7420            10<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** Mandarin Chinese I

**Course Description:** Students continue to develop proficiency on all four language skills: listening, speaking, reading, and writing, with emphasis on the ability to communicate orally. Students will participate in dialogues about familiar situations, using more complex sentences and grammatical patterns. Familiar materials will be read, and short, directed compositions will be written. Students will focus on the study and mastery of extensive vocabulary. This course is an online learning experience with students interacting with a teacher online. This requires the student to be disciplined, with a commitment to additional study time outside the school day. This is the second year of a minimum two-year sequence for college preparatory students. (LOTE credit)

## **Fine Arts Courses**

*Note: Fine Arts courses are available for Honors Credit in Band, Choir and Orchestra. Only 11th and 12th grade students who are enrolled in their 3rd or 4th year of a Fine Arts course sequence may apply. Students must complete the 1<sup>st</sup> and 2<sup>nd</sup> year of classes to be eligible. Additional requirements of each discipline, which include individual competitions, written assignments, and other performance-oriented evaluations, must be completed. Approval to be enrolled for Honors must be given by the teacher of that class.*

### **Art I**

# 8010            9<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** None

**Course Description:** 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            10<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** B average in Art 1 and Teacher Recommendation

**Course Descriptions:** 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            11<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** B average in Drawing I and art teacher recommendation

**Course Description:** 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            10<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** B average in Art 1 and Teacher Recommendation

**Course Description:** 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 in order to help develop a full and enriching sculptural experience. This advanced 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            11<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** B average in Sculpture I and teacher recommendation

**Course Description:** 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 advanced course requires self-direction, self-motivation, and the ability to produce original work. (Fine Arts Credit or Elective Credit)

Fee: \$35 Supplies (some personal expenses to be expected)

### **Art II – Painting I**

# 8020            10<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** B average in Art 1 and art teacher recommendation

**Course Description:** Students will expand their exploration of the elements and principles of design with regards to creative painting solutions. This advanced 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            11<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** B average in Painting I and art teacher recommendation

**Course Description:** Students will use a more rigorous exploration of the elements and principles of design with

regards to painting solutions and individual style. This advanced 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 Pre-AP

# 8054      11<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** Art 1, Art 2 and teacher Approval

**Course Description:** 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 Breadth section of their portfolio. (Fine Arts Credit or Elective Credit)

Fee: \$25 Supplies (some personal expenses to be expected)

### AP Studio Art: Drawing

# 8070      11<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** at least 2 years of high school art and art teacher recommendation

**Course Description:** 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 Principals of Design to find aesthetically meaningful solutions to drawing problems. At the end of the year, the students are strongly encouraged to submit approximately thirty pieces of art work to 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      11<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** At least 2 years of high school art and art teacher recommendation.

**Course Description:** 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 Principals of Design. At the end of the year, the students are strongly encouraged to submit approximately thirty pieces of art work to 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      11<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** At least 2 years of high school art and an art teacher recommendation

**Course Description:** Designed for the more serious art student. This is a college-level Advanced Placement course. The student will complete a portfolio of works that demonstrates breadth, concentration, and quality within a body of 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 approximately twenty pieces of art work to 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      11<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** Advanced English or Social Studies Course

**Course Description:** 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

# 5200      9<sup>th</sup>-12<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** None

**Course Description:** 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. (Fine Arts Credit)

### Dance II, III, IV

# 5204      Second Year      1 credit      4.0

5210      Third Year      1 credit      4.0

# 5214      Fourth Year      1 credit      4.0

**Prerequisite(s):** Credit for previous level of Dance is required and teacher recommendation

**Course Description:** Continuation of Dance I skills and activities done at a higher level and faster pace. 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)

### Drill Team/Advanced Dance I, II, III, IV

# 5230      First Year      1 credit      4.0

# 5234      Second Year      1 credit      4.0

# 5240      Third Year      1 credit      4.0

# 5244      Fourth Year      1 credit      4.0

**Prerequisite(s):** Audition, Director Approval

**Description:** 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

# 5220      9<sup>th</sup>-10<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** None

**Course Description:** This class studies 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, as well as emphasis on skills used on a dance/drill team. (Fine Arts Credit or Elective Credit)

### Color Guard I, II, III, IV

# 8560	First Year	1 credit	4.0
# 8564	Second Year	1 credit	4.0
# 8570	Third Year	1 credit	4.0
# 8574	Fourth Year	1 credit	4.0

**Prerequisite(s):** Audition; director approval

**Course Description:** 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	9 <sup>th</sup> -12 <sup>th</sup>	1 credit	4.0
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**Prerequisites:** None

**Course Description:** 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 explore not only their own selves, but also characters portrayed in popular dramas. 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)

Fee: \$10 Supplies

### Theatre Arts II, III, IV

# 8120	Second Year	1 credit	4.0
# 8130	Third Year	1 credit	4.0
# 8140	Fourth Year	1 credit	4.0

**Prerequisite(s):** credit for previous level of Theatre Arts

**Course Description:** 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. Honors credit is available in Levels III and IV for juniors and seniors who have completed levels I and II. Completion of extra work and hours as contracted with the director will be required for honors credit. (Fine Arts Credit or Elective Credit)

### Improvisational Theatre

# 8104	10 <sup>th</sup> -12 <sup>th</sup>	1 credit	4.0
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**Prerequisite(s):** none

**Course Description:** 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)

### Theatre Production I

# 8090	10 <sup>th</sup> -12 <sup>th</sup>	1 credit	4.0
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**Prerequisite(s):** Theater Arts I OR Improvisational Theater OR Theater and Media Communication AND Audition

**Course Description:** 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

# 8100	11 <sup>th</sup> -12 <sup>th</sup>	1 credit	4.0
# 8180	11 <sup>th</sup> -11 <sup>th</sup>	1 credit	4.0

**Prerequisite(s):** Theater Production I & Audition

**Course Description:** 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

# 8150	First Year	1 credit	4.0
# 8160	Second Year	1 credit	4.0
# 8170	Third Year	1 credit	4.0

**Prerequisite(s):** None for Tech Theater I; credit for previous level of Tech Theatre is required for Levels II and III

**Course Description:** 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 back stage organization.

Level II & III will include an advanced study of all areas of Technical Theater. (Fine Arts Credit or Elective Credit)

**Technical Theatre II: Theatrical Design**# 8154 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Technical Theatre I

**Course Description:** 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: \$10 Supplies

**Choir**

*(Note: participation in all choirs is subject to instructor placement determined by audition. Attendance is required at all rehearsals and performances, including UIL events, concerts, and community performances. Individual participation in All Region auditions, solo/ensemble events, etc. is encouraged. Supply fees are required. Not all choir courses are offered at all campuses. Course availability is determined by the number of students auditioning for each voice part, or by decisions made by campus leadership.)*

**Chorale I, II, III, IV (Mixed)**

# 8240	First Year	1 credit	4.0
# 8250	Second Year	1 credit	4.0
# 8260	Third Year	1 credit	4.0
# 8270	Fourth Year	1 credit	4.0

**Prerequisite(s):** Audition

**Course Description:** 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. Honors credit is available to juniors and seniors in Levels III and IV who have completed levels I and II. Honors credit requires completion of the Honors Choir program as contracted with the director. (Fine Arts Credit or Elective Credit)

Fee: \$65

**Men's Chorus I, II, III, IV**

# 8210	First Year	1 credit	4.0
# 8214	Second Year	1 credit	4.0
# 8220	Third Year	1 credit	4.0
# 8224	Fourth Year	1 credit	4.0

**Prerequisite(s):** None

**Course Description:** 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: \$65

**Concert Treble Choir I, II**# 8310 9<sup>th</sup>-12<sup>th</sup> 1 credit 4.0# 8320 9<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** None

**Course Description:** 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: \$65

**Concert Treble Choir III, IV**# 8330 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0# 8340 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Audition

**Course Description:** 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. Honors credit is available in Levels III and IV for juniors and seniors who have completed levels I and II. Honors credit requires completion of Honors Choir program as contracted with the director. (Fine Arts Credit or Elective Credit)

Fee: \$65

**Choir Vocal Ensemble I, II, III, IV**

# 8350 First Year 1 credit 4.0

8360 Second Year 1 credit 4.0

8370 Third Year 1 credit 4.0

8380 Fourth Year 1 credit 4.0

**Prerequisite(s):** Audition

**Course Description:** 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: \$65

**Band I, II, III, IV**

# 8450 First Year 1 credit 4.0

# 8460 Second Year 1 credit 4.0

# 8470 Third Year 1 credit 4.0

# 8480 Fourth Year 1 credit 4.0

**Prerequisite(s):** 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.

**Course Description:** 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 (still limited by U.I.L. to no more than eight hours of practice per week). Student attendance is required for all performances and rehearsals. Summer marching band

practice is also required. Honors credit is available in Levels III and IV for juniors and seniors who have completed levels I and II. Completion of extra work and hours as contracted with the director will be 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: \$100 Instrument Fee, other fees will apply

### Jazz Ensemble I, II, III, IV (CSHS only)

# 8610	First Year	1 credit	4.0
# 8620	Second Year	1 credit	4.0
# 8630	Third Year	1 credit	4.0
# 8640	Fourth Year	1 credit	4.0

**Prerequisite(s):** Audition

**Course Description:** 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). Honors credit is available in Levels III and IV for juniors and seniors who have completed levels I and II. Completion of extra work and hours as contracted with the director will be required. (Fine Arts Credit or Elective Credit)

Fee: some fees will apply, students should maintain their instruments

### Orchestra I, II, III, IV

# 8710	First Year	1 credit	4.0
# 8720	Second Year	1 credit	4.0
# 8730	Third Year	1 credit	4.0
# 8740	Fourth Year	1 credit	4.0

**Prerequisite(s):** Participation in all orchestras is subject to instructor placement and determined by audition and past performance.

**Course Description:** 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. Honors credit is available in Levels III and IV for juniors and seniors who have completed levels I and II. Completion of extra work and hours by audition for Region, participation in Solo/Ensemble, and possible Programmed Theory Course as contracted with the director will be required. (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: \$100 Instrument, Supply and Travel Fee

## Health and PE Courses

*\*Activity PE classes (numbers 5061-5192) can only be taken one semester and cannot be repeated.*

### Individual Sports

# 5051 Fall	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0
# 5052 Spring	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0

**Prerequisite(s):** none

**Course Description:** Students in Individual Sports are expected to participate in a wide range of individual sports that can be pursued for a lifetime. Individual sports include but are not limited to Golf, Archery, Tennis, and Badminton. (PE Credit or Elective Credit)

Fee: \$6 Uniform Fee

### Team Sports

# 5121 Fall	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0
# 5122 Spring	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0

**Prerequisite(s):** none

**Course Description:** Students will participate in lifetime activities within a competitive intramural and fitness class format. Students will become proficient in the skills required for each sport and will actively engage in drills, performance, and competition with each sport. (PE Credit or Elective Credit)

Fee: \$6 Uniform Fee

### Girls Body Sculpting

# 5131F Fall	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0
# 5132F Spring	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0

**Prerequisite(s):** Girls only

**Course Description:** Bodybuilding through weight training, conditioning, and nutrition concepts that contribute to total fitness for life. (PE Credit or Elective Credit)

Fee: \$6 Uniform Fee

### Boot Camp

# 5081 Fall	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0
# 5082 Spring	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0

**Prerequisite(s):** none

**Course Description:** This is an individual sport in a team format. Throughout the semester, students will chart their improvements in flexibility, speed, muscular strength and endurance, and overall fitness. This is for students who want to work hard and are motivated and willing to challenge themselves. Activities will include speed workouts, strength and conditioning workouts, distance runs, plyometrics, and a variety of fitness activities. (PE Credit or Elective Credit)

Fee: \$6 Uniform Fee

### Boys Weight Training

# 5131M Fall	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0
# 5132M Spr	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0

**Prerequisite(s):** Boys only

**Course Description:** Weight training is a common type of strength training for developing the strength and size of skeletal muscles. It uses the force of gravity (in the form of weighted bars, dumbbells, or weight stacks) to oppose the force generated by muscle through concentric or eccentric contraction. A variety of specialized lifts are used to target specific muscle groups and types of movement. Students will lift weights 4 out of 5 days. (PE Credit or Elective Credit)

Fee: \$6 Uniform Fee

**Outdoor Education**

# 5061	Fall	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0
# 5062	Spr	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0

**Prerequisite(s):** none

**Course Description:** Students are expected to develop competency in outdoor activities that promote a physically active lifestyle and respect for the environment that can be enjoyed for a lifetime. Activities will include angling, archery, camping and orienteering/gps. (PE Credit or Elective Credit)  
 Fee: \$6 Uniform Fee

**Cheerleading**

Fall	Spring			
# 5251	# 5252	1 <sup>st</sup> year	.5 credit	4.0
# 5255	# 5256	2 <sup>nd</sup> year	.5 credit	4.0
# 5261	# 5262	3 <sup>rd</sup> year	1 credit	4.0
# 5265	# 5266	4 <sup>th</sup> year	.5 credit	4.0

**Prerequisite(s):** Tryout

**Course Description:** Cheerleaders are selected 100% by outside judges. They perform at various sports events and are a spirit squad. All applicants must have an 80 average for the first semester and must have UIL grade eligibility at the time of try-outs. Second, third, and fourth year cheer may be taken as a non-credit class.

Fees: will be discussed after student makes the team

**Fitness Training**

# 5111	Fall	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0
# 5112	Spring	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0

**Prerequisite(s):** none

**Course Description:** This class provides a serious workout for those who would like to get in better shape. Benefits include toning for the muscles, increased cardiovascular fitness, and increased flexibility. Class activities include HIIT training, circuit training, and weight training. This class promotes total body fitness and fun while you are getting there! (PE Credit or Elective Credit)

Fee: \$6 Uniform Fee

**Aerobic Walking**

# 5151	Fall	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0
# 5152	Spring	9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0

**Prerequisite(s):** none

**Course Description:** This class promotes the #1 lifetime activity of people in the United States. Students will learn how to improve their walking style for fitness and how to race walk. Students begin walking a mile and gradually progress up to 3 miles throughout the semester. Expect to walk every day with a variety of walking routes around the school. Track work will also be utilized to increase performance. (PE Credit or Elective Credit)

Fee: \$6 Uniform Fee

**Health**

# 5013		9 <sup>th</sup> -12 <sup>th</sup>	.5 credit	4.0
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**Prerequisite(s):** None

**Course Description:** This class emphasizes the decision-making process in dealing with the changes, choices and challenges involved in becoming a totally healthy, mature young adult. Topics include growth and development, nutrition, fitness, mental health, emotional health, drug misuse, environmental health, communicable diseases, non-communicable diseases, the life cycle, family life, emergency first aid, and cardiopulmonary resuscitation. (Elective Credit)

**Sports Medicine I**

# 5270		9 <sup>th</sup> -12 <sup>th</sup>	1 credit	4.0
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**Prerequisite(s):** None

**Course Description:** 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		10 <sup>th</sup> -12 <sup>th</sup>	1 credit	4.0
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**Prerequisite(s):** Sports Med I, Application, interview admission only

**Course Description:** 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)

**Athletic Trainer**

# 5284		10 <sup>th</sup>	1 credit	4.0
# 5180		11 <sup>th</sup>	1 credit	4.0
# 5184		12 <sup>th</sup>	1 credit	4.0

**Prerequisite(s)(s):** Sports Med I, Application, interview admission only

**Course Description:** This course prepares students in the science of injury prevention, treatment, and rehabilitation related to sports management. Students have opportunities to learn and improve concepts, skills and techniques necessary to be athletic trainers. Students build skills through classroom instruction and lab sessions, as well as practicum experiences with various athletic programs. After school hours required. (PE Credit or Elective Credit)



## Competitive Athletics

Four credits of Physical Education can be earned in competitive athletics. Second, third, and fourth year athletes may take athletics as a non-credit class. 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.

Course name		Course # 9 <sup>th</sup> grade	Course # 10 <sup>th</sup> grade	Course # 11 <sup>th</sup> grade	Course # 12 <sup>th</sup> grade	Course Description / Special Instructions
Girls Volleyball	Fall	5411V	5401	5391	5395	Mandatory practice before school starting in August.
	Spr	5412V	5402	5392	5396	
Boys Football	Fall	5511	5521	5531	5535	Mandatory practice before school starting in August.
	Spr	5512	5522	5532	5536	
Girls Cross Country	Fall	5441	5371	5381	5385	
Girls Distance Track	Spr	5442	5372	5382	5386	
Boys Cross Country	Fall	5451	5471	5481	5485	Mandatory practice starting in July.
	Spr	5452	5472	5482	5486	
Girls Track	Fall	5461	5431	5361	5365	
	Spr	5462	5432	5362	5366	
Boys Track	Fall	5601	5631	5561	5565	
	Spr	5602	5632	5562	5566	
Girls Golf	Fall	5741	5745	5751	5755	
	Spr	5742	5746	5752	5756	
Boys Golf	Fall	5711	5715	5851	5855	Spring Tryouts required
	Spr	5712	5716	5852	5856	
Tennis	Fall	5551	5651	5661	5665	Expected to compete in USTA tournaments. Practice will begin one week before school starts.
	Spr	5552	5652	5662	5666	
Swimming	Fall	5761	5771	5821	5825	** AMCHS only **
	Spr	5762	5772	5822	5826	
Girls Basketball	Fall	5411B	5421	5491	5495	Must be able to participate both semesters. Mandatory practice after school starting in October. Athletes must be able to practice before school starting in October
	Spr	5412B	5422	5492	5496	
Boys Basketball	Fall	5611	5621	5591	5595	
	Spr	5612	5622	5592	5596	
Girls Soccer	Fall	5341	5681	5841	5845	Try-outs in November
	Spr	5342	5682	5842	5846	
Boys Soccer	Fall	5331	5671	5831	5835	
	Spr	5332	5672	5832	5836	
Wrestling	Fall	5781	5791	5811	5815	
	Spr	5782	5792	5812	5816	
Gymnastics	Fall	5301	5311	5321	5325	To participate on the team, a student must be enrolled at a private club with a minimum of 6 hours workout time per week. Student is responsible for payment of lessons and transportation.
	Spr	5302	5312	5322	5326	
Girls Softball	Fall	5411S	5721	5731	5735	
	Spr	5412S	5722	5732	5736	
Boys Baseball	Fall	5691	5701	5641	5645	
	Spr	5692	5702	5642	5646	
Powerlifting	Fall	5861	5865	5871	5875	
	Spr	5862	5866	5872	5876	

## Career and Technical Education Suggested Course Progressions

There are many ways to earn an endorsement. These are just suggestions. If you would like to ask about another way to earn an endorsement, please meet with your counselor to create a plan.

Endorsement Pathway	Intro Course	Next Course	Next Course	Next Course
<b>Food Science (CSHS)</b>	<b>Intro to Ag or Livestock Production</b> 9 <sup>th</sup> -11 <sup>th</sup> , 1 credit Pre: none 10 <sup>th</sup> -11 <sup>th</sup> , 1 credit Pre: none	<b>Foods of Texas</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Food Processing</b> 11 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Foods 101/ Culinary 1	<b>Practicum in Food Processing H</b> 11 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Food Processing
<b>Ag Mechanics (AMCHS)</b>	<b>Intro to Ag</b> 9 <sup>th</sup> -11 <sup>th</sup> , 1 credit Pre: none	<b>Ag Mechanics and Metal Fab</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Advanced Ag Mechanics</b> 11 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Ag Mechanics	<b>Practicum in Ag Mechanics (H)</b> 12 <sup>th</sup> 2 credits Pre: Advanced Ag Mech
<b>Animal Science (AMCHS)</b>	<b>Intro to Ag or Livestock Production</b> 9 <sup>th</sup> -11 <sup>th</sup> , 1 credit Pre: none	<b>Livestock Production</b> 10 <sup>th</sup> -11 <sup>th</sup> , 1 credit Pre: none	<b>Veterinary Medical Apps</b> 10 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Livestock Production	<b>Advanced Animal Science</b> 12 <sup>th</sup> 1 credit Pre: Vet Med Apps H
<b>Plant Science</b>	<b>Intro to Ag or Livestock Production</b> 9 <sup>th</sup> -11 <sup>th</sup> , 1 credit Pre: none	<b>Horticulture Science</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Floral Design</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Advanced Floral Design (H)</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Floral Design
<b>Natural Resources (CSHS)</b>	<b>Intro to Ag or Livestock Production</b> 9 <sup>th</sup> -11 <sup>th</sup> , 1 credit Pre: none	<b>Wildlife, Fisheries and Ecology Mgmt</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Energy and Natural Resources</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Forestry and Woodland Ecosystems</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none
<b>Architecture (CSHS)</b>	<b>Principals of Construction</b> 9 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: None	<b>Architectural Design</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Alg 1, Geom, Princ of Construction	<b>Advanced Architectural Design</b> 11 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Architectural Design	<b>Practicum in Architectural Design</b> 12 <sup>th</sup> 2 credits Pre: Adv Arch Design
<b>Construction (CSHS)</b>	<b>Principals of Construction</b> 9 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: None	<b>Building Technology</b> 10 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Princ of Construction	<b>Advanced Building Technology</b> 11 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Building Tech	
<b>Audio/Video Production</b>	<b>Principals of Arts, AV and Comm</b> 9 <sup>th</sup> -11 <sup>th</sup> 1 credit Pre: none	<b>Audio/Video Production</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Princ of Arts, AV and Comm	<b>Advanced Audio/Video Production</b> 11 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Audio Video Prod	<b>Practicum in Audio/Video Production</b> 12 <sup>th</sup> 2 credits Pre: Adv Audio/Video Prod
<b>Animation</b>	<b>Principals of Arts, AV and Comm</b> 9 <sup>th</sup> -11 <sup>th</sup> 1 credit Pre: none	<b>Animation I</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Princ of Arts, AV and Comm	<b>Animation II</b> 10 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Animation I	<b>Practicum in Animation</b> 10 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Animation II
<b>Graphic Design</b>	<b>Principals of Arts, AV and Comm</b> 9 <sup>th</sup> -11 <sup>th</sup> 1 credit Pre: none	<b>Graphic Design I</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Princ of Arts, AV and Comm	<b>Graphic Design II</b> 10 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Graphic Design I	<b>Practicum in Graphic Design</b> 10 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Graphic Design II
<b>Business</b>	<b>Principals of Business, Marketing and Finance</b> 9 <sup>th</sup> -11 <sup>th</sup> 1 credit Pre: none	<b>Business Information Management</b> 9 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Business Information Management II</b> 9 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Business Information Mgmt	<b>Business Law</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none
<b>Marketing</b>	<b>Principals of Business, Marketing and Finance</b> 9 <sup>th</sup> -11 <sup>th</sup> 1 credit Pre: none	<b>Fashion Marketing</b> 9 <sup>th</sup> -12 <sup>th</sup> .5 credit Pre: none <b>Sports Ent Marketing</b> 9 <sup>th</sup> -12 <sup>th</sup> .5 credit Pre: none	<b>Entrepreneurship (H)</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Prin of BMF, Dollars and Cents, Sports and Ent or Fashion Marketing	<b>PBR (School Store)</b> 12 <sup>th</sup> 1 credit Pre: approval
<b>Finance</b>	<b>Principals of Business, Marketing and Finance</b> 9 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Accounting I (Hon)</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Accounting II (Hon)</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Accounting 1	<b>PBR (School Store)</b> 12 <sup>th</sup> 1 credit Pre: approval

<b>Culinary (CSHS)</b>	<b>Intro to Culinary</b> 9 <sup>th</sup> -10 <sup>th</sup> 1 credit Pre: none	<b>Culinary Arts</b> 10 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Intro Culinary	<b>Advanced Culinary Arts</b> 11 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Culinary Arts	
<b>Information Technology (AMCHS)</b>	<b>Principals of Info Tech</b> 9 <sup>th</sup> -11 <sup>th</sup> 1 credit Pre: none <b>Computer Programming I</b> 9 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Algebra 1	<b>Computer Maintenance</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: PIT or Computer Programming I	<b>Telecommunications and Networking</b> 10 <sup>th</sup> -12 <sup>th</sup> 2 credit Pre: Computer Maintenance or Computer Programming II	<b>Computer Technician Practicum (H)</b> 12 <sup>th</sup> 2 credits Pre: Networking, Instructor Approval
<b>Programming and Video Game Design</b>	<b>Computer Programming I</b> 9 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Algebra 1	<b>Computer Programming II</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Computer Programming I	<b>Video Game Design</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Animation I or Computer Programming I	<b>Webpage Design</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: None
<b>Health Science (AMCHS)</b>	<b>Principals of Health Science or</b> 9 <sup>th</sup> -11 <sup>th</sup> 1 credit Pre: none	<b>Medical Terminology</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Health Science Theory or Health Science Theory H</b> (with or without clinicals) 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Prin of Health Science, Biology/Concurrently taking Biology, Medical Terminology recommended	<b>Practicum in Health Science: Certified Medical Assistant or EMT or Pharmacy Tech or Certified Nurse Assistant</b> 12 <sup>th</sup> 2 credits Pre: Prin of Health Science, Health Science Theory, Anatomy & Physiology/ Concurrent
<b>Teaching/Childcare</b>	<b>Teen Living or</b> 9 <sup>th</sup> -10 <sup>th</sup> 1 credit Pre: none	<b>Child Development</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Ready, Set, Teach I</b> 11 <sup>th</sup> -12 <sup>th</sup> 2 credits Pre: Child Development (recommended), Instructor approval	<b>Ready, Set, Teach II</b> 12 <sup>th</sup> 2 credits Pre: RST 1, Instructor Approval
<b>Law Enforcement</b>	<b>Principals of Law, Public Safety, Corrections and Security</b> 9 <sup>th</sup> – 12 <sup>th</sup> 1 credit Pre: none	<b>Law Enforcement 1</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Princ of Law, Public Safety, Corr and Sec	<b>Law Enforcement II</b> 11 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Law Enforcement 1	
<b>Engineering/Math</b>	<b>Intro to Engineering Design</b> 9 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Principles of Engineering</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Intro to Eng Design	<b>Engineering Design and Presentation</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Intro to Engineering	<b>Engineering and Robotics</b> 11 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Engineering Design and Presentation
<b>Science</b>	<b>Biology</b> 9 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: none	<b>Chemistry</b> 10 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Biology	<b>Human Anatomy &amp; Phys</b> 11 <sup>th</sup> -12 <sup>th</sup> 1 credit Pre: Biology, Chemistry	<b>Biotechnology</b> 12 <sup>th</sup> 1 credit Pre: Bio, Chemistry and Physics

### College Station ISD Industry Certifications Offered

#### Agriculture

*Floral Design I, II*  
*Texas Food Handlers*  
*ServSafe Manager*  
*Certified Vet Assistant*  
*Hunter Safety, Boater Safety, OSHA*

#### Architecture/Construction

*NCCER Core*  
*NCCER Carpentry Level 1*  
*OSHA*

#### Health Science

*Heartsaver First Aid CPR*  
*Basic Life Support CPR*  
*Certified Nurse Assistant*  
*Pharmacy Technician*  
*Emergency Medical Technician*  
*Certified Medical Assistant, phlebotomy, EKG*

#### Business/Marketing Finance

*MOS Specialist*  
*MOS Expert*  
*Quickbooks*  
*Adobe Certified Associate*  
*Autodesk Maya*

#### Info Tech

*CompTIA A+*  
*Security Pro*  
*CompTIA Network +*  
*Comp TIA Security +*  
*PC Pro, Network Pro*

#### Law, Public Safety

*Emergency Telecom Cert*  
*National Emerg Comm Cert*

#### Hospitality

*ServSafe Food Handlers, Restaurant Mgmt 1,2*

## Career and Technical Education Courses

### Business & Industry Endorsement (Agriculture, Food & Natural Resources Cluster)

(enrollment in an Ag class for at least one semester is required for participation on FFA competition teams; (each CTE cluster can end with Project Based Research or Career Prep – see the Elective Courses section for a full description of these)

#### Intro to Ag, Food & Natural Resources

# 6000 9<sup>th</sup>-11<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** None

**Course Description:** 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)

#### Horticulture Science

# 6010 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended

**Course Description:** 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. *Next offered in 2019-20; not offered in 2020-21* (Elective/CTE Credit)

#### Turf Grass & Sports Field Management

# 6003 10<sup>th</sup>-12<sup>th</sup> .5 credit 4.0

**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended

**Course Description:** Do you want to make people wonder why the grass is greener on the other side of the fence? Or do you want to win yard of the month? Find out if green is your thing and enjoy class outdoors! Turf grass often serves as the backbone for residential and commercial landscapes, athletic fields, recreational areas, parks, and golf courses. Students will learn about the selection, establishment, and maintenance of home lawns and sports fields, equipment use, and careers in the industry. Class will include hands-on activities and outdoor field experience. *Not offered in 2019-20; next offered in 2020-21 with Landscape Design* (Elective/CTE Credit)

#### Landscape Design & Management

# 6013 10<sup>th</sup>-12<sup>th</sup> .5 credit 4.0

**Prerequisite(s):** Horticulture strongly recommended

**Course Description:** This class helps students learn how to increase the property value of their house. Students will have the opportunity to learn basic design techniques both by hand and through computer-aided design. Time will also be spent learning how to properly maintain and manage a landscape business. *Not offered in 2019-20; next offered in 2020-21 with Turf Grass* (Elective/CTE Credit)

#### Floral Design

# 6020 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended

**Course Description:** 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 have the opportunity to obtain certification through the Texas State Floral Association. Students will cover the cost of the certification which is approximately \$100, or students may apply for a scholarship. (Fine Arts Credit)  
Fee: \$45 Supplies (financial aid available)

#### Advanced Floral Design Honors

# 6024 11<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Floral Design & approval from teacher

**Course Description:** 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. (Elective Credit)  
Fee: \$45 Supplies

#### Agricultural Mechanics & Metal Fabrication (AMCHS only)

# 6070 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended

**Course Description:** 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, Arc, 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. (Elective/CTE Credit)

#### Advanced Ag Mechanics (AMCHS only)

# 6080 11<sup>th</sup>-12<sup>th</sup> 2 credits 4.0

**Prerequisite(s):** Agricultural Mechanics & Metal Fabrication; Admission committee review

**Course Description:** Do you want to further your Ag Mech experience? 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. (Elective/CTE Credit)

#### Practicum in Ag: Ag Mechanics Honors (AMCHS only)

# 6084 12<sup>th</sup> 2 credits 5.0

**Prerequisite(s):** Advanced Ag Mechanics; Admission committee review

**Course Description:** 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. (Elective/CTE Credit)

**Wildlife, Fisheries & Ecology Management (CSHS only)**# 6030 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended**Course Description:** Students will develop knowledge about managing wildlife populations and how species interact with one another. Basic ecological concepts will be studied and applied outside of the classroom. Additionally, a hunter safety certificate and boating safety certificate can be earned through this hands-on course. (Elective/CTE Credit)**Energy & Natural Resources Technology (CSHS only)**# 6034 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended**Course Description:** This course will help students develop knowledge about the natural resources in their world. Students will have the opportunity to discuss the impacts of energy production on the economy as well as policies at the local, state, and national levels that affect production. Other studies will include in-depth looks at air, water, and soil use. *Next offered in 2019-20; not offered in 2020-21* (Elective/CTE Credit)**Range Ecology and Management (CSHS only)**# 6074 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended**Course Description:** This course examines how the rangeland ecosystem works and how forages are sustained for wildlife and the systems involved. This course will familiarize the student with the management and ecological aspects of rangelands. Students study and develop technical skills in renewable natural resources, range plants, ecosystems, water cycle, range conditions, carrying capacities, livestock management, wildlife management, and research. *Not offered in 2019-20; offered in 2020-21* (Elective/CTE Credit)**Forestry and Woodland Ecosystems (CSHS only)**# 6014 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended**Course Description:** This course is designed to provide a study of the forestry and wood technology industries. Instruction includes a historical perspective of the industries as a benchmark for the development of technical skills in the areas of dendrology, biometrics, forest management, forest utilization and wood product technology, and research and development in the forestry and wood industry. *Offered in 2019-20; Not offered in 2020-21.* (Elective/CTE Credit)**Advanced Plant & Soil Science**# 6004 11<sup>th</sup>-12<sup>th</sup> 1 credit 5.0**Prerequisite(s):** Horticulture Science or Energy & Natural Resources Technology**Course Description:** 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 student in the Plant Science or Natural Resource Pathways to earn their fourth science credit in an agriculture science class. *Not offered in 2019-20; Next offered in 2020-21* (Science Credit)**Foods of Texas (CSHS only)**# 6064 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended**Course Description:** From the farm gate to your plate, learn how the food you eat starts from a raw product and transforms into a product in your grocery basket. In this class, you will develop knowledge about the food industry by examining the production of food, food safety and handling practices, and the use of marketing techniques. Students will have the opportunity to make beef jerky, prepare ice cream, and make canned foods, just to name a few of the products that will be made in class. (Elective/CTE Credit)**Food Processing (CSHS only)**# 6060 11<sup>th</sup>-12<sup>th</sup> 2 credits 4.0**Prerequisite(s):** Food Technology & Safety / Culinary 1**Course Description:** 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 gain ServSafe knowledge and practices. (Elective/CTE Credit)

Fee: \$40 Supplies (financial aid available)

**Practicum in Ag: Food Processing Honors (CSHS only)**# 6084 12<sup>th</sup> 2 credits 5.0**Prerequisite(s):** Food Processing**Course Description:** 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. (Elective Credit)**Livestock Production**# 6040 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended**Course Description:** Go hog wild! Enroll in Livestock Production and learn about the impact livestock production has on the U.S. Students will have the opportunity to learn about careers in the livestock industry, livestock management, nutrition, genetics, reproduction, and common diseases and pests of cattle, swine, lambs, goats, and poultry. AMCHS - *Offered in 2019-20; Not offered 2020-21.* CSHS – offered every year. (Elective/CTE Credit)**Equine Science (AMCHS only)**# 6043 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended**Course Description:** Students will study selection, nutrition, reproduction, handling, and management to prepare for a career in the horse industry. Horseplay allowed! *Not offered in 2019-20; Offered in 2020-21* (Elective/CTE Credit)

**Small Animal Management (AMCHS only)**# 6053      10<sup>th</sup>-12<sup>th</sup>      .5 credit      4.0**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended**Course Description:** 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. *Not offered in 2019-20; Offered in 2020-21* (Elective/CTE Credit)**Veterinary Medical Applications w/Lab (AMCHS only)**# 6050      11<sup>th</sup>-12<sup>th</sup>      2 credits      4.0**Prerequisite(s):** Equine Sci. OR Small Animal Management OR Livestock Production**Course Description:** This course is a continuation of the Veterinary Medical Application course, providing further training in the unlicensed veterinary assistant field. This upper-level course includes, but is not limited to, animal handling and restraint, health and safety, sanitation, surgical preparation, anatomy, physiology, medical terminology, infectious diseases, instrument and equipment identification, vaccine preparation and injection techniques, laws and ethics, and veterinary office procedures. The curriculum provides instruction to assist students in practicing communication skills, utilizing listening skills to follow directions, practicing basic mathematics skills as applied to a veterinary medical setting, reading to gain information, and performing assignments and tasks as directed. This course will include a clinical rotation designed to allow students to gain hands-on experience working in various veterinary assistant positions. The teacher and rotation site sponsor should jointly develop worksite competencies. Students will have the option to certify through the Texas Veterinary Medical Association pending the completion of certification requirements. (Elective/CTE Credit)

Fee: \$125 Certification Exam (financial aid available)

**Advanced Animal Science (AMCHS only)**# 6054      12<sup>th</sup>      1 credit      5.0**Prerequisite(s):** Introduction to Ag, Food & Nat Resources recommended, Equine Science, Small Animal Management**Course Description:** 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)**Math in Agriculture**# 2584      11<sup>th</sup>-12<sup>th</sup>      1 credit      4.0**Prerequisite(s):** Any AFNR and Algebra 2 and teacher or counselor recommendation**Course Description:** 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, logarithms 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 Credit or Math Credit)

**Business & Industry Endorsement (Architecture & Construction Cluster)***(each CTE cluster can end with Project Based Research or Career Prep – see the Elective Courses section for a full description of these)***Principles of Construction**# 6764      9<sup>th</sup>-12<sup>th</sup>      1 credit      4.0**Prerequisite(s):** None**Course Description:** 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)**Interior Design**# 6240      10<sup>th</sup>-12<sup>th</sup>      1 credit      4.0**Prerequisite(s):** Teen Living recommended**Course Description:** This year-long course will focus on housing needs, career opportunities, the elements of design, and designing a room, including background materials, furniture and accessories, the principles of design, construction of housing, and designing floor plans by hand. Students will learn how to use the Computer Assisted Design to create and design detailed floor plans and projects to present. Students will be responsible for purchasing some supplies for this course throughout the year at an approximate cost of \$30.00. (Elective/CTE Credit) *\*Also found in Arts, A/V section.***Architectural Design (CSHS only)**# 6780      10<sup>th</sup>-12<sup>th</sup>      1 credit      4.0**Prerequisite(s):** Algebra I, Geometry, and Principles of Construction recommended**Course Description:** This course is designed to provide students with the knowledge and skills needed to enter a career in architecture and construction or prepare a foundation towards a secondary degree in architecture, construction science, drafting, interior design, and landscaping. It includes the basics of design, design history, techniques and tools related to the production of drawings, renderings, and model construction for architectural purposes. (Elective/CTE Credit)**Advanced Architectural Design (CSHS only)**# 6784      11<sup>th</sup>-12<sup>th</sup>      2 credits      4.0**Prerequisite(s):** Architectural Design**Course Description:** Students in Advanced Architectural Design will gain specific skills needed to enter a career or prepare a foundation toward a postsecondary degree in architecture, drafting, interior design, and landscape architecture. Students will gain knowledge of design, design history, and techniques. Students will also utilize current industry tools to create drawings and renderings for commercial and residential purposes. (Elective/CTE Credit)

**Building Technology (CSHS only)**# 6750 10<sup>TH</sup>-12<sup>TH</sup> 2 credits 4.0**Prerequisite(s):** Principles of Construction, Admission Committee Review**Course Description:** 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 to become certified in OSHA and begin NCCER certification. (Math Credit)**Advanced Building Technology (CSHS only)**# 6754 11<sup>th</sup>-12<sup>th</sup> 2 credits 4.0**Prerequisite(s):** Building Technology, Admission Committee Review**Course Description:** 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. Students will complete NCCER Basic Construction certification. (Elective/CTE Credit)**Business & Industry Endorsement (Principals of Arts, A/V and Communications Cluster)***(each CTE cluster can end with Project Based Research or Career Prep – see the Elective Courses section for a full description of these)***Principals of Arts, A/V, Communications**# 6310 9<sup>th</sup>-11<sup>th</sup> 1 credit 4.0**Prerequisite(s):** None**Course Description:** 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)**Fashion Design**#6230 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Teen Living recommended**Course Description:** Careers in Fashion span all aspects of the apparel and textile industries. Fashion Design is a year-long 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 at an approximate cost of \$40.00. (Elective/CTE Credit)**Interior Design**# 6240 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Teen Living recommended**Course Description:** This year-long course will focus on housing needs, career opportunities, the elements of design, and designing a room, including background materials, furniture and accessories, the principles of design, construction of housing, and designing floor plans by hand. Students will learn how to use the Computer Assisted Design to create and design detailed floor plans and projects to present. Students will be responsible for purchasing some supplies for this course throughout the year at an approximate cost of \$30.00. (Elective/CTE Credit)**Graphic Design I**# 6410 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Principles of AAVC**Course Description:** 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.*\*Dual Credit (p.12-13) \*Also found in IT section (Elective/CTE Credit)***Graphic Design II Honors**# 6414 11<sup>th</sup>-12<sup>th</sup> 2 credits 5.0**Prerequisite(s):** Graphic Design I**Course Description:** 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. Students will be prepared to take the Adobe Certified Associates test (ACA) in Photoshop and Illustrator. *\*Students will cover the \$120 cost of the Certification Exam if they choose to take it. (financial aid available) \* Dual Credit (p. 12-13) (Elective/CTE Credit)***Practicum in Graphic Design Honors**# 6424 12<sup>th</sup> 2 credits 5.0**Prerequisite(s):** Graphic Design II**Course Description:** 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. Opportunities for Adobe / Autodesk certifications are available. Students will have project-based assessments and hands on application. (Elective Credit)

**Audio/Video Production**# 6440 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Principles of AAVC, Admission committee review**Course Description:** 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. Students will be responsible for purchasing some supplies for this course throughout the year at an approximate cost of \$30.00. \*Dual Credit (p. 12-13) (Elective/CTE Credit)**Advanced Audio/Video Production Honors**# 6450 11<sup>th</sup>-12<sup>th</sup> 2 credits 5.0**Prerequisite(s):** Audio/Video Production; Admission committee review\***Course Description:** 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. (Elective/CTE Credit)**Practicum in Audio/Video Production Honors**# 6460 12<sup>th</sup> 2 credits 5.0**Prerequisite(s):** Advanced Audio/Video Production, *Students in worked based job or internships will be required to provide their own transportation.***Course Description:** 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)**Webpage Design**# 6470 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Principles of AAVC or Principles of Information Technology or Graphic Design 1**Course Description:** Google, Yahoo, Facebook and Wikipedia – the internet is everywhere. This course will teach you the skills needed to create your own space on the web. Students will learn how the internet functions with specific attention to the world wide web and file transfer. They will apply design techniques in the creation and optimization of graphics and other embedded elements as well as demonstrate the use of formatting and layout standards. Students will design, create, test, and maintain a web site. This course is HTML and CSS intensive. (Elective/CTE Credit)**Animation I**#6420 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Principles of AAVC**Course Description:** Ever wonder what it takes to create computer animated movies? In the Animation class, students will learn the fundamentals of computer animation and theory. Students will apply the principles of storyboarding into animation software suites, where they will generate 3D models and animate them with lights and camera motion. This is a modeling intensive course, so patience is required. (Elective/CTE Credit)**Animation II Honors**# 6430 11<sup>th</sup>-12<sup>th</sup> 2 credits 5.0**Prerequisite(s):** Animation I**Course Description:** Animation II emphasizes the advanced exploration of animation principles and furthers the utilization of skills to rig character models, apply UV mapping techniques, and explore lighting, color theory, camera placement and visual effects in depth. Students will have project-based assessments and create short 3D animated renderings. (Elective/CTE Credit)**Practicum in Animation Honors**# 6434 12<sup>th</sup> 2 credits 5.0**Prerequisite(s):** Animation II**Course Description:** Innovation is the driving force behind this course which is designed for students who want to pursue advanced Animation 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 Animation. Opportunities for Adobe / Autodesk certifications are available. Students will have project-based assessments and hands on application. (Elective/CTE Credits)**Video Game Design Honors**#6364 10<sup>th</sup>-12<sup>th</sup> 1 credit 5.0**Prerequisite(s):** Programming I or Animation I required**Course Description:** Do you love video games? If you do, you've probably spent endless hours in the fantasy worlds and the strange dimensions of games, but have you thought of creating them? In this class, you move from the player to the 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 application as they learn concepts such as storyboarding, programming, event scripting, visual and audio design, level design, and troubleshooting. Upon completion of the course, the student will have cooperatively created a complete computer game that is presented to an evaluation panel of their peers. (Elective/CTE Credit)**Commercial Photography**# 6474 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Principals of Arts, A/V, Comm**Course Description:** Say cheese! In the age of smartphones, Snapchat, and Instagram, most of us have a rudimentary understanding of photography. But what if you want to take your skills to the next level? Welcome to Commercial Photography. Here you will learn the principles of photography



and how to manually operate DSLR cameras with professional dexterity. From portraits to landscapes, light painting to astrophotography, Commercial Photography will turn your hobby into a career-ready skillset. (Elective Credit)

### **Digital Art and Animation**

# 6404      10<sup>th</sup>-12<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** Proficiency in the knowledge and skills relating to Technology Applications, Art I

**Course Description:** Work in digital photography, animation, electronic sound and music, graphic design, and other digital or interactive media to create computer images and animated projects. Start to the big screen industry. (Elective Credit)

### **Digital Design and Media**

# 6400      10<sup>th</sup>-12<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** Proficiency in the knowledge and skills relating to Technology Applications

**Course Description:** Students will use creativity and computer skills to design visuals associated with electronic technology; create websites, computer-game graphics, and special effects for movies; and work in a variety of industries, including entertainment, education, and advertising. (Elective Credit)

### **Business and Industry Endorsement (Business, Marketing and Finance Cluster)**

*(each CTE cluster can end with Project Based Research or Career Prep – see the Elective Courses section for a full description of these)*

### **Principals of Business, Marketing & Finance**

# 6510      9<sup>th</sup>-11<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** None

**Course Description:** Apply basic marketing and advertising skills to a business plan and better understand the importance of personal financial management. Students actively engage in the marketing, advertising, and financial processes through projects and case studies. (Elective/CTE Credit)

### **Keyboarding**

# 6503      9<sup>th</sup>-12<sup>th</sup>      .5 credit      4.0

**Prerequisite(s):** None

**Course Description:** Students will use interactive lessons to improve both speed and accuracy on the keyboard. Students will also learn word processing skills that will help with projects and various skills needed for employment in the world of work. (Elective/CTE Credit)

### **Fashion Marketing**

# 6613      9<sup>th</sup>-12<sup>th</sup>      .5 credit      4.0

**Prerequisite(s):** None

**Course Description:** If you're interested in a career in fashion, then don't pass up this innovative class. You will learn what it takes to advertise your products, to plan and allocate a budget, to price your products, and to determine the clients' needs. Discover what career opportunities await you in the field of fashion! (Elective/CTE Credit)

### **Sports & Entertainment Marketing**

# 6623      9<sup>th</sup>-12<sup>th</sup>      .5 credit      4.0

**Prerequisite(s):** None

**Course Description:** Football games, concerts, Monster Truck events—what does it take to plan for and promote these and

other events? What goes into sponsorships, proposals, and contracts? Find the answers to these questions and more in this exciting class and get an idea of what it takes to make it happen! (Elective/CTE Credit)

### **Entrepreneurship Honors**

# 6600      10<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

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

**Course Description:** 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)

### **Dollars and Sense**

# 6223      11<sup>th</sup>-12<sup>th</sup>      .5 credit      4.0

**Prerequisite(s):** None

**Course Description:** 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. *\*Also found in the Human Services.* (Elective/CTE Credit)

### **Business Information Management I**

# 6520      9<sup>th</sup>-12<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** None

**Course Description:** This class will help you get a jump-start on learning computer skills that can enhance your projects for other classes, as well as necessary workplace skills. You'll learn how to create appealing spreadsheets & charts, professional looking documents, engaging multi-media presentations, and more. (Elective/CTE Credit)

### **Business Information Management II Honors**

# 6530      10<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** Business Information Management I or Approved Local Admissions test

**Course Description:** Want to get certified and make that resume shine? This class provides the opportunity to earn the Microsoft Office Specialist (MOS) certifications. You will learn advanced concepts and skills that will allow you to enhance your spreadsheets, presentations, and more, all while working toward your certification opportunity. (Elective/CTE Credit)

### **Business Law**

# 6550      10<sup>th</sup>-12<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** None

**Course Description:** Are you interested in the legal aspects of business? Learn about the laws and ethics that surround the business environment, the different types of business organizations, and the contracts that they use (or misuse). You'll apply your technical skills to address different business applications and to make appropriate business decisions. (Elective/CTE Credit)

**Accounting I Honors**# 6640      10<sup>th</sup>-12<sup>th</sup>      1 credit      5.0**Prerequisite(s):** None**Course Description:** Investigate the field of accounting and find out how to organize and manage the financial dealings of a business. Formulate and interpret financial information for use in management decision-making. Financial statements will be prepared manually. Business simulations will be assigned in both semesters. *\*Dual Credit (p. 12-13)* (Elective/CTE Credit)**Accounting II Honors**# 6650      11<sup>th</sup>-12<sup>th</sup>      1 credit      5.0**Prerequisite(s):** Accounting I-H**Course Description:** Did you like Accounting I? If so, then this is the class for you! 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. Students will have an opportunity to get certified in QuickBooks Account Software. (Math Credit)**Business and Industry Endorsement (Hospitality and Tourism – Culinary Emphasis Cluster)***(each CTE cluster can end with Project Based Research or Career Prep – see the Elective Courses section for a full description of these)***Foods 101**# 6213      10<sup>th</sup>-12<sup>th</sup>      .5 credit      4.0**Prerequisite(s):** None**Course Description:** Foods 101 is a laboratory course that teaches principles of basic nutrition and how to make good healthy food choices! This class will introduce you to the cooking for your lifetime by demonstrating and teaching a variety of preparation, cooking, and baking skills. Put your apron on and join us for a great learning and cooking adventure! (Elective/CTE Credit)**Introduction to Culinary**# 6900      9<sup>th</sup>-10<sup>th</sup>      1 credit      4.0**Prerequisite(s):** None**Course Description:** 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. Students will be able to pursue their ServSafe Food Handlers Certification. (Elective/CTE Credit)  
Fee: \$25 Lab Fee**Culinary Arts (CSHS only)**# 6910      10<sup>th</sup>-12<sup>th</sup>      2 credits      4.0**Prerequisite(s):** Introduction to Culinary; Admission committee review**Course Description:** 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. Students will pursue their Food Managers Certification. Upon leaving this course, students will be prepared for an exciting career in food service and the hospitality industry or for culinary school. (Elective/CTE Credit)

**Advanced Culinary Arts (CSHS only)**# 6920      11<sup>th</sup>-12<sup>th</sup>      2 credits      4.0**Prerequisite(s):** Culinary Arts required; Admission committee review\*; *Students in work-based job or internships will be required to provide their own transportation.***Course Description:** This 2-credit 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 at this level will engage in a hands-on food service operation and will be rotated through 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. (Elective/CTE Credit)

Fee: \$100 Uniform &amp; Supply Fee (financial aid available)

**Foods of Texas (CSHS only)**# 6064      10<sup>th</sup>-12<sup>th</sup>      1 credit      4.0**Prerequisite(s):** Intro to Ag, Food & Nat Resources recommended**Course Description:** From the farm gate to your plate, learn how the food you eat starts from a raw product and transforms into a product in your grocery basket. In this class, you will develop knowledge about the food industry by examining the production of food, food safety and handling practices, and the use of marketing techniques. Students will have the opportunity to make beef jerky, prepare ice cream, make canned food items, just to name a few of the products that will be made in class. (Elective/CTE Credit)**Food Processing (CSHS only)**# 6060      11<sup>th</sup>-12<sup>th</sup>      2 credits      4.0**Prerequisite(s):** Food Technology & Safety, Intro to Culinary or Culinary Arts**Course Description:** 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 gain ServSafe knowledge and practices. (Elective/CTE Credit)

Fee: \$40 Supplies (financial aid available)

**Practicum in Ag: Food Processing Honors (CSHS only)**# 6084      12<sup>th</sup>      2 credits      5.0**Prerequisite(s):** Food Processing**Course Description:** 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. (Elective Credit)

## Business and Industry Endorsement (Information Technology Cluster)

(each CTE cluster can end with Project Based Research or Career Prep – see the Elective Courses section for a full description of these)

### Principals of Information Technology

# 6300 9<sup>th</sup>-11<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** None

**Course Description:** 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 Programming I Honors

# 6350 9<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Algebra I required, Principles of Information Technology (recommended)

**Course Description:** Students will practice procedural, object oriented, and event-driven programming. Algorithms and data structures will be studied. Students will develop problem-solving and team-building skills throughout the year. Java will be the main programming language used. Students will use Java Swing to create a game embedded within a GUI interface. Programming careers and employment opportunities will also be explored. (Elective/CTE Credit)

### Computer Programming II Honors

# 6360 10<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Computer Programming I

**Course Description:** Students will expand their knowledge of object-oriented programming techniques and concepts -- emphasis will be placed on data structures, recursion, inheritance, interfaces, abstract classes, search methods, and sorting algorithms. The student will demonstrate knowledge of the software development process, how to handle exceptions, develop test cases, and conduct testing. Students will work with three labs from the College Board to prepare for the Advanced Placement Computer Science AP exam. (Elective/CTE Credit)  
Fee: National AP Exam, optional

### Computer Maintenance Honors (AMCHS only)

# 6320 10<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Principles of Information Technology or Programming I

**Course Description:** 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 computer gaming and the real-world issues that face today's computer technicians. Computer safety, security, hardware components, assembly, and architecture will be studied in depth. Students will assemble and dismantle a working computer and will install and study several different operating systems, including Windows XP, Windows 7, 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. 12-13) \*Students will cover the cost of the Certification Exam if they choose to take it. (financial aid available) (Elective/CTE Credit)

### Computer Networking Honors (AMCHS only)

# 6330 11<sup>th</sup>-12<sup>th</sup> 2 credits 5.0

**Prerequisite(s):** Computer Maintenance or Programming II  
**Course Description:** 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. 12-13) \*Students will cover the cost of the Certification Exam if they choose to take it. (financial aid available) (Elective/CTE Credit)

### Computer Technician Practicum Honors (AMCHS only)

# 6340 12<sup>th</sup> 2 credits 5.0

**Prerequisite(s):** Computer Networking; Student in a work-based job or internships will be required to provide their own transportation.

**Course Description:** Innovation is the driving force behind this course, which is designed for students who want to pursue advanced Information Technology topics, such as high-level operating systems, cyber security, and system protection. Students will lead projects in a research-rich environment where they will apply the theories and knowledge learned in Computer Maintenance, Programming, and Networking. Students will have project-based assessments and will have hands-on application in real-world work order-based systems in school or work/internship-based placement. Students in jobs or internships will be required to provide their own transportation. Students will be prepared to take the internationally recognized CompTIA A+, Network+, or Security+ Certification Exam. \*Students will cover the cost of the Certification Exam if they choose to take it. (financial aid available) \*Dual Credit (p. 12-13) (Elective/CTE Credit)

### Graphic Design I

# 6410 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Principles of AAVC

**Course Description:** 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.

\*Dual Credit (p. 12-13). \*Also found in Arts, A/V. (Elective/CTE Credit)

### Webpage Design

# 6470 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Principles of AAVC or Principles of Information Technology or Graphic Design I

**Course Description:** Google, Yahoo, Facebook and Wikipedia – the internet is everywhere. This course will teach you the skills needed to create your own space on the web. Students will learn to identify how the internet functions with specific attention to the world wide web and file transfer. They will apply design techniques in the creation and optimization of

graphics and other embedded elements as well as demonstrate the use of formatting and layout standards. Students will design, create, test, and maintain a web site. This course is HTML and CSS intensive. (Elective/CTE Credit)

### **Video Game Design**

# 6364      10<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** Algebra 1 & Programming I or Animation I required

**Course Description:** Do you love video games? If you do, you've probably spent endless hours in the fantasy worlds and the strange dimensions of games, but have you thought of creating them? In this class, you move from the player to the 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 applications as they learn concepts such as storyboarding, programming, event scripting, visual and audio design, level design, and troubleshooting. Upon completion of the course the student will have cooperatively created a complete computer game that is presented to an evaluation panel of their peers. (Elective/CTE Credit)

### **Public Services Endorsement (Health Science Cluster)**

*(each CTE cluster can end with Project Based Research or Career Prep – see the Elective Courses section for a full description of these)*

### **Principles of Health Science**

# 6120      9<sup>th</sup>-11<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** None

**Course Description:** Discover a medical career that interests you by exploring a wide variety of medical occupations. Meet new people with similar interests in the medical field. Learn about the challenges and rewards of working in the health care field under an experienced health care professional. Explore the history of health care, basic medical vocabulary, introductory anatomy and physiology, human developmental stages, medical ethics, multiculturalism, as well as communication and leadership skills needed to be successful in health care. (Elective/CTE Credit)

### **Medical Terminology Honors (AMCHS only)**

#6137      10<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** none

**Course Description:** 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)**

# 6163      11<sup>th</sup>-12<sup>th</sup>      1 credit      4.0

**Prerequisite(s):** Principles of Health Science, Biology/Concurrently taking Biology, Medical Terminology Recommended

**Course Description:** 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 earn a CPR/First Aid Certification when taking this course. (Elective/CTE Credit)

### **Health Science Theory Honors (AMCHS only)**

# 6163H      11<sup>th</sup>-12<sup>th</sup>      1 credit      5.0

**Prerequisite(s):** Principles of Health Science, Biology/Concurrently taking Biology, Medical Terminology Recommended

**Course Description:** 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 earn a CPR/First Aid Certification when taking this course. To fulfill the honors requirement, students will be required to perform six volunteer hours each 6-week period in an approved facility. (Elective/CTE Credit)

### **Health Science Theory w/ Health Science Clinical (AMCHS only)**

# 6166      11<sup>th</sup>-12<sup>th</sup>      2 credits      4.0

**Prerequisite(s):** Principles of Health Science, Biology/Concurrently taking Biology; Medical Terminology recommended

**Course Description:** 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. As a part of the clinical portion, students will observe medical professionals in the patient care environment. Students will have the opportunity to earn a CPR/First Aid Certification when taking this course. (Elective/CTE Credit)

### **Health Science Theory w/ Health Science Clinical Honors (AMCHS only)**

# 6166H      11<sup>th</sup>-12<sup>th</sup>      2 credits      5.0

**Prerequisite(s):** Principles of Health Science, Pre-AP Biology/Concurrently taking Pre-AP Biology; Medical Terminology recommended

**Course Description:** 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. As a part of the clinical portion, students will observe medical professionals in the patient care environment. Students will have the opportunity to earn a CPR/First Aid Certification when taking this course. To fulfill the honors

requirement, students will be required to perform six volunteer hours each 6-week period in an approved facility. (Elective/CTE Credit)

**Practicum in Health Science: Certified Medical Assistant Honors (AMCHS only)**

#6153            12<sup>th</sup>                            2 credits            5.0

**Prerequisite(s):** Principles of Health Science Theory, Health Science, Anatomy and Physiology/currently taking Anatomy and Physiology, Admission Review Committee

**Course Description:** 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 to be able to administer medications, assist with minor procedures, obtain laboratory specimens, perform electrocardiograms, and provide patient education. CCMA's perform a variety of tasks to assist physicians in providing patient care, while ensuring that clinics, hospital, or a doctor's office runs smoothly and efficiently. Additional costs may include, but are not limited to, scrubs, immunizations, TB testing and required certification fees. Students may be subjected to mandatory medical facility requirements including, but not limited to, a criminal background check and drug screening. Membership in HOSA (Health Occupations Students of America) is encouraged.

Fee: Cost of Certification exam (financial aid available)

**Practicum in Health Science: Pharmacy Tech Honors (AMCHS only)**

#6147            12<sup>th</sup>                            2 credits            5.0

**Prerequisite(s):** Health Science Theory, Chemistry, Admission Review Committee

**Course Description:** 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 internships throughout the semester. Additional costs may include, but are not limited to, scrubs, immunizations, TB testing and required certification fees. Students may be subjected to mandatory medical facility requirements including, but not limited to, a criminal background check, fingerprinting, and drug screening. Membership in HOSA (Health Occupations Students of America) is encouraged. Fee: Cost of Certification exam (financial aid available)

**Practicum in Health Science – Certified Nursing Assistant (CNA) (AMCHS only)**

# 6156            11<sup>th</sup>-12<sup>th</sup>                            2 credits            4.0

**Prerequisite(s):** Prin. Of Health Science, Admission committee review, 16 years of age by Nov 1<sup>st</sup>.

**Course Description:** 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 to be able to administer medications, assist with minor procedures, obtain laboratory specimens, perform electrocardiograms, and provide patient education. CCMA's perform a variety of tasks to assist physicians in providing

patient care, while ensuring that clinics, hospital, or a doctor's office runs smoothly and efficiently. Additional costs may include, but are not limited to, scrubs, immunizations, TB testing and required certification fees. Students may be subjected to mandatory medical facility requirements including, but not limited to, a criminal background check and drug screening. Membership in HOSA (Health Occupations Students of America) is encouraged.

Students will have the opportunity to become certified in CNA, EKG, and Phlebotomy through this course.

Fee: Certification Exam, financial aid available

**Practicum in Health Science – Emergency Medical Technician Honors (AMCHS only)**

# 6144            12<sup>th</sup>                            2 credits            5.0

**Prerequisite(s):** Health Science Theory, Biology, Human Anatomy and Physiology (or co-enrollment), Completion of required paperwork and immunizations, Admission Committee review\*

**Course Description:** The Practicum in Health Science - Emergency Medical Technician (EMT) course is designed to give students practical application of previously studied knowledge and skills. Preparation for certification as an EMT includes 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. This practicum course is held in conjunction with TEEEX (Texas A&M Extension Service) Emergency Medical Services Academy. One hundred twelve (112) clinical/field hours will be performed during the spring semester; these clinical/field hours are completed outside the school day. Students will have the opportunity to become certified for: Emergency Medical Technician, ECG Technician, and Phlebotomy Technician through this course. (Elective/CTE Credit)

**Fee:** \$150 - Uniform, National Certification Testing (financial assistance available)

**Biotechnology Honors**

# 3830            11<sup>th</sup>-12<sup>th</sup>                            1 credit            5.0

**Prerequisite(s):** Biology, Chemistry, Physics

**Course Description:** An introduction to biotechnology including career exploration, history and applications of DNA/RNA technology, molecular biology, bioethics, laboratory operations, management, equipment, instrumentation, quality control techniques, and laboratory safety practices. Laboratory practice includes using pH meters, mixing buffers, DNA isolation and extraction, performing measurements, preparing solutions, and performing separatory techniques to present their research at local and regional scientific meetings. \*Dual Credit (p. 12-13) (Science Credit)

**Human Anatomy & Physiology**

# 3810            11<sup>th</sup>-12<sup>th</sup>                            1 credit            4.0

**Prerequisite(s):** Biology; Chemistry

**Course Description:** Comprehensive study of anatomy and physiology of the human body. An overview of histology, general anatomical terminology, and detailed investigation of all body systems. Major mammalian dissection included. (Science Credit or Elective/CTE Credit)

**Human Anatomy & Physiology Honors**# 3820 11<sup>th</sup>-12<sup>th</sup> 1 credit 5.0**Prerequisite(s):** Pre-AP Biology; Pre-AP Chemistry**Course Description:** Comprehensive study of Anatomy and Physiology with emphasis on histology, terminology, and investigative applications. Major mammalian dissection, suturing techniques, and numerous disorders/diseases reviewed. (Science Credit)**Public Services Endorsement (Human Services and Education & Training Cluster)***(each CTE cluster can end with Project Based Research or Career Prep – see the Elective Courses section for a full description of these)***Teen Living**# 6200 9<sup>th</sup>-10<sup>th</sup> 1 credit 4.0**Prerequisite(s):** None**Course Description:** This year-long comprehensive hands-on course will allow you to grow as a teen approaching adulthood as you learn about practical topics such as personal growth and goals, healthy relationships, and money management. The course introduces topics covered in other courses within the Human Services and Education cluster including fashion, child development, interior design, hospitality, and foods. Students will be responsible for purchasing some supplies for this course throughout the year at an approximate cost of \$15.00. (Elective/CTE Credit)**Child Development**# 6250 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** None**Course Description:** Parents, teachers, neonatal nurses, pediatricians, daycare administrators, toy designers, and others all have great careers that involve children. This course will cover effective caregiving knowledge and skills, pregnancy, growth and development, risk and protective factors, and the health and safety needs of young children. Experience parenting a reality baby for a week. Develop lessons and mentor preschool or Head Start children in the Tiger Buddies/ Cougar Buddies program. (Elective/CTE Credit)**Foods 101**# 6213 10<sup>th</sup>-12<sup>th</sup> .5 credit 4.0**Prerequisite(s):** None**Course Description:** Foods101 is a laboratory course that teaches principles of basic nutrition and how to make good healthy food choices! This class will introduce you to the culinary world by demonstrating and teaching a variety of preparation, cooking, and baking skills. Put your apron on and join us for a great learning and cooking adventure! (Elective/CTE Credit)**Dollars and Sense**# 6223 11<sup>th</sup>-12<sup>th</sup> .5 credit 4.0**Prerequisite(s):** None**Course Description:** 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. *\*Also found in Marketing and Finance.* (Elective/CTE Credit)**Interior Design**# 6240 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** None**Course Description:** This course will focus on housing needs, career opportunities, the elements of design, and designing a room, including background materials, furniture and accessories, the principles of design, construction of housing, and designing floor plans by hand. Students will learn how to use the Computer Assisted Design to create and design detailed floor plans and projects to present. (Elective/CTE Credit)*\*Also found in Arts, A/V section.*

Fee: \$30 Supplies (financial aid available)

**Fashion Design**#6230 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** None**Course Description:** Careers in Fashion span all aspects of the apparel and textile industries. Fashion Design is a year-long 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 at an approximate cost of \$40.00. (Elective/CTE Credit)**Ready, Set, Teach**# 6270 11<sup>th</sup>-12<sup>th</sup> 2 credits 4.0**Prerequisite(s):** Child Development recommended; Admission Committee review\*; *\*Students must provide their own transportation to field sites. Transportation may be available upon request.***Course Description:** If you are interested in a career in education as a teacher, coach, counselor or principal, Ready Set Teach is the class for you. 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. This course focuses on teaching fields from grades K-12. Various projects will require supplies. *\* If a student is interested in teaching high school, they must be a senior to be considered for a high school internship.* (Elective/CTE Credit)**Ready, Set, Teach II**# 6274 12<sup>th</sup> 2 credit 4.0**Prerequisite(s):** Ready, Set, Teach I; Admission Committee Review\*; *\*Students in work-based job or internships will be required to provide their own transportation. Transportation may be available upon request.***Course Description:** Continue your Ready Set Teach experiences in this advanced, real world course. Students will complete an independent study of an educational research topic of their choice. The research project should be applicable to the 14-week semester internships located in an educational setting. The honors level option requires a research paper as a part of the research project. Each semester culminates with a student-presentation of their research project observed at their internship setting. (Elective/CTE Credit)

**Public Services Endorsement (Law, Public Safety, Corrections and Security Cluster)**

(each CTE cluster can end with Project Based Research or Career Prep – see the Elective Courses section for a full description of these)

**Principles of Law & Public Safety**

# 6700 9<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** None

**Course Description:** This course is designed for students who have an interest in the Criminal Justice field. This course introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections. Students will also understand the historical and philosophical development of criminal law as well as analyzing the essential elements/classifications of crime. Students who have already taken “Fundamentals of Criminal Law” should not take this course. (Elective/CTE Credit)

**Law Enforcement I**

# 6710 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Pre-Law

**Course Description:** 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)

**Law Enforcement II**

# 6720 11<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Introduction to Criminal Justice

**Course Description:** Introduction to Law Enforcement provides 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. The course will also cover the equivalent of the 40-hour Emergency Telecommunicator. This course is designed to introduce students to the exciting and challenging field of Emergency Telecommunications. (Elective/CTE Credit)

**Business Law**

# 6550 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** none

**Course Description:** Are you interested in the legal aspects of business? Learn about the laws and ethics that surround the business environment, the different types of business organizations, and the contracts that they use (or misuse). You’ll apply your technical skills to address different business applications and to make appropriate business decisions. (Elective/CTE Credit)

**STEM Endorsement (Science, Technology, Engineering and Math Cluster)**

(each CTE cluster can end with Project Based Research or Career Prep – see the Elective Courses section for a full description of these)

**Introduction to Engineering Design**

# 6954 9<sup>th</sup>-11<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** None

**Course Description:** Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software and use an engineering notebook to document their work. The major focus of this course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. (Elective/CTE Credit)

**Principles of Engineering**

# 6767H 10<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Introduction to Engineering Design; Algebra I; Biology, Chemistry, IPC or Physics; Geometry recommended

**Course Description:** Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. *Note: This course satisfies a science credit requirement for students on the Foundation High School Program.* (Science)

**Engineering Design & Presentation Honors**

# 6760 10<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Intro to Engineering Design

**Course Description:** Students will gain knowledge and skills of the process of design as it applies to engineering fields using multiple software applications and tools necessary to produce working drawings, solid model renderings, and prototypes. They will also explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas. Students will have the opportunity to earn an OSHA certification. (Elective/CTE Credit)

Fee: \$25 paid by student, (financial aid available)

**Engineering & Robotics**

# 6944 11<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Intro to Engineering Design, Engineering Design & Presentation I

**Course Description:** Students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in engineering, robotic, and automation industry. Students will have the opportunity to earn an OSHA certification. *Next offered in 2019-20; not offered in 2020-21.* (Elective Credit)

Fee: \$25, paid by student, (financial aid available)

**Engineering Applications**

#6940 11<sup>th</sup>-12<sup>th</sup> 1 credit 5.0

**Prerequisite(s):** Engineering Design & Presentation I

**Course Description:** Engineering Applications reinforces and integrates skills learned in previous mathematics and science courses. This course emphasizes solving problems, moving

from well-defined toward more open-ended, with real-world application. Students apply critical thinking skills to justify a solution from multiple design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design cycle to investigate, design, plan, create, and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implications of technological development. *Not offered in 2019-20; offered again in 2020-21.* (Science Credit or Elective Credit)

### Principles of Technology- Physics

# 3510            11<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** Two years of Science

**Course Description:** This hands-on class takes a unique approach to learning Physics concepts. Students study the four energy systems using technology and active participation. (Science Credit – Physics)

### Biotechnology Honors

#3830            12<sup>th</sup>            1 credit            5.0

**Prerequisite(s):** Biology, Chemistry, Physics

**Course Description:** An introduction to biotechnology including career exploration, history and applications of DNA/RNA technology, molecular biology, bioethics, laboratory operations, management, equipment, instrumentation, quality control techniques, and laboratory safety practices. Laboratory practice includes using pH meters, mixing buffers, DNA isolation and extraction, performing measurements, preparing solutions, and performing separatory techniques to specifications. *\*Dual Credit at CSHS (p. 12-13)* (Science Credit)

### Human Anatomy & Physiology

# 3810            11<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** Biology; Chemistry

**Course Description:** Comprehensive study of anatomy and physiology of the human body. An overview of histology, general anatomical terminology, and detailed investigation of all body systems. Major mammalian dissection included. (Science Credit or Elective/CTE Credit)

### Human Anatomy & Physiology Honors

# 3820            11<sup>th</sup>-12<sup>th</sup>            1 credit            4.0

**Prerequisite(s):** Pre-AP Biology; Pre-AP Chemistry

**Course Description:** Comprehensive study of Anatomy and Physiology with emphasis on histology, terminology, and investigative applications. Major mammalian dissection, suturing techniques, and numerous disorders/diseases reviewed. Enrolled students should be in the health services career path and considering a future in the medical field. (Science Credit)

### Scientific Research & Design

# NONE            11<sup>th</sup>-12<sup>th</sup>            1 credit            4.0/5.0

**Prerequisite(s):** 2 Science Credits; See Science/CTE Department Chair.

**Course Description:** Students will complete an independent research project by collaborating with their instructor and other scientific researchers. At the conclusion of the project, the student will present their findings to an audience of

professionals. The student's project advisor determines whether the project is on-level or honors credit. (Science Credit)

## CTE Supplemental/Complementary Courses

### Project Based Research

# NONE            11<sup>th</sup>-12<sup>th</sup>            1 credit            4.0/5.0

**Prerequisite(s):** Student must gain instructor, counselor, and mentor approval for projects.

**Course Description:** Students will develop a comprehensive project and work with an instructor and a mentor from the business/industry/post-secondary community, who will help guide them and assess their progress. At the completion of the project, the student will make a presentation to a panel of experts in the field being addressed. *Students must go through the instructor and cannot request this course on their course request form.* This course will be placed in the student's schedule (pending approval) in early August after schedules have been created. Honors credit may be considered depending on project. (Elective/CTE Credit)

PBR Ag Sci I – 6091, 6092	PBR Ag Sci II 6093, 6094
PBR Const I – 6791, 6792	PBR Const II – 6793, 6794
PBR Culin I – 6791, 6792	PBR Culin II – 6793, 6794
PBR ArtAV I – 6491, 6492	PBR ArtAV II – 6493, 6494
PRB IT I – 6391, 6392	PBR IT II – 6393, 6394
PBR Bus Mgmt I – 6591, 6592	PBR Bus Mgmt II-6593, 6594
PBR STEM I – 6491, 6792	PBR STEM II – 6793, 6794

### Career Preparation I

# 6800            11<sup>th</sup>-12<sup>th</sup>            3 credits            4.0

**Prerequisite(s):** Approved employment and provide own transportation to/from approved training station.

**Course Description:** Students will earn credits while in the classroom and on the job. In class students will investigate post-secondary education choices, field trips, guest speakers, study the responsibilities of the workplace, money management, budgeting/money management, business etiquette, 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 student's phase into the world of work teaching transferable soft skills. 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)

### Career Preparation II

# 6890            12<sup>th</sup>            2 credits + lab            4.0

**Prerequisite(s):** Successfully completed Career Preparation I, approved employment and provide own transportation to/from approved training station.

**Course Description:** 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 leadership 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)

### Elective Courses

#### Teen Leadership (CSHS Only)

# 1033 9<sup>th</sup>-12<sup>th</sup> .5 credit 4.0

**Prerequisite(s):** None

**Course Description:** Teen Leadership is a leadership development and character education elective. The Teen Leadership 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 Teen Leadership will apply to 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 Credit)

#### Partner PE: Peer Assistance for Students with Disabilities (CSHS Only)

# 0100B 10<sup>th</sup> – 12<sup>th</sup> .5 credit 4.0  
# 0104B 12<sup>th</sup> .5 credit 4.0

**Prerequisite(s):** application and interview process

**Course Description:** 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 (CSHS Only)

# 0100A 11<sup>th</sup> – 12<sup>th</sup> .5 credit 4.0  
# 0104A 12<sup>th</sup> .5 credit 4.0

**Prerequisite(s):** application and interview process

**Course Description:** 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. AVID has standards and has been approved as an innovative course with TEKS. The standards increase as the year of AVID increases.*

#### AVID 9<sup>th</sup> Grade

# 0110 9<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Placement in AVID program and an agreement to enroll in rigorous courses

**Course Description:** The 9<sup>th</sup> grade AVID 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 10<sup>th</sup> Grade

# 0120 10<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Placement in AVID program and an agreement to enroll in rigorous courses

**Course Description:** Students will refine the AVID strategies to meet their 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 in order 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 11<sup>th</sup> Grade

# 0130 11<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Placement in AVID program and an agreement to enroll in rigorous courses

**Course Description:** This 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. *Honors credit is available for juniors for completion of extra work, including but not exclusive to a Service Learning project, as contracted with the AVID Campus Coordinator and AVID District Director.* (Elective Credit)

**AVID 12<sup>th</sup> Grade**# 0140 12<sup>th</sup> 1 credit 4.0**Prerequisite(s)(s):** AVID III and agreement to enroll in rigorous courses**Course Description:** This AVID course is the second 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 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 AVID, as well as complete the requirements for the seminar course. *Honors credit is available for seniors for completion of extra work, including but not exclusive to a Service Learning project, as contracted with the AVID Campus Coordinator and AVID District Director.* (Elective Credit)**No Credit Courses***Seniors may have up to two no credit classes per semester. All other students may only have one per semester. Only seniors may have "off periods."***No Class (Seniors Only – No Credit)****Prerequisite(s):** Seniors Only**Course Description:** 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 1<sup>st</sup> period class with 2<sup>nd</sup> period no class, nor can they have a 6<sup>th</sup> period no class with an assigned 7<sup>th</sup> period class or 7<sup>th</sup> period no class with 8<sup>th</sup> period class.

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

**Student Aide – Office**# 9120 9<sup>th</sup>-12<sup>th</sup> no credit**Prerequisite(s)(s):** Approval**Course Description:** Students assist in various office procedures in administration offices**Student Aide – Library**# 9210 11<sup>th</sup>-12<sup>th</sup> no credit**Prerequisite(s):** Approval of Librarian**Course Description:** Students will assist in shelving books, basic cleanup, tidying furniture, etc. Only one student may be assigned per period.**Student Aide – Counselor**# 9230 9<sup>th</sup>-12<sup>th</sup> no credit**Prerequisite(s):** Counselor Approval**Course Description:** Students assist in various office procedures in the counselor's office**Student Aide – Nurse**# 9240 11<sup>th</sup>-12<sup>th</sup> no credit**Prerequisite(s):** Nurse Approval**Course Description:** This course is designed for those students interested in learning more about first aid or considering some area of the medical field as a career. Students will be taking

temperatures, blood pressure, pulse, checking vision and hearing, and directing injured students in the care of minor wounds. Students will not be responsible for the care of other students with open wounds, major illnesses, or disease.

**Study Hall**#9301 Fall 9<sup>th</sup>-12<sup>th</sup> no credit# 9302 Spring 9<sup>th</sup>-12<sup>th</sup> no credit**Prerequisite(s)(s):** Counselor approval**Course Description:** 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.**Study Hall/Driver's Education**# 9501 Fall 9<sup>th</sup>-12<sup>th</sup> no credit# 9502 Spring 9<sup>th</sup>-12<sup>th</sup> no credit**Prerequisite(s):** 15 years of age by the date the course begins**Course Description:** Provides in class instruction and hours behind the wheel to enable a student to earn a learner's permit or driver's license. Attend study hall when not in driver's ed. 6<sup>th</sup> (CSHS) or 7<sup>th</sup>/8<sup>th</sup>.

Fee: \$350

**Blinn/Texas A&M University**# 9310 -9370 11<sup>th</sup>-12<sup>th</sup> no high school credit**Prerequisite(s):** Must have an 80 average - or 3.0 GPA, counselor approval, parental consent, and pass TSI.**Course Description:** 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

## Special Education Courses

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.

### Career Investigations

# 0207 9<sup>th</sup>-10<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP

**Course Description:** This course introduces the world of work in order to facilitate successful transition planning. Topics focus on combining self-knowledge with career choices through interest inventories and career research. Students are also introduced to job skills, training skills, and social skills needed for employability and independent living. This course could include experience with a school-based enterprise, experience in a work center, and field trips for career exploration. (Elective Credit)

### Career Preparation Block

# 0217 11<sup>th</sup>-12<sup>th</sup> 2 credits 4.0

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** This course is designed to prepare students for competitive employment and independent living. Topics include productive work habits and attitudes, the process of career planning and employment, the application and interview process, and the effects of change in the workplace. The educational setting for this course is the classroom, the campus community, and/or training sites in the community. (Elective Credit)

### Career Employment Block

# 0227 12<sup>th</sup> 2 credits 4.0

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** This course is designed to assist students in making a smooth transition from academic pursuits to employment. Students will take previously learned skills from the classroom and apply them by maintaining paid employment while under the supervision of school staff. The level of supervision is to be determined by the ARD committee as are the minimum number of hours of employment to be successful in the program. (Elective Credit)

### Reading Improvement, I, II, III

# 1070 I 9<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

# 1074 II 9<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

# 1077 III 9<sup>th</sup>-12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** 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 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 in today's society, along with learning techniques and test-taking strategies. (Elective Credit)

### Fundamentals of English I

# 1107 9<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** A modified curriculum that emphasizes skill development in reading, writing, literature, research 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 10<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** 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 11<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** A modified curriculum including a chronological survey of religious, philosophical and literary movements in American literature from the 17<sup>th</sup> to the 20<sup>th</sup> 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 12<sup>th</sup> 1 credit 4.0

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** A modified curriculum including a chronological survey of religions, philosophical, and literary movements in British literature from the Anglo-Saxons to the 20<sup>th</sup> 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 9<sup>th</sup>-10<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation**Course Description:** 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 1 EOC Exam. (Math Credit)**Fundamentals of Geometry**# 2127 10<sup>th</sup>-11<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation**Course Description:** 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 11<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation**Course Description:** 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 9<sup>th</sup>-10<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation**Course Description:** 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 9<sup>th</sup>-10<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation**Course Description:** 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 11<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation**Course Description:** 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 9<sup>th</sup>-10<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation**Course Description:** A modified study of history and the development of a variety of world cultures past and present. 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 10<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation**Course Description:** 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 10<sup>th</sup>-12<sup>th</sup> 1 credit 4.0**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation**Course Description:** 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 11<sup>th</sup>-12<sup>th</sup> .5 credit 4.0**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation**Course Description:** 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 11<sup>th</sup>-12<sup>th</sup> .5 credit 4.0**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation**Course Description:** 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

	9 <sup>th</sup> -12 <sup>th</sup>	1 credit	4.0
# 9867	Pathways to Success I		
# 9877	Pathways to Success II		
# 9887	Pathways to Success III		
# 9897	Pathways to Success IV		

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation as an elective

**Course Description:** 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 1, II, III, IV

# 1107L, 1207L, 1307L, 1407L	9 <sup>th</sup> -12 <sup>th</sup>	1 credit	4.0
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**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** Applied English will assist students in developing skills in the areas of expressive, receptive, written, and/or symbolic representations of language. Attention is given to the ability to communicate effectively within the range of the student's abilities (direct or through assisting devices). Students will integrate language in order 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. Communication will be examined in regard to social appropriateness, environmental cues and prompts, understanding generalizations in a real-life context, the responsibilities of independent living, and skills that relate directly to employment. 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	Appl Algebra 1	1 credit	4.0
# 2127L	Appl Geometry	1 credit	4.0
# 2137L	Appl Alg Reas	1 credit	4.0

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** 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	Appl IPC	1 credit	4.0
# 3217L	Appl Biology	1 credit	4.0
# 3417L	Appl Chem Comm	1 credit	4.0

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** 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	Appl W. Hist	1 credit	4.0
# 4127L	Appl W. Geog	1 credit	4.0
# 4217L	Appl US Hist	1 credit	4.0
# 4318L	Appl US Govt	1 credit	4.0
# 4339L	Appl Econ	1 credit	4.0

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** 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 (both schools), 9984 (AMCHS only)

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** 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 one's self, 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)

## Vocational Work

# 0017, 0027, 0037, 0047, 0057, 0067, 0077 (both schools), 0087 (AMCHS Only)

**Prerequisite(s):** Qualified Special Education Student; ARD/IEP Committee Recommendation

**Course Description:** Students may only enroll in these courses if they are concurrently enrolled in Career Prep Block and Career Experience Block. (Elective Credit)

## Course Selection Helpful Hints

**AP Course Reminder:** The Honors and AP courses constitute four-year programs. For a student to obtain sequential skills and to be successful in these courses, we strongly recommend that students enter these levels in the 9<sup>th</sup> grade.

**Summer Assignments:** Honors and AP courses often require summer reading assignments. Make sure you find out what those are.

**GPA:** Honors, Pre-AP, and AP courses carry a higher weight for GPA calculations. If you make a 75 or above each semester, your GPA is calculated with an extra 10 points. Example:

Course	Grade	On Level (4.0 scale)	Honors, Pre-AP, AP (5.0 scale)
English I	84	2.4	3.4
Algebra II	92	3.2	4.2
Biology	74	1.4	1.4
Geography	63	0.0	0.0

**Endorsements:** Pay attention to courses in a sequence if you are planning to use them for an endorsement. Make sure you have room (especially Career and Technical Education courses that are block classes and require 2 free periods).

**Waivers and Recommendations:** Current teachers will recommend the level of course you take. If you want to take a course that your teacher does not recommend, then applications for waivers can be obtained by parents in our counseling office after viewing the waiver information video. Requests for course waivers must be received in the counseling office by June 14, 2019. If you waive into a course, you will be required to stay in that course throughout the first semester – no exceptions (even if you are failing).

**Dropping Courses:** Be aware of classes that do not have a lower level (i.e. Spanish 3, Pre-Cal, Statistics, AP Biology, etc.). You will not be able to get out of these classes if you are in 9<sup>th</sup>-11<sup>th</sup> grades with a no-credit class or in 12<sup>th</sup> grade with 2 no-credit classes (study hall, no class, aide, etc.).

**Signatures:** For High School Athletics, students need current coach's signatures. After tryouts for athletic teams, coaches will notify HS counseling office if a change needs to occur. Changes will be made only through the coaches. Foreign Language Signatures: For Foreign Language courses, you need your Foreign Language teacher's signature for 2<sup>nd</sup>, 3<sup>rd</sup>, or 4<sup>th</sup> year.

**Fine Arts/Cheerleading:** Students involved in band, orchestra, and choir will sign up for those courses on the registration form. Directors will place students in specific levels after tryouts in April. Schedules will be changed to reflect these decisions. Students who request Cheerleading or Drill Team will need to indicate which alternate course will replace it if they do not make the team.

**Alternates:** Students must list alternates for each of their electives. If the elective is a single semester course, then there must be an alternate which is also a single semester course. If the elective is a yearlong course, then there must be either a yearlong alternate or two (2) semester courses for alternates. Adjustments could be made to your course requests due to class sizes, master schedule conflicts, and requirement changes. It's important to choose alternates wisely.

# 2019-2020 Course Cheat Sheet

Deadline to change courses is June 14, 2019

½ = semester course, @ = two period course, F = fall, S = spring, + = interview required, \* = signature required

## English

1080 ESOL I \*  
1090 ESOL II \*  
1100 Read I \*  
1110 Eng I  
1120 Eng I H \*  
1130 Eng I Pre-AP \*  
1210 Eng II  
1220 Eng II H \*  
1230 Eng II Pre-AP \*  
1310 Eng III  
1320 Eng III H \*  
1330 Eng III AP \*  
1410 Eng IV  
1420 Eng IV H \*  
1430 Eng IV AP \*  
1440 Eng IV Dual \*  
1480 Creative Writing (AMCHS)  
1490 Lit in Pop Culture (AMCHS)

## Math

2210 Alg I  
2230 Alg I Pre-AP  
2410 Geom  
2410F Flipped Geom  
2420 Geom Pre-AP\*  
2250 Alg Reason \*  
2510 Alg II  
2520 Alg II Pre-AP \*  
2540 Data Analysis \*  
2600 PreCal  
2610 PreCal Pre-AP \*  
2630 AP Statistics \*  
2810 AP Calculus AB \*  
2820 AP Calculus BC \*  
2584 Math in Ag \*

## Science

3210 Biology  
3220 Bio Pre-AP \*  
3320 Bio II AP \*  
3110 IPC  
3410 Chemistry I  
3420 Chem I Pre-AP \*  
3430 Chem II AP \*  
3510 Physics: PT \*  
3610 Phys I \*  
3650 AP Phys I \*  
3644 AP Phys II \*  
3630 AP Phys C \*  
3719 Aquatic (AMCHS)  
3720 Env Systems (CSHS)  
3810 Anat and Phys \*  
3820 Anatomy and Phys H \*  
3830 Biotech H \*  
3850 Astronomy  
6054 Adv Anim Sci \* (AMCHS)

## Journalism

1503 Journalism I ½  
1510 Newspaper I \* +  
1520 Newspaper II \*  
1530 Newspaper III \*  
1540 Newspaper IV \*  
1610 Yearbook I \* +  
1620 Yearbook II \*  
1630 Yearbook III \*  
1640 Yearbook IV \*

## Social Studies

4120 Geog  
4130 Geog H \*  
4140 AP Human \*  
4100 W Hist  
4110 W Hist H \*  
4150 AP W Hist \*  
4210 US Hist  
4220 US Hist H \*  
4230 US Hist AP \*  
4313 Gov ½  
4313OL Online Govt ½  
4303 Gov H \* ½  
4321 AP Gov \* ½  
4323 Gov Dual \* ½  
4333 Econ ½  
4333OL Online Econ ½  
4343 Econ H \* ½  
4353 Econ Dual \* ½  
4363 AP Micro \* ½  
4513 Psychology ½  
4530 AP Psychology \* ½  
4613 Sociology ½  
4623 Personal Financial Lit ½

## Foreign Language

7010 French I  
7020 French II \*  
7030 French II H \*  
7040 French III Pre-AP \*  
7060 French IV AP \*  
7110 German I  
7120 Germ II \*  
7130 German II H \*  
7140 German III PreAP \*  
7150 German IV AP \*  
7210 Spanish I  
7220 Spanish II \*  
7230 Spanish II H \*  
7240 Span Herit Speakers \*  
7250 Span III Pre-AP\*  
7270 Span IV AP Lang \*  
7280 Span V AP Lit \*  
7310 Latin I  
7320 Latin II \*  
7330 Latin II H \*  
7340 Latin III PreAP \*  
7350 Latin IV AP \*  
7410 Mandarin I Online  
7420 Mandarin II Online

## Speech

1813 Comm App ½  
1820 Debate I/Comm App \*  
1840H Debate II H \*  
1850H Debate III H \*  
1930H Debate IV H \*  
1900 Oral Interp/Comm App \*  
1910 Oral Int II H \*  
1920 Oral Int III H \*

## Health and PE

5013 Health ½  
5051 Indiv Sports F ½  
5052 Ind Sports S ½  
5081 Boot Camp F ½  
5082 Boot Camp S ½  
5131F Girls Body Sculpt F ½

5132F Girls Body Sculpt S ½  
5131M Boys Weight Trng F ½  
5132M Boys Weight Trng S ½  
5121 Team Sports F ½  
5122 Team Sports S ½  
5061 Outdoor Ed F ½  
5062 Outdoor Ed S ½  
5111 Fitness Trng F ½  
5112 Fitness Trng S ½  
5151 Walking F ½  
5152 Walking S ½  
5270 Sports Med I \*  
5290 Sports Med II \*  
5284 Ath Trainer II  
5180 Ath Trainer III  
5184 Ath Trainer IV

Cheer – see page 32 in catalog

## Athletics

Volleyball 9<sup>th</sup> 5411V/5412V  
Volleyball 10<sup>th</sup> 5401/5402  
Volleyball 11<sup>th</sup> 5391/5392  
Volleyball 12<sup>th</sup> 5395/5396

Football 9<sup>th</sup> 5511/5512  
Football 10<sup>th</sup> 5521/5522  
Football 11<sup>th</sup> 5531/5532  
Football 12<sup>th</sup> 5535/5536

Girls Cross Country 9<sup>th</sup> 5441/5442  
Girls Cross Country 10<sup>th</sup> 5371/5372  
Girls Cross Country 11<sup>th</sup> 5381/5382  
Girls Cross Country 12<sup>th</sup> 5385/5386

Boys Cross Country 9<sup>th</sup> 5451/5452  
Boys Cross Country 10<sup>th</sup> 5471/5472  
Boys Cross Country 11<sup>th</sup> 5481/5482  
Boys Cross Country 12<sup>th</sup> 5485/5486

Girls Track 9<sup>th</sup> 5461/5462  
Girls Track 10<sup>th</sup> 5461/5432  
Girls Track 11<sup>th</sup> 5361/5362  
Girls Track 12<sup>th</sup> 5365/5366

Boys Track 9<sup>th</sup> 5601/5602  
Boys Track 10<sup>th</sup> 5631/5632  
Boys Track 11<sup>th</sup> 5561/5562  
Boys Track 12<sup>th</sup> 5565/5566

Girls Golf 9<sup>th</sup> 5741/5742  
Girls Golf 10<sup>th</sup> 5745/5746  
Girls Golf 11<sup>th</sup> 5751/5752  
Girls Golf 12<sup>th</sup> 5755/5756

Boys Golf 9<sup>th</sup> 5711/5712  
Boys Golf 10<sup>th</sup> 5715/5716  
Boys Golf 11<sup>th</sup> 5851/5852  
Boys Golf 12<sup>th</sup> 5855/5856

Tennis 9<sup>th</sup> 5551/5552  
Tennis 10<sup>th</sup> 5651/5652  
Tennis 11<sup>th</sup> 5661/5662  
Tennis 12<sup>th</sup> 5665/5666  
Swimming 9<sup>th</sup> 5761/5762  
Swimming 10<sup>th</sup> 5771/5772

Swimming 11<sup>th</sup> 5821/5822  
Swimming 12<sup>th</sup> 5825/5826  
Girls Basketball 9<sup>th</sup> 5411B/5412B  
Girls Basketball 10<sup>th</sup> 5421/5422  
Girls Basketball 11<sup>th</sup> 5491/5492  
Girls Basketball 12<sup>th</sup> 5495/5496

Boys Basketball 9<sup>th</sup> 5611/5612  
Boys Basketball 10<sup>th</sup> 5621/5322  
Boys Basketball 11<sup>th</sup> 5591/5592  
Boys Basketball 12<sup>th</sup> 5595/5596

Girls Soccer 9<sup>th</sup> 5341/5342  
Girls Soccer 9<sup>th</sup> 10<sup>th</sup> 5681/5682  
Girls Soccer 9<sup>th</sup> 11<sup>th</sup> 5841/5842  
Girls Soccer 9<sup>th</sup> 12<sup>th</sup> 5845/5846  
Boys Soccer 9<sup>th</sup> 5331/5332  
Boys Soccer 10<sup>th</sup> 5681/5682  
Boys Soccer 11<sup>th</sup> 5831/5832  
Boys Soccer 12<sup>th</sup> 5835/5836

Wrestling 9<sup>th</sup> 5781/5782  
Wrestling 10<sup>th</sup> 5791/5792  
Wrestling 11<sup>th</sup> 5811/5812  
Wrestling 12<sup>th</sup> 5815/5816

Gymnastics 9<sup>th</sup> 5301/5302  
Gymnastics 10<sup>th</sup> 5311/5312  
Gymnastics 11<sup>th</sup> 5321/5322  
Gymnastics 12<sup>th</sup> 5325/5326

Softball 9<sup>th</sup> 5411S/5412S  
Softball 10<sup>th</sup> 5721/5722  
Softball 11<sup>th</sup> 5731/5732  
Softball 12<sup>th</sup> 5735/5736

Baseball 9<sup>th</sup> 5691/5392  
Baseball 10<sup>th</sup> 5701/5702  
Baseball 11<sup>th</sup> 5641/5642  
Baseball 12<sup>th</sup> 5645/5645

Powerlifting 9<sup>th</sup> 5861/5862  
Powerlifting 10<sup>th</sup> 5865/5866  
Powerlifting 11<sup>th</sup> 5871/5872  
Powerlifting 12<sup>th</sup> 5875/5876

## Elective/Other

0110 AVID 9<sup>th</sup> 0120 AVID 10<sup>th</sup>  
0130 AVID 11<sup>th</sup> 0140 AVID 12<sup>th</sup>  
1033 Teen Leadership (CSHS)  
0100B Partner PE 1st Time (CSHS)  
0140B Partner PE 2nd Time (CSHS)  
0100A Partner Art 1st Time (CSHS)  
0140A Partner Art 2nd Time (CSHS)  
9211/9212 Office Aide F/S ½ \*  
9220 Library Aide \* (11-12)  
9231/9232 Couns Aid F/S ½ \*  
9240 Nurse Aide (11-12) \*  
9301/9302 Study Hall F/S ½  
9501/9502 SH/Driver Ed ½  
9111/9112 1<sup>st</sup> No Class (12)  
9121/9122 2<sup>nd</sup> No Class (12)  
9161/9162 6<sup>th</sup> No Class (12) (CSHS)  
9171/9172 7<sup>th</sup> No Class (12)  
9181/9182 8<sup>th</sup> No Class (12)  
(AMCHS)

**---Business and Industry Endorsement---**

**AG, FOOD & NATURAL RESOURCES**

6000 Intro to Ag, Food, Nat Res (9-11)  
 6010 Horticulture Science (10-12)  
~~6003 Turf Grass/Sports Fld Mgmt - ½ (10-12) not offered in 19-20~~  
~~6013 Landscape Des & Mngmt - ½ (10-12) not offered in 19-20~~  
 6020 Floral Design (10-12)  
 6024 Adv Floral Design H (11-12)  
~~6004 Adv Plant & Soil Sci \* (11-12) not offered 19-20~~  
 6030 Wldlf, Fish & Eco Mngmnt (10-12) (CSHS)  
 6034 Energy & Nat Resources - 1 (10-12) (CSHS)  
 6074 Range Eco & Mngmnt (10-12) (CSHS)  
 6014 Forest & Wldnd Ecosyst (10-12) (CSHS)  
 6064 Foods of Texas (10-12) (CSHS)  
 6060 Food Processing (11-12) @+ (CSHS)  
 6084 Pract in Ag: FoodProc H (12) @+ (CSHS)  
 6070 Ag Mech & Metal Fab (10-12) (AMCHS)  
 6080 Adv Ag Mech (11-12) @+ (AMCHS)  
 6084 Pract in Ag: Ag Mech H (12) @+ (AMCHS)  
 6040 Livestock Production (10-12)  
~~6043 Equine Science - ½ (10-12) (AMCHS) not offered 19-20~~  
~~6053 Small Animal Mngmnt - ½ (10-12) (AMCHS) not offered 19-20~~  
 6050 Vet Medical Apps H (11-12) @ \* (AMCHS)  
 6054 Adv Animal Science (12) \* (AMCHS)  
 6091, 6092 PBR Ag Sci I

**ARCHITECTURE & CONSTRUCTION**

6764 Principles of Construction - (9-12)  
 6240 Interior Design (10-12)  
 6750 Building Tech (10-12) @ + (CSHS)  
 6754 Adv Build Tech (11-12) @ + (CSHS)  
 6780 Architect Design (10-12) (CSHS)  
 6784 Adv Arch Des (11-12) @ + (CSHS)  
 6791, 6792 PBR Construction I

**HOSPITALITY AND TOURISM**

6900 Intro to Culinary (9-10)  
 6910 Culinary Arts (10-12) @ + (CSHS)  
 6920 Adv Culinary Arts (11-12) @ + (CSHS)  
 6791, 6792 PBR Culinary I

**INFORMATION TECHNOLOGY**

6300 Princ of Information Tech (9-11)  
 6320 Computer Maint H (10-12) (AMCHS)  
 6330 Comp Netwrkng H (11-12) @ (AMCHS)  
 6340 Computer Technician H (12) @ (AMCHS)  
 6350 Computer Prog I H (9-12)  
 6360 Computer Prog II H (10-12) \*  
 6470 Webpage Design (10-12)  
 6391, 6392 PBR IT I

**ARTS, AUDIO VISUAL & COMMUNICATION**

6310 Principles of Arts, A/V & Comm (9-11)  
 6230 Fashion Design (10-12)  
 6400 Digital Design and Media (10-12)  
 6404 Digital Art and Animation (10-12)  
 6440 Audio/Video Prod (10-12) +  
 6450 Adv Audio/Video Prod H (11-12) @ +  
 6460 Practicum in Audio/Video Prod H (12) @ +  
 6410 Graphic Design I (10-12)  
 6414 Graphic Design II H (11-12) @ \*  
 6424 Practicum in Graphic Arts H (12) @ \*  
 6420 Animation I (10-12) \*  
 6430 Animation II H (11-12) @ \*  
 6434 Practicum in Animation H (12) @ \*  
 6364 Video Game Design H (10-12) \*  
 6470 Webpage Design (10-12)  
 6474 Commercial Photography I (10-12) \*  
 6491, 6492 Art AV Comm I

**BUSINESS, MARKETING & FINANCE**

6510 Princ of Bus, Mrktng, & Fin - (9-11)  
 6503 Keyboarding - ½ (9-12)  
 6613 Fashion Marketing - ½ (9-12)  
 6623 Sports & Entertainment Mrktng - ½ (9-12)  
 6600 Entrepreneurship H (10-12)  
 6520 Bus Inform Mngmnt I (9-12)  
 6530 Bus Inform Mngmnt II-Hon (10-12) \*  
 6640 Accounting I-H (10-12)  
 6650 Accounting II-H (11-12) \*  
 6550 Business Law - (10-12)  
 6591, 6592 PBR Bus Mgmt I

**Other Business & Industry Endorsements**

- Journalism, Newspaper I, II, III, IV (4 credits)
- Journalism, Yearbook I, II, III, IV (4 credits)
- Debate I, II, III, IV (4 credits)

**---Arts and Humanities ---**

**ART**

8010 Art I (9-12)  
 8024 Art II Sculpture I (10-12) \*  
 8034 Art III Sculpture II (11-12) \*  
 8020 Art II Painting I (10-12) \*  
 8080 Art III Painting II (10-12) \*  
 8030 Art II Drawing I (10-12) \*  
 8040 Art III Drawing II (10-12) \*  
 8054 Art III PAP (11-12) \*  
 8050 AP Art History (11-12) \*  
 8070 AP Studio Art Drawing (12) \*  
 8074 AP Studio Art 2-D Design (12) \*  
 8064 AP Studio Art 3-D Design (12) \*

**CHOIR** (Consult Choir Director)

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 Choir Voc Ens I (9-12) \*  
 8360 Choir 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** (Consult Orchestra Director)

8710 Orchestra I \*  
 8720 Orchestra II \*  
 8730 Orchestra III \*  
 8740 Orchestra IV \*

**DANCE**

5200 Dance I (9-12)  
 5204 Dance II (10-12)  
 5210 Dance III (11-12)  
 5214 Dance IV (12)  
 5220 Pre-Drill Team Trnng (Dance I) (9-10)  
 5230 Drill Team / Adv Dance I \*  
 5234 Drill Team / Adv Dance II \*  
 5240 Drill Team / Adv Dance III \*  
 5245 Drill Team / Adv Dance IV \*  
 8560 Color Guard I \*  
 8564 Color Guard II \*  
 8570 Color Guard III \*  
 8574 Color Guard IV \*

**THEATER** (Consult Theatre Director)

8110 Theater Arts I (9-12)  
 8120 Theater Arts II (10-12) \*  
 8130 Theater Arts III (11-12) \*  
 8140 Theater Arts IV (12) \*  
 8150 Technical Theater I (10-12) \*  
 8160 Technical Theater II (11-12) \*  
 8170 Technical Theater III (12) \*  
 8154 Tech Th II: Theatrical Design (10-12) \*  
 8090 Theatre Production I (10-12) \*  
 8100 Theatre Production II (11-12) \*  
 8180 Theatre Production III (12) \*  
 8104 Improvisational Theatre (10-12)

**BAND** (Consult Band Director)

8450 Band I  
 8460 Band II  
 8470 Band III  
 8480 Band IV  
 8610 Jazz Ensemble I (9-12) \*  
 8620 Jazz Ensemble II (10-12) \*  
 8630 Jazz Ensemble III (11-12) \*  
 8640 Jazz Ensemble IV (12) \*

**Other Arts & Humanities Endorsements**

- 4 years of the same Language
- 5 Social Studies credits

**---Science, Technology, Engineering and Math (STEM)---**

**ENGINEERING**

6954 Intro to Eng & Design (9-11)  
 6767H Principles of Engineering (10-12)  
 6760 Engineering Des and Present H (10-12)  
 6940 Engineering Applications (11-12) +  
 6944 Engineering & Robotics H (11-12) +

**Other STEM Endorsements**

- 5 credits in Mathematics
- 5 credits in Science

**Career & Technology work opportunities**

6800 Career Prep I (11-12)  
 6890 Career Prep II (12)

**---Public Services---**

**HUMAN SERV & EDUC & TRAINING**

6200 (9-10)  
 6250 Child Development (10-12)  
 6213 Foods 101 - ½ (10-12)  
 6223 Dollars and Sense - ½ (10-12)  
 6270 Ready, Set, Teach (11-12) @ +  
 6274 Ready, Set, Teach 2 (12) @ +  
 6291, 6292 PBR Hum Serv I

**LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY**

6700 Principles of Law, Public Safety (9-12)  
 6710 Law Enforcement I (10-12)  
 6720 Law Enforcement II (11-12) \*  
 6731, 6732 PBR Law I

**HEALTH SCIENCES**

6120 Princ of Health Sci - (9-11)  
 6137 Medical Terminology ( )  
 6163 Health Science Theory  
 6163H Health Science Theory H  
 6166 Health Science Theory w/Clinicals  
 6166H Health Science Theory w/Clinicals H  
 6153 Pract in Hlth Sci - CMA @ + (AMCHS)  
 6156 Pract in Hlth Sci - CNA @ + (AMCHS)  
 6147 Pract in Hlth Sci - Pharm @ + (AMCHS)  
 6144 Pract in Hlth Sci - EMT H (12) @ + (AMCHS)  
 6191, 6192 PBR Health Science I



# 2019-2020 9<sup>th</sup> Grade Course Cheat Sheet

\* = signature required, F = fall, S = spring, ½ = semester course

**Deadline to change courses – June 14, 2019**

## English/Reading (\*English teacher initial required)

1080 ESOL\*  
1110 English I\*  
1120 English I H\*  
1130 English I PreAP\*  
1480 Creative Writing  
1100 Reading I \*

## Math (\*Math teacher initial required)

2210 Algebra I\*  
2230 Algebra I PreAP\*  
2410 Geometry\*  
2410F Flipped Geom \*  
2420 Geometry PreAP\*  
2510 Algebra 2  
2520 Algebra 2 Pre-AP \*

## Science (\*Science teacher initial required)

3210 Biology \*  
3220 Biology PreAP (requires Pre-AP Alg. I in MS) \*

## Social Studies (\*History teacher initial required)

4120 World Geog  
4130 World Geog H \*  
4140 AP Human Geography \*

## Speech (\*English teacher initial, if needed)

1813 Communication Applications - ½  
1820 Debate/Comm App (Comm App credit option) \*  
1900 Oral Interp/Comm App (Comm App credit option) \*

## Languages Other Than English (LOTE)

7010 French I\* (Eng. Teacher initial)  
7110 German I\* (Eng. Teacher initial)  
7210 Spanish I\* (Eng. Teacher initial)  
7220 Spanish II\* (Sp. Teacher initial)  
7230 Spanish II-H\* (Sp. Teacher initial)  
7240 Spanish for Heritage Speakers\* (Sp. Teacher initial)  
7310 Latin I \* (Eng. Teacher initial)  
7410 Mandarin Chinese I (online only) \* (Eng. Teacher initial)

## Fine Arts (full year courses)

5200 Dance I  
5220 Pre-Drill team (Dance I)  
8010 Art I  
8110 Theater Arts I  
8210 Boys Choir I (Men's Chorus)  
8310 Girls Choir I (Concert Choir)  
8450 Band I \*  
8560 Color Guard I \*  
8710 Orchestra I \*

*Tryouts for Choir and Orchestra will be held in late Spring/level changes made per Directors.*

## No Credit

9301 Study Hall – F - ½      9501 Drivers Ed/Study Hall (AMCHS) – F - ½      9211 Office Aide – F - ½  
9302 Study Hall – S - ½      9502 Drivers Ed/Study Hall (AMCHS) – S - ½      9212 Office Aide – S - ½

## Career and Technical Education/Other Electives

*See page 34-35 in the course catalog to show you where these intro courses lead*

0110 AVID 9<sup>th</sup> \*  
1033 Teen Leadership (CSHS only)  
1503 Journalism  
4613 Sociology - ½  
5013 Health - ½  
5270 Sports Medicine I  
6000 Introduction to Ag/Food/Natural Res  
6310 Principles of Arts, A/V & Comm  
6350 Computer Programming I \***Math teacher sig required**  
6503 Keyboarding - ½  
6520 Business Information Management I  
6120 Principles of Health Science  
6200 Teen Living  
6300 Principles of Information Technology  
6700 Principles of Law & Public Safety  
6510 Principles of Business, Marketing, & Finance  
6613 Fashion Marketing - ½  
6623 Sports & Entertainment Marketing - ½  
6764 Principles of Construction  
6954 Introduction to Engineering Design  
6900 Introduction to Culinary  
5251/5252 Cheerleading

## Athletics (\*Coach initial required)

<u>SPORT</u>	<u>FALL</u>	<u>SPRING</u>
Girls Volleyball *	5411V	5412V
Boys Football *	5511	5512
Girls Cross Country *	5441	5442
Boys Cross Country *	5451	5452
Girls Track *	5461	5462
Boys Track *	5601	5602
Girls Golf *	5741	5742
Boys Golf *	5711	5712
Tennis *	5551	5552
Swimming *	5761	5762
Girls Basketball *	5411B	5412B
Boys Basketball *	5611	5612
Girls Soccer *	5341	5342
Boys Soccer *	5331	5332
Wrestling *	5781	5782
Gymnastics *	5301	5302
Girls Softball *	5411S	5412S
Boys Baseball *	5691	5692

## Physical Education (PE) (choose by semester)

<u>COURSE</u>	<u>FALL</u>	<u>SPRING</u>
Individual sports	5051	5052
Team Sports	5121	5122
Outdoor Ed.	5061	5062
Girls Body Sculpting	5131F	5132F
Boys Weight Trng	5131M	5132M
Fitness Training	5111	5112
Aerobic Walk	5151	5152

**Reminder:** Classes with the label (H), (Pre-AP) or (AP) are on a 5.0 scale. See page 15 in the Course Catalog for a GPA calculations chart.