High School

COURSE CATALOG

2020-2021
College Station ISD Course Catalog for High School

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** 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 College Station ISD

As you look over the information in this book, we encourage you to plan for your future. 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 9th 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 10th 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.

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

<table>
<thead>
<tr>
<th>Career and Technical Education programs offered at CSHS only</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture Science – Food Processing, Wildlife and Natural Resources</td>
</tr>
<tr>
<td>Construction</td>
</tr>
<tr>
<td>Hospitality - Culinary</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Career and Technical Education programs offered at AMCHS only</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture Science – Mechanical and Animal Science</td>
</tr>
<tr>
<td>Information Technology – Computer Technology</td>
</tr>
<tr>
<td>Health Science</td>
</tr>
</tbody>
</table>

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 Academica, 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.

College Station Independent School District
Success...each life.... each day.... each hour
CSISD 5 Year Plan – Spring 2020

Students will begin planning their high school program in the 8th 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 11th grade.

Name: 

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

Program of Study (CTE):  
- [ ] Plant Science  

**Foundation Credits – Total 22**  
- English: 4  
- Math: 3  
- Science: 3  
- Social Studies: 3  
- Electives: 5  

**Post High School Plans**  
- circle one  
  - 2 or 4-Year College  
  - Technical Training  
  - Military  
  - Other  

<table>
<thead>
<tr>
<th><strong>MS Courses for HS Credit (circle)</strong></th>
<th><strong>Algebra</strong></th>
<th><strong>Geometry</strong></th>
<th><strong>Algebra 2</strong></th>
<th><strong>Foundations PE</strong></th>
<th><strong>Keyboarding</strong></th>
<th><strong>Spanish 1</strong></th>
<th><strong>Spanish 2</strong></th>
<th><strong>Spanish 3</strong></th>
<th><strong>Communication Applications</strong></th>
<th><strong>Other:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9th Grade</strong></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English</td>
<td>English 1 Honors</td>
<td>English 2 Honors</td>
<td>English 3 Honors</td>
<td>Dual English 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math</td>
<td>Geometry Pre AP</td>
<td>Algebra 2 Pre AP</td>
<td>Pre-Cal Pre AP</td>
<td>AP Calculus AB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
<td>Environmental Systems</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>World Geog Honors</td>
<td>World Hist Honors</td>
<td>US History Honors</td>
<td>Gov Dual / Econ Dual</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>Spanish 2</td>
<td>Floral Design</td>
<td>Advanced Floral Design</td>
<td>Practicum in Ag: Floral</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>Softball</td>
<td>Softball</td>
<td>Softball</td>
<td>Practicum in Ag: Floral</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>Principles of Business, Mktg and Finance</td>
<td>Accounting I</td>
<td>Accounting II</td>
<td>Softball</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Required Electives:** 1 PE, 1 Fine Art, 2 Foreign Language (same)  
**Other Electives:** CTE classes, extra core classes, additional PE, fine arts, foreign language, etc.
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. 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

<table>
<thead>
<tr>
<th>Foundation High School Plan (FHSP)</th>
<th>Foundation High School Plan (FHSP) with Endorsement</th>
<th>FHSP with Endorsement &amp; Distinguished Level of Achievement</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English</td>
<td>English</td>
</tr>
<tr>
<td>4 credits</td>
<td>4 credits</td>
<td>4 credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Mathematics</td>
<td>Mathematics</td>
</tr>
<tr>
<td>3 credits</td>
<td>4 credits</td>
<td>4 credits</td>
</tr>
<tr>
<td>Must include Algebra 1 and Geometry</td>
<td>Must include Algebra 1 and Geometry</td>
<td>Must include Algebra 1, Geometry and Algebra II</td>
</tr>
<tr>
<td>Science</td>
<td>Science</td>
<td>Science</td>
</tr>
<tr>
<td>3 credits</td>
<td>4 credits</td>
<td>4 credits</td>
</tr>
<tr>
<td>Must include Biology and Chemistry/Physics</td>
<td>Must include Biology and Chemistry/Physics</td>
<td>Must include Biology and Chemistry/Physics</td>
</tr>
<tr>
<td>Social Studies</td>
<td>Social Studies</td>
<td>Social Studies</td>
</tr>
<tr>
<td>3 credits</td>
<td>3 credits</td>
<td>3 credits</td>
</tr>
<tr>
<td>Includes US History, Govt, Econ and either W Geog or W Hist.</td>
<td>Includes US History, Govt, Econ and either W Geog or W Hist.</td>
<td>Includes US History, Govt, Econ and either W Geog or W Hist.</td>
</tr>
<tr>
<td>Languages Other than English</td>
<td>Languages</td>
<td>Languages</td>
</tr>
<tr>
<td>2 credits</td>
<td>2 credits</td>
<td>2 credits</td>
</tr>
<tr>
<td>(Level I &amp; II of same language)</td>
<td>(Level I &amp; II of same language)</td>
<td>(Level I &amp; II of same language)</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>Fine Arts</td>
<td>Fine Arts</td>
</tr>
<tr>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
<td>Physical Education</td>
</tr>
<tr>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
</tr>
<tr>
<td>(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.)</td>
<td>(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.)</td>
<td>(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.)</td>
</tr>
<tr>
<td>Electives</td>
<td>Electives</td>
<td>Electives</td>
</tr>
<tr>
<td>5 credits</td>
<td>7 credits</td>
<td>7 credits</td>
</tr>
</tbody>
</table>

* Foundation High School Plan is the minimum requirements to graduate from a Texas High School. Students may not consider this plan until both their 16th birthday and the completion of 10th grade.

** Some endorsements require more than the credits listed above. For more information on endorsements and performance acknowledgements see pages 7-11.
Endorsement Areas

<table>
<thead>
<tr>
<th>Endorsement Areas</th>
<th>Courses</th>
<th>STEM</th>
<th>Business/Industry</th>
<th>Arts/Humanities</th>
<th>Public Services</th>
<th>Multidisciplinary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business and Industry</td>
<td></td>
<td>English 1,2,3,4</td>
<td>English 1,2,3,4</td>
<td>English 1,2,3,4</td>
<td>English 1,2,3,4</td>
<td>English 1,2,3,4</td>
</tr>
<tr>
<td>Agricultural, Food and Natural Resources, Architecture and Construction, Arts, Audio Visual and Comm, Business Management and Administration, English Electives, Hospitality and Tourism, Information Technology, Marketing and Finance</td>
<td>Mathematics</td>
<td>Algebra 1, Geometry, Algebra 2 plus 1 advanced math</td>
<td>Algebra 1, Geometry plus 1 math and 1 advanced math</td>
<td>Algebra 1, Geometry plus 1 math and 1 advanced math</td>
<td>Algebra 1, Geometry plus 1 math and 1 advanced math</td>
<td>Algebra 1, Geometry plus 1 math and 1 advanced math</td>
</tr>
<tr>
<td>Public Service</td>
<td>Health Sciences, Human Services and Education and Training, Law, Public Safety, Corrections and Security</td>
<td>Science</td>
<td>Biology, Chemistry, Physics plus 1 advanced science (can be IPC if taken before Chemistry and Physics)</td>
<td>Biology, IPC or advanced science plus 2 advanced sciences</td>
<td>Biology, IPC or advanced science plus 2 advanced sciences</td>
<td>Biology, Chemistry, Physics plus 1 advanced science OR Chemistry or Physics plus 2 advanced sciences</td>
</tr>
<tr>
<td>Multidisciplinary</td>
<td>4 credits in the four core subjects – this is the default endorsement for all students unless they choose something different</td>
<td>Languages Other Than English</td>
<td>2 years of the same language (I and II)</td>
<td>2 years of the same language (I and II)</td>
<td>2 years of the same language (I and II)</td>
<td>2 years of the same language (I and II)</td>
</tr>
<tr>
<td></td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
</tr>
<tr>
<td>Electives – from Career and Technical Education clusters or from additional core classes</td>
<td>Engineering OR Science 5 credits OR Math 5 credits</td>
<td>Art OR Music OR Dance OR Theater OR Foreign Language OR Social Studies</td>
<td>Education and Training, Human Services, Law, Public Safety, Corrections and Security, Health Sciences</td>
<td>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</td>
<td>1 credit (PE or athletics)</td>
<td>1 credit (PE or athletics)</td>
</tr>
</tbody>
</table>

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.
## Additional Endorsement Information

<table>
<thead>
<tr>
<th>Science, Technology, Engineering and Math</th>
<th>Business/Industry</th>
<th>Arts/Humanities</th>
<th>Public Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students must complete Algebra 2, Chemistry and Physics in addition to one of the following options…</td>
<td>A coherent sequence of courses of 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 Career and Technical Education course listed below…</td>
<td>This endorsement can be earned one of four ways…</td>
<td>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).</td>
</tr>
<tr>
<td>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)</td>
<td><strong>Advanced Career and Technical Education courses include</strong> Principles of Engineering, Civil Engineering and Architecture or Engineering Design and Development</td>
<td></td>
<td></td>
</tr>
<tr>
<td>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)</td>
<td><strong>Architecture and Construction</strong></td>
<td>2. Four levels of the same Foreign Language: German, French, Latin, Spanish</td>
<td></td>
</tr>
<tr>
<td>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</td>
<td><strong>Arts, AV Tech and Comm</strong></td>
<td>3. Two levels of a World Language and two levels of a different World Language: German, French, Latin, Spanish, Chinese</td>
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<tr>
<td></td>
<td>Aud Vido Prod, Adv and Pract</td>
<td>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.</td>
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<td></td>
<td>AV</td>
<td><strong>Education and Training</strong></td>
<td><strong>Health Science</strong></td>
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<tr>
<td></td>
<td>Animation I,II, Practicum</td>
<td>Instructional Practices I and II</td>
<td>Health Science Theory</td>
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<tr>
<td></td>
<td>Video Game Design, Game Programming I, II</td>
<td>Practicum in Pharmacy Tech</td>
<td>Practicum in CMA</td>
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<td></td>
<td>Graphic Design I,II</td>
<td>Practicum in CNA</td>
<td>Practicum in EMT</td>
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<tr>
<td></td>
<td>Webpage Design</td>
<td><strong>Law, Public Safety, Corrections and Security</strong></td>
<td><strong>Principles of Law, Public Safety, Corrections and Security</strong></td>
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<tr>
<td></td>
<td><strong>Business Mgmt, Admin, Marketing and Finance</strong></td>
<td><strong>Intro to Law Enforcement</strong></td>
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<td></td>
<td>BIMM II</td>
<td><strong>Health Science</strong></td>
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<td></td>
<td>Entrepreneurship</td>
<td>Health Science Theory</td>
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<tr>
<td></td>
<td>Accounting II</td>
<td>Practicum in Pharmacy Tech</td>
<td></td>
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<td></td>
<td><strong>Hospitality and Tourism</strong></td>
<td>Practicum in CMA</td>
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<td></td>
<td>Culinary Arts and Pract</td>
<td>Practicum in CNA</td>
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<tr>
<td></td>
<td>Culinary</td>
<td>Practicum in EMT</td>
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<tr>
<td></td>
<td><strong>Information Technology</strong></td>
<td><strong>Law, Public Safety, Corrections and Security</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Computer Maintenance</td>
<td><strong>Principles of Law, Public Safety, Corrections and Security</strong></td>
<td></td>
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<tr>
<td></td>
<td>Telecommunications</td>
<td><strong>Intro to Law Enforcement</strong></td>
<td></td>
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<td></td>
<td>Computer Technician</td>
<td><strong>Health Science</strong></td>
<td></td>
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<tr>
<td></td>
<td>Programming II</td>
<td>Health Science Theory</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Webpage Design</td>
<td>Practicum in Pharmacy Tech</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Video Game Design</td>
<td>Practicum in CMA</td>
<td></td>
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<tr>
<td></td>
<td><strong>Four English Elective credits</strong> including three from either debate, yearbook or newspaper</td>
<td><strong>Law, Public Safety, Corrections and Security</strong></td>
<td><strong>Principles of Law, Public Safety, Corrections and Security</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Education and Training</strong></td>
<td><strong>Intro to Law Enforcement</strong></td>
<td><strong>Health Science</strong></td>
</tr>
</tbody>
</table>

### Advanced Career and Technical Education courses include Principles of Engineering, Civil Engineering and Architecture or Engineering Design and Development.
Academic Endorsements (CTE Endorsements – see pages 41-65)

Multidisciplinary Endorsement

- **Freshman Year**
  - English, Math, Science, Social Studies

- **Sophomore Year**
  - English, Math, Science, Social Studies

- **Junior Year**
  - English, Math, Science, Social Studies

- **Senior Year**
  - English, Math, Science, Social Studies

Business and Industry Endorsement

- **English Electives**
  - **Newspaper or Yearbook**

- **Freshman Year**
  - Advanced Journalism NP or Yearbook I

- **Sophomore Year**
  - Advanced Journalism NP or Yearbook II

- **Junior Year**
  - Advanced Journalism NP or Yearbook III

- **Senior Year**
  - Advanced Journalism NP or Yearbook IV

- **English Electives**
  - **Debate/Oral Interp**

- **Freshman Year**
  - Debate I / Oral Interp I

- **Sophomore Year**
  - Debate II / Oral Interp II

- **Junior Year**
  - Debate III / Oral Interp III

- **Senior Year**
  - Ind. Study Speech/Oral Interp IV

STEM Endorsement

- **STEM Math**
  - (5 math)

- **Freshman Year**
  - (or before)
  - Alg 1, Alg 2, Geom

- **Sophomore Year**
  - Alg 2, Pre Cal

- **Junior Year**
  - Pre Cal, AP Calculus AB, BC

- **Senior Year**
  - AP Calculus AB, BC, AP Stat, Alg 3

- **STEM Science**
  - (5 science)

- **Freshman Year**
  - Bio, IPC or Chem

- **Sophomore Year**
  - IPC, Chem, Physics

- **Junior Year**
  - Chem, Physics, AP Chem, AP Bio, AP Physics 1, 2 or C

- **Senior Year**

Arts & Humanities Endorsement

- **Freshman Year**
  - Theatre I

- **Sophomore Year**
  - Theatre II, Theatre Prod I, Tech Theatre I or Improv Theatre

- **Junior Year**
  - Theatre III, Theatre Prod II, Tech Theatre II or Improv Theatre

- **Senior Year**
  - Theatre IV, Theatre Prod III, Tech Theatre III or Improv Theatre

- **Freshman Year**
  - Dance I or Adv Dance I (Drill)

- **Sophomore Year**
  - Dance II or Adv Dance II (Drill)

- **Junior Year**
  - Dance III or Adv Dance III (Drill)

- **Senior Year**
  - Dance IV or Adv Dance IV (Drill)
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 1st of the student’s senior year. A student may earn a performance acknowledgment on their transcript for outstanding performance in one or more of the following ways:

- **College Credit**
  - complete at least 12 hours of college academic courses, including dual credit with at least a 3.0

- **AP Test**
  - earn a score of 3+ on any AP exam

- **Bilingualism**
  - demonstrate proficiency in two or more languages AND 3 credits in the same language, complete a level IV course with an 80 or earn a 3 or higher on an AP exam for a language other than English

- **Standardized Test**
  - be recognized as National Merit, Commended or Hispanic Scholar on the PSAT, earn a 1310 on the SAT or earn a 28 on the ACT

- **Certificate/License**
  - earn a nationally recognized business or industry certification

**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 8th 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 9th, 10th, and 11th grade will meet with their counselor individually to choose their courses for the next year. Students in 8th grade will meet individually with one of the secondary counselors to plan their high school courses.
Parents of 8th grade students will have 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 12, 2020. 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 12 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 5th 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 7th and 8th 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:

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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 (480 in EBRW and 530 Math) 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 BITC 1411) – 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.

Grade Point Averages and Ranking
GPAs 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 GPAs 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 and courses taken for initial credit or credit recovery)

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 (the grade earned in these courses will appear on the transcript, but it doesn’t calculate in the GPA)
- 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Advanced Tech Credit</td>
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<tr>
<td>B</td>
<td>Repeat Course</td>
</tr>
<tr>
<td>C</td>
<td>Correspondence</td>
</tr>
<tr>
<td>D</td>
<td>Dual Credit</td>
</tr>
<tr>
<td>E</td>
<td>Credit or Acceleration</td>
</tr>
<tr>
<td>F</td>
<td>Fail</td>
</tr>
<tr>
<td>H</td>
<td>Honors</td>
</tr>
<tr>
<td>J</td>
<td>HS Course Before Grade 9</td>
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<tr>
<td>MD</td>
<td>Module Course</td>
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<tr>
<td>P</td>
<td>Pass or AP course</td>
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<tr>
<td>Q</td>
<td>Pre AP course</td>
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<tr>
<td>R</td>
<td>Summer School</td>
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<td>T</td>
<td>Credit by Exam</td>
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<tr>
<td>WF</td>
<td>Withdraw Failing</td>
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<tr>
<td>WP</td>
<td>Withdraw Passing</td>
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<tr>
<td>X</td>
<td>TEA Innovative Course</td>
</tr>
<tr>
<td>I</td>
<td>PE Substitution</td>
</tr>
<tr>
<td>*</td>
<td>denied credit for attendance</td>
</tr>
</tbody>
</table>

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 meet the following criteria:

- Senior in standing
- Take English, mathematics, science, and social studies courses during the regular school year for two consecutive years in CSISD and earn an overall grade point average of 3.75 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*

<table>
<thead>
<tr>
<th>Semester Grade</th>
<th>Honors, Pre-AP, AP Courses</th>
<th>On-Level Courses</th>
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All classes below a 69 receive 0 credit
English Courses

English 1  
(03220100 ENG 1)  
# 1110  9th  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  
(03220100 ENG 1)  
# 1120  9th  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  
(03220100 ENG 1)  
# 1130  9th  1 credit  5.0  
Prerequisite(s): Teacher Recommendation  
Course Description: Prepares intrinsically motivated, task oriented, proficient readers and disciplined writers for success in our 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 1, 2  
(03200600 ENG1 SOL) (03200700 ENG2 SOL)  
# 1080, 1090  9th - 12th  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  
(03220200 ENG 2)  
# 1210  10th  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 biographies/memoirs and informational texts. (English credit)

English II Honors  
(03220200 ENG 2)  
# 1220  10th  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  
(03220200 ENG 2)  
# 1230  10th  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  
(03220300 ENG 3)  
# 1310  11th  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  
(03220300 ENG 3)  
# 1320  11th  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**  
(A3220100 APENGLAN)  
# 1330  11th  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 Dual Enrollment/Blinn Freshman English**  
(03220400 ENG 4) (ENG 1301, ENG 1302)  
# 1440  12th  1 credit  4.0  
**Prerequisite(s):** English III, acceptance to Blinn (includes all minimum score requirements).  
**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 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 1500-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 can 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)**  
(03221200 CREAT WR)  
# 1480  9th-12th  .5 credit  4.0/5.0  
**Prerequisites:** 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. 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)
Debate I / Communication Applications
(03240600 DEBATE 1, 03241400 COMMAPP)
# 1820 9th-12th 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
(03240700 DEBATE 2, 03240800 DEBATE 3, 03241200 IND SPCH)
# 1840H Debate 2 1 credit 5.0
# 1850H Debate 3 1 credit 5.0
# 1930H Debate 4 1 credit 5.0
Prerequisite(s): Debate 1
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
(03240200 ORALINT1, 03241400 COMMAPP)
# 1900 9th-12th 1-1.5 credits 4.0
Prerequisite(s): None
Course Description: Full year course will enable the student to earn 1/2 credit for Communication Applications and 1 Credit for Oral Interpretation. Designed for students who want advanced training in a variety of public speaking and performance activities. Students will be trained in a variety of events offered from the Texas Forensic Association (TFA), National Forensic League (NFL) and the University Interscholastic League (UIL). Students will compose original oratories, follow and speak on current issues, and as select, analyze, and perform a variety of literary works. Students will be expected to work autonomously and complete individualized assignments by specified deadlines. Participation in Speech and Debate Team is encouraged but not required. (Elective credit) Fee: cost for travel with speech/debate team

Oral Interpretation II Honors, III Honors
(03240300 ORALINT2, 03240400 ORALINT3, 03241200 IND SPCH)
# 1910 Oral Int 2 10th-12th 1 credit 5.0
# 1920 Oral Int 3 10th-12th 1 credit 5.0
# 1930 Oral Int 4 10th-12th 1 credit 5.0
Prerequisite(s): Oral Interpretation I, Debate I or Debate II Honors
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
(03133500 ALG 1)
# 2210 9th 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 quadratic equations. 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
(03133500 ALG 1)
# 2230 9th 1 credit 5.0  
**Prerequisite(s):** Teacher recommendation, 95 or higher in 8th 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
(03100700 GEOM)
# 2410 9th, 11th 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
(03100700 GEOM)
# 2410F 9th, 10th 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)

#### Algebraic Reasoning
(03102540 ALGREA)
# 2250 10th-12th 1 credit 4.0  
**Prerequisite(s):** Algebra 1  
**Course Description:** Students will build on the knowledge and skills for mathematics previously presented in Algebra 1. 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
(03100600 ALG 2)
# 2510 10th-12th 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
(03100600 ALG 2)
# 2520 10th-11th 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)

#### Mathematical Applications in Ag, Food and Natural Resources
(13001000 MATHAFNR)
# 2584 11th-12th 1 credit 4.0  
**Prerequisite(s):** Intro to AFNR, Algebra 1, teacher 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
(03102530 STATS)
# 2540 11th-12th 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
(03101100 PRE CALC)
# 2600 11th-12th 1 credit 4.0
Prerequisite(s): 80 or above in Algebra 2
Course Description: 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. A Graphing calculator is recommended for this course. (Math credit)

Pre-Calculus Pre-AP
(03101100 PRE AP)
# 2610 11th-12th 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
(A3100200 APSTATS)
# 2630 11th-12th 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
(A3100101 APCALCAB)
# 2810 12th 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
(A3100102 APCALCBC)
# 2820 12th 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**  
(03010200 BIO)  
#3210  9th  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**  
(03010200 BIO)  
# 3220  9th  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**  
(A3010200 APBIO)  
# 3320  11th-12th  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)**  
(03060201 IPC)  
# 3110  10th  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**  
(03040000 CHEM)  
# 3410  10th-12th  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**  
(03040000 CHEM)  
# 3420  10th-12th  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**  
(A3040000 APCHEM)  
# 3430  11th-12th  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: $5 goggles optional, AP National Exam, optional

**Physics: Principles of Technology**  
(13037100 PRINTECH)  
# 3510  11th-12th  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 using technology and hands-on activities. (Science credit)

**Physics I**  
(03050000 PHYSICS)  
# 3610  11th-12th  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**  
(A3050003 APPHYS1)  
# 3650  10th-12th  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  
(A3050004 AP PHYS2)  
# 3644  
11th-12th  
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  
(A3050005 AP PHYSCE)  
# 3630  
11th-12th  
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  
(13020600 ANATPHYS)  
# 3810  
11th-12th  
1 credit 4.0  
Prerequisite(s): Biology and a second science credit  

**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  
(13020600 ANATPHYS)  
# 3820  
11th-12th  
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)

Forensic Science  
(13029500 FORENSCI)  
# 6173  
11th-12th  
1 credit 4.0  
Prerequisite(s): Biology and Chemistry required; any Law, Public Safety, Corrections and Security course recommended  

**Course Description:** Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science.

Environmental Systems  
(03020000 ENVIRSYS)  
# 3720  
11th-12th  
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  
(13036400 BIOTECH1)  
# 3830  
12th  
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.  
*(Technical Dual Credit at CSHS (see page 11-12). (Science Credit)  
Fee: $15 Lab Notebook Required

Astronomy  
(03060100 ASTRMY)  
# 3850  
11th-12th  
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)  
(13000700 ADVANSCI)  
# 6054  
12th  
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)

**Advanced Plant & Soil Science (CSHS)**
(13002100 ADVPSSCI)
# 6004 11th-12th 1 credit 5.0

**Prerequisite(s):** Horticulture Science

**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 students in the Plant Science or Natural Resource Pathways to earn their fourth science credit in an agriculture science class. *Offered 2020-21; Not offered 21-22. (Science Credit)
### World History Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Grade Level</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>#4100</td>
<td>World History Honors</td>
<td>9th-12th</td>
<td>1</td>
<td>Teacher recom.</td>
<td>Provides opportunities for students to demonstrate command of course themes and key concepts through activities and assignments</td>
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<tr>
<td>#4110</td>
<td>World History Honors</td>
<td>9th-12th</td>
<td>1</td>
<td>Teacher recom.</td>
<td>Provides opportunities for students to demonstrate command of course themes and key concepts through activities and assignments</td>
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### World Geography Courses

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<th>Course Code</th>
<th>Course Title</th>
<th>Grade Level</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Course Description</th>
</tr>
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<tr>
<td>#4140</td>
<td>AP Human Geography</td>
<td>9th-12th</td>
<td>1</td>
<td>Teacher recom.</td>
<td>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.</td>
</tr>
<tr>
<td>#4120</td>
<td>World Geography Honors</td>
<td>9th-12th</td>
<td>1</td>
<td>Teacher recom.</td>
<td>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.</td>
</tr>
<tr>
<td>#4130</td>
<td>World Geography</td>
<td>9th-12th</td>
<td>1</td>
<td>Teacher recom.</td>
<td>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.</td>
</tr>
</tbody>
</table>

### U.S. History Courses

<table>
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<td>#4210</td>
<td>U. S. History</td>
<td>11th</td>
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<td>None</td>
<td>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.</td>
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| #4220           | U. S. History Honors          | 11th        | 1       | Teacher recom.   | 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. (Social Studies credit)

**U. S. History AP**  
(A3340100 APUSHIST)  
# 4230 $\text{11}^{\text{th}}$ 1 credit 5.0  
**Prerequisite(s):** Pre-AP/AP English highly recommended  
**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. (Social Studies credit) Fee: AP National Exam, optional

**U. S. Government (Fall or Spring)**  
(03330100 GOVT)  
# 4313 $\text{11}^{\text{th}}, \text{12}^{\text{th}}$ .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**  
(03330100 GOVT)  
# 4303 $\text{11}^{\text{th}}, \text{12}^{\text{th}}$ .5 credit 5.0  
**Prerequisite(s):** US History and Geography or World History  
**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**  
(A3330100 APUSGOVT)  
# 4321 $\text{11}^{\text{th}}, \text{12}^{\text{th}}$ .5 credit 5.0  
**Prerequisite(s):** US History and Geography or World History  
**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**  
(03330100 GOVT / BLINN 2305)  
# 4323 $\text{11}^{\text{th}}, \text{12}^{\text{th}}$ .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  
**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**  
(03330100 GOVT)  
# 4313OL $\text{11}^{\text{th}}, \text{12}^{\text{th}}$ .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**  
(03310300 ECO-FE)  
# 4333 $\text{11}^{\text{th}}, \text{12}^{\text{th}}$ .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 (03310300 ECO-FE)
# 4343 11th-12th .5 credit 5.0
Prerequisite(s): US History and Geography or World History
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 (A3310100 APMICECO)
# 4363 11th-12th .5 credit 4.0
Prerequisite(s): US History and Geography or World History
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 Principles of Economics (03310300 ECO-FE / BLINN 2301)
# 4353 11th-12th .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
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 (03310300 ECO-FE)
# 4333OL 11th-12th .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 (03370100 SOC)
# 4613 9th-12th .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 (03350100 PSYCH)
# 4513 11th-12th .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 (03380002 SPTSS and A3350100 APPSYCH)
# 4530 11th-12th 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

American History Through Film (03380002 SSADV1)
#4233 11-12 .5 credit 5.0
Prerequisite(s): Previous Honors or AP Social Studies
Course Description: This class will examine historical periods in American History through film. Motion pictures have been around for well over 100 years, and their value as a storytelling medium has had a profound impact on how Americans view history. On many occasions, Hollywood gets a lot right, but occasionally they embellish the story to make it more gripping. No matter how factual the film, there are things that can be learned about the period in which the film was made as well as the period in which the film takes place. In this class, we will be focusing on the late 19th century to the present. (Elective Credit)

Personal Financial Literacy (03380082 PFL)
# 4623 10th-12th .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
(03410100 FREN 1)
# 7010 9th-12th 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
(03410200 FREN 2)
# 7020 9th-12th 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
(03410200 FREN 2)
# 7030 9th-12th 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
(03410300 FREN 3)
# 7040 10th-12th 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
(A3410100 APFR LAN)
# 7060 10th-12th 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
(03420100 GERMAN 1)
#7110 9th-12th 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
(03410200 GERMAN 2)
# 7120 9th-12th 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
(03410200 GERMAN 2)
# 7130 9th-12th 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 throughout the year. Students are expected to use the target language as much as possible in the classroom.

German III Pre-AP
(03410300 GERMAN 3)
# 7140 9th-12th 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
(A3420100 APGR LAN)
# 7150 9th-12th 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
(03430100 LATIN 1)
# 7310 9th-12th 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 also placed on the history and culture of the Roman people. (LOTE credit)
Latin II (03430200 LATIN 2)
# 7320 10th-12th 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 (03430200 LATIN 2)
# 7330 10th-12th 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 (03430300 LATIN 3)
# 7340 11th-12th 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 (A3430100 APLATVG)
# 7350 12th 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 (03440100 SPAN 1)
# 7210 9th-12th 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 (03440110 SSSPAN 1)
# 7240 9th-12th 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 (03440200 SPAN 2)
# 7220 9th-12th 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 (CSHS only) (03440200 SPAN 2)
# 7220PB 9th-12th 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 (03440200 SPAN 2)
# 7230 9th-12th 1 credit 5.0
Prerequisite(s): 90 or above in Spanish 1 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 (03440300 SPAN 3)
# 7250 9th-12th 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 (A3440100 APSPALAN)
# 7270 9th-12th 1 credit 5.0
Prerequisite(s): Spanish III
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

Fee: AP National Exam, optional
Spanish V AP Literature and Culture
(A3440200 APSPALIT)
# 7280 9th-12th 1 credit 5.0
Prerequisite(s): Spanish IV
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)
(03490100 CHIN 1)
# 7410 9th-11th 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)
(03490200 CHIN 2)
# 7420 10th-12th 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: The following courses can be contracted for Honors credit provided the student has completed the level 1 and level 2 of their chosen fine art field. Students must be a junior or senior. Students who have not taken both level 1 and level 2 of their chosen fine arts field are not eligible for honors contracts. Specific contracts must be signed and turned in at the beginning of the school year. Students are not allowed to “drop” from the honors contract after the contract is signed and turned in. If a student fails to fulfill the honors-level requirement/assignment, they would be subject to a lowered grade due to the missed requirement/assignment. All requirements/assignments must be fulfilled or completed by the end of each semester.

Orchestra III, IV (2 total)
Band 3, 4 and Jazz Band 3, 4 (4 total)
Choir – no more than 4 total honors credits in the junior and senior year; all choirs are eligible
Theatre – no more than 4 total honors credits in the junior and senior year; all theatre classes are eligible
Dance – Dance 3, Dance 4 or Advanced Dance 3, Advanced Dance 4 (2 total)
Colorguard 3, 4 (2 total)

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
(03500100 ART 1)
# 8010 9th-12th 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
(03500500 ART2DRAW)
# 8030 10th-12th 1 credit 4.0
Prerequisite(s): B average in Art 1 and Teacher Recommendation
Course Description: 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
(03501300 ART3DRAW)
# 8040 11th-12th 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
(0350100 ART2SCLP)
# 8024 10th-12th 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 expected 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
(03501900 ART3SCLP)
# 8034 11th-12th 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: $25 Supplies (some personal expenses to be expected)

Art II – Painting I
(03500600 ART2PATG)
# 8020 10th-12th 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
(03501400 ART3PATG)
# 8080 11th-12th 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 regard 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
(03500300 ART3)
# 8054 11th-12th 1 credit 5.0
Prerequisite(s): Art 1, Art 2
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 Selected Works section of their portfolio. (Fine Arts Credit or Elective Credit) Fee: $25 Supplies (some personal expenses to be expected)

AP Studio Art: Drawing
(A3500300 APSTARTD)
# 8070 11th-12th 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 Principles of Design and inquiry-based learning to find aesthetically meaningful solutions to drawing problems. At the end of the year, the students are strongly encouraged to submit a portfolio to the College Board for possible college AP credit. (Fine Arts Credit or Elective Credit) Fee: $35 Supplies Required, AP National Exam, optional

AP Studio Art: 2D Design
(A3500400 AP2DDP)
# 8074 11th-12th 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 Principles of Design inquiry-based learning. At the end of the year, the students are strongly encouraged to submit a portfolio to the College Board for possible college AP credit. (Fine Arts Credit or Elective Credit) Fee: $35 Supplies Required, AP National Exam, optional

AP Studio Art: 3D Design
(3500500 AP3DDP)
# 8064 11th-12th 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 use inquiry-based learning to create a body of Three-dimensional work. Course outline is based on the guidelines stipulated for Advanced Placement portfolio requirements with emphasis on the Elements and Principles of Design. At the end of the year, the students are strongly encouraged to submit a portfolio to the College Board for possible college AP credit. (Fine Arts Credit or Elective Credit) Fee: $35 Supplies Required, AP National Exam, optional

AP History of Art
(A3500100 APHISTART)
# 8050 11th-12th 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 (can be for fine arts or PE credit)
(03830100 DANCE 1)
(PES00055 PEITS; PES00054 PEAA)
# 5200 (fine arts) 9th-12th 1 credit 4.0
# 5064 (PE) 9th-12th .5 credit 4.0
# 5065 (PE) 9th-12th .5 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 or PE Credit)

Dance II, III, IV
(03830200 DANCE 2; 03830300 DANCE 3; 03830400 DANCE 4)
# 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  
(03830100 DANCE 1; 03830200 DANCE 2; 03830300 DANCE 3; 03830400 DANCE 4)  
# 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  
(03830100 DANCE 1)  
# 5220  9th, 10th  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)  

Dance Wellness for Athletes  
(03834100 DAN1WEL)  
# 5217M Male Athletes  9th-12th  1 credit  4.0  
# 5217G Female Athletes  9th-12th  1 credit  4.0  
Prerequisite(s): None  
Course Description: This course will provide athletes with fundamental skills and knowledge of dance as an artform and lifetime activity, with a specific emphasis on areas that will improve their athletic ability. Students will study various forms of dance such as ballet, jazz, hip hop, and social dance, as well as broader aspects of dance such as injury prevention, stretching, and building muscle tone. This course will help to increase flexibility, balance, explosiveness, and agility in athletes. (Fine Arts or Elective Credit)  

Color Guard I, II, III, IV  
(03830100 DANCE 1; 03830200 DANCE 2; 03830300 DANCE 3; 03830400 DANCE 4)  
# 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. 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 program as contracted with the director. (Fine Arts Credit or Elective Credit)  
Fees: specific fees will be discussed upon making the team  

Theatre Arts I  
(03250100 TH1)  
# 8110  9th-12th  1 credit  4.0  
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 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  
(03250200 TH2; 03250300 TH3; 03250400 TH4)  
# 8120  Second Year  1 credit  4.0  
# 8130  Third Year  1 credit  4.0  
# 8140  Fourth Year  1 credit  4.0  
Prerequisite(s): None  
Course Description: 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  
(N1170126 ACTMET4)  
# 8104  9th-12th  1 credit  4.0  
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  
(03250700 TH1PROD)  
# 8090  10th-12th 1 credit 4.0  
**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)

Theatre Production II, III  
(03250800 TH2PROD; 03250900 TH3PROD)  
# 8100  11th-12th 1 credit 4.0  
# 8180  11th-12th 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  
(03250500 TH1TECH; 03250600 TH2TECH; 03251100 TH3TECH)  
# 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, scener correlation and painting, property construction and design, costuming, lighting, sound engineering, and backstage 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  
(03253500 TTH2DES)  
# 8154  10th-12th 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 drafting and drafting of theatrical documents, and relative plot communication drawings. (Fine Arts Credit or Elective Credit) Fee: $10 Supplies

Musical Theatre I, II (CSHS Only)  
(N1170069 MUSTHEA1; N1170109 MUSTHEA2)  
# 8114  9th-12th 1 credit 4.0  
# 8124  10th-12th 1 credit 4.0  
**Prerequisite:** none, but those who are not musically inclined are encouraged to take Theatre I  
**Course Description:** Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization and all other aspects of a musical theatre production. (Fine Arts Credit, Elective Credit) Fee: $10

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)  
(03150900 MUS1CHOR; 03151000 MUS2CHOR; 03151100 MUS3CHOR; 03151200 MUS4CHOR)  
# 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
(03150900 MUS1CHOR; 03151000 MUS2CHOR; 03151100 MUS3CHOR; 03151200 MUS4CHOR)
# 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 III, IV
(03150900 MUS1CHOR; 03151000 MUS2CHOR; 03151100 MUS3CHOR; 03151200 MUS4CHOR)
#8310 9th, 12th 1 credit 4.0
#8320 9th, 12th 1 credit 4.0
 #8330 10th-12th 1 credit 4.0
 #8340 10th-12th 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
(03152100 MUS1VOEN; 03152200 MUS2VOEN; 03152300 MUS3VOEN; 03152400 MUS4VOEN)
#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 a cappella 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
(03150100 MUS1BAND; 03150200 MUS2BAND; 03150300 MUS3BAND; 03150400 MUS4BAND)
#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 (CHS only)
(03151300 MUS1JZBN; 03151400 MUS2JZBN; 03151500 MUS3JZBN; 03151600 MUS4JZBN)
# 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

AP Music Theory
(A3150200 APMUSTHY)
#8700 11th – 12th 1 credit 5.0
Prerequisite(s): at least one year of high school band, orchestra or choir
Course Description: Music Theory is the rigorous study of the fundamental components of music. It explores the language and notation of music through deep understanding of melody and harmony. This study will be accomplished through musical notation, ear training, composition and analytical writing. Students may elect to take the AP Music Theory exam at the end of the year, which many garner
college credit. Fee: National AP exam, optional (Fine Arts, Elective credit)

**Orchestra I, II, III, IV**
(03150500 MUS1ORCH; 03150600 MUS2ORCH; 03150700 MUS3ORCH; 03150800 MUS4ORCH)

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<tr>
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<td># 8730</td>
<td>Third Year</td>
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<tr>
<td># 8740</td>
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**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
Individual Sports
(PES00055 PEITS)
# 5051 Fall 9th-12th  .5 credit 4.0
# 5052 Spring 9th-12th  .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
(PES00055 PEITS)
# 5121 Fall 9th-12th  .5 credit 4.0
# 5122 Spring 9th-12th  .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

Girls Body Sculpting
(PES00055 PEITS)
# 5131F Fall 9th-12th  .5 credit 4.0
# 5132F Spring 9th-12th  .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
(PES00055 PEITS)
# 5081 Fall 9th-12th  .5 credit 4.0
# 5082 Spring 9th-12th  .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
(PES00055 PEITS)
# 5131M Fall 9th-12th  .5 credit 4.0
# 5132M Spring 9th-12th  .5 credit 4.0
Prerequisite(s): Boys only
Course Description: Weight training 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
(PES00053 PEAOA)
# 5061 Fall 9th-12th  .5 credit 4.0
# 5062 Spring 9th-12th  .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
(5151-PES00013 SUBCHLDG; 5255 - PES00013 SUBCHLDG; 5261 – 03830100 DANCE 1; 5265 – PES00054 PEAA)
Fall  Spring
# 5251  # 5252  1st year .5 credit 4.0
# 5255  # 5256  2nd year .5 credit 4.0
# 5261  # 5262  3rd year 1 credit 4.0
# 5265  # 5266  4th 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 assuming PE credit has been earned. Fees: will be discussed after student makes the team

Fitness Training
(PES00054 PEAA)
# 5111 Fall 9th-12th  .5 credit 4.0
# 5112 Spring 9th-12th  .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 - PES00055 PEITS; 5152-PES00054 PEAA)
# 5151 Fall 9th-12th  .5 credit 4.0
# 5152 Spring 9th-12th  .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

**Dance I (can be for fine arts or PE credit)**
(03830100 DANCE 1)
(PES00055 PEITS; PES00054 PEAA)

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**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 or PE Credit)

**Health**
(03810100 HLTH ED)

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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. (Fine Arts or PE Credit)

**Sports Medicine I**
(N1150040 SPORTMD1)

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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**
(N1150041 SPORTMD2)

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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)

**Sports Medicine III**
(N1150044 SPORTMD3)

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

**Course Description:** This course is for athletic training students only. It continues Sports Med II. It provides an in-depth study and application of the components of sports medicine including, but not limited to, basic rehabilitative techniques; therapeutic modalities; wound care; taping and bandaging techniques; prevention, recognition and care of musculoskeletal injuries; injuries to young athletes; drugs in sports; and modern issues in sports medicine. Individualized and independent assignments will be included in this course. Outside of class homework and time working with athletes and athletic teams after school will be required. (Elective Credit)
**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. PEIMS (9th – PES00000 SUBATH1; 10th – PES00001 SUBATH2; 11th – PES00002 SUBATH3; 12th – PES00003 SUBATH4; Non-Credit 10th – 84200PS1 SUBATH2; 11th – 84200PS2 SUBATH3; 12th – 84200PS3 SUBATH4)

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<td>5395</td>
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<tr>
<td>Girls Distance Track</td>
<td>Spr: 5442</td>
<td>5372</td>
<td>5382</td>
<td>5386</td>
<td></td>
</tr>
<tr>
<td>Boys Cross Country</td>
<td>Fall: 5451</td>
<td>5471</td>
<td>5481</td>
<td>5485</td>
<td>Mandatory practice starting in July.</td>
</tr>
<tr>
<td></td>
<td>Spr: 5452</td>
<td>5472</td>
<td>5482</td>
<td>5486</td>
<td></td>
</tr>
<tr>
<td>Girls Track</td>
<td>Fall: 5461</td>
<td>5431</td>
<td>5361</td>
<td>5365</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Spr: 5462</td>
<td>5432</td>
<td>5362</td>
<td>5366</td>
<td></td>
</tr>
<tr>
<td>Boys Track</td>
<td>Fall: 5601</td>
<td>5631</td>
<td>5561</td>
<td>5565</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Spr: 5602</td>
<td>5632</td>
<td>5562</td>
<td>5566</td>
<td></td>
</tr>
<tr>
<td>Girls Golf</td>
<td>Fall: 5741</td>
<td>5745</td>
<td>5751</td>
<td>5755</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Spr: 5742</td>
<td>5746</td>
<td>5752</td>
<td>5756</td>
<td></td>
</tr>
<tr>
<td>Boys Golf</td>
<td>Fall: 5711</td>
<td>5715</td>
<td>5851</td>
<td>5855</td>
<td>Spring Tryouts required</td>
</tr>
<tr>
<td></td>
<td>Spr: 5712</td>
<td>5716</td>
<td>5852</td>
<td>5856</td>
<td></td>
</tr>
<tr>
<td>Tennis</td>
<td>Fall: 5551</td>
<td>5651</td>
<td>5661</td>
<td>5665</td>
<td>Expected to compete in USTA tournaments. Practice will begin one week before school starts.</td>
</tr>
<tr>
<td></td>
<td>Spr: 5552</td>
<td>5652</td>
<td>5662</td>
<td>5666</td>
<td></td>
</tr>
<tr>
<td>Swimming</td>
<td>Fall: 5761</td>
<td>5771</td>
<td>5821</td>
<td>5825</td>
<td>** AMCHS only **</td>
</tr>
<tr>
<td></td>
<td>Spr: 5762</td>
<td>5772</td>
<td>5822</td>
<td>5826</td>
<td></td>
</tr>
<tr>
<td>Girls Basketball</td>
<td>Fall: 5411B</td>
<td>5421</td>
<td>5491</td>
<td>5495</td>
<td>Must be able to participate both semesters. Mandatory practice before and after school starting in October. Must be able to travel during the winter break.</td>
</tr>
<tr>
<td></td>
<td>Spr: 5412B</td>
<td>5422</td>
<td>5492</td>
<td>5496</td>
<td></td>
</tr>
<tr>
<td>Boys Basketball</td>
<td>Fall: 5611</td>
<td>5621</td>
<td>5591</td>
<td>5595</td>
<td>Must be able to participate both semesters. Mandatory practice before and after school starting in October. Must be able to travel during the winter break.</td>
</tr>
<tr>
<td></td>
<td>Spr: 5612</td>
<td>5622</td>
<td>5592</td>
<td>5596</td>
<td></td>
</tr>
<tr>
<td>Girls Soccer</td>
<td>Fall: 5341</td>
<td>5681</td>
<td>5841</td>
<td>5845</td>
<td>Try-outs in November</td>
</tr>
<tr>
<td></td>
<td>Spr: 5342</td>
<td>5682</td>
<td>5842</td>
<td>5846</td>
<td></td>
</tr>
<tr>
<td>Boys Soccer</td>
<td>Fall: 5331</td>
<td>5671</td>
<td>5831</td>
<td>5835</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Spr: 5332</td>
<td>5672</td>
<td>5832</td>
<td>5836</td>
<td></td>
</tr>
<tr>
<td>Wrestling</td>
<td>Fall: 5781</td>
<td>5791</td>
<td>5811</td>
<td>5815</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Spr: 5782</td>
<td>5792</td>
<td>5812</td>
<td>5816</td>
<td></td>
</tr>
<tr>
<td>Gymnastics</td>
<td>Fall: 5301</td>
<td>5311</td>
<td>5321</td>
<td>5325</td>
<td>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.</td>
</tr>
<tr>
<td></td>
<td>Spr: 5302</td>
<td>5312</td>
<td>5322</td>
<td>5326</td>
<td></td>
</tr>
<tr>
<td>Girls Softball</td>
<td>Fall: 5411S</td>
<td>5721</td>
<td>5731</td>
<td>5735</td>
<td>Must be able to participate over Spring Break</td>
</tr>
<tr>
<td></td>
<td>Spr: 5412S</td>
<td>5722</td>
<td>5732</td>
<td>5736</td>
<td></td>
</tr>
<tr>
<td>Boys Baseball</td>
<td>Fall: 5691</td>
<td>5701</td>
<td>5641</td>
<td>5645</td>
<td>Must be able to participate over Spring Break</td>
</tr>
<tr>
<td></td>
<td>Spr: 5692</td>
<td>5702</td>
<td>5642</td>
<td>5646</td>
<td></td>
</tr>
<tr>
<td>Powerlifting</td>
<td>Fall: 5861</td>
<td>5865</td>
<td>5871</td>
<td>5875</td>
<td></td>
</tr>
<tr>
<td>+ add G for girls</td>
<td>Spr: 5862</td>
<td>5866</td>
<td>5872</td>
<td>5876</td>
<td></td>
</tr>
</tbody>
</table>
Career and Technology Endorsements and Programs of Study

Business and Industry Endorsement
- Ag, Food and Natural Resources
  - Animal Science (AMCHS)
  - Applied Agricultural Engineering (Ag Mechanics) (AMCHS)
  - Wildlife (CSHS)
  - Plant Science
  - Food Science (CSHS)
- Construction (CSHS)
- Principles of Arts, A/V and Communication
  - Digital Communication Arts, A/V
  - Animation
  - Graphic Design
  - Video Game Programming
- Hospitality and Tourism – Culinary (CSHS)
- Information Technology
  - Networking (AMCHS)
  - IT and Support
- Business, Marketing and Finance
  - Business Management and Administration
  - Marketing
  - Accounting and Financial
  - Entrepreneurship

Public Services Endorsement
- Healthcare Therapeutics
- Education and Training
- Human Services
- Law Enforcement

STEM Endorsement
- Engineering (PLTW)
- Cybersecurity
- Programming and Software
- Biomedical Sciences
- STEM Math
- STEM Science

CTE Supplemental Courses

Bryan CTE program
- Automotive
- Manufacturing and Robotics
- Welding
Business and Industry Endorsement

Suggested Course Sequences

Ag, Food and Natural Resources

Enrollment in an Ag class for at least one semester is required for participation on FFA competition teams

Industry Certifications: Floral Design I, II; Texas Food Handlers; ServSafe Manager; Certified Vet Assistant; OSHA, Boater Safety, Hunter Safety

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**Principles of Ag, Food & Natural Resources** (13000200 PRINAFNR)

- # 6000  
  - 9th-11th  
  - 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)

**Equine Science (AMCHS only)** (13000500 EQUIUNSCI)

- # 6043  
  - 10th-12th  
  - .5 credit  
  - 4.0

**Prerequisite(s):** Principles of 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! Offered 2020-21; Not offered 21-22 (Elective/CTE Credit)

**Small Animal Management (AMCHS only)** (13000400 SMANIMGT)

- # 6053  
  - 10th-12th  
  - .5 credit  
  - 4.0

**Prerequisite(s):** Principles of 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. Offered 2020-21; Not offered 21-22 (Elective/CTE Credit)

**Livestock Production (AMCHS only)** (13000300 LIVEPROD)

- # 6040  
  - 10th-12th  
  - 1 credit  
  - 4.0

**Prerequisite(s):** Principles of Ag, Food & Nat Resources recommended

**Course Description:** 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 - Not offered 2020-21. Offered in 21-22 CSHS – offered every year. (Elective/CTE Credit)

**Veterinary Medical Applications w/Lab (AMCHS only)** (13000610 VETMEDAP)

- # 6050  
  - 11th, 12th  
  - 2 credits  
  - 5.0

**Prerequisite(s):** Equine Sci./Small Animal Management OR Livestock Production

**Course Description:** 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. Students must provide their own transportation to field sites. Transportation may be available on request. (Elective/CTE Credit) Fee: $125 Certification Exam (financial aid available)

**Advanced Animal Science (AMCHS only)** (13000700 ADVANSC)

- # 6054  
  - 12th  
  - 1 credit  
  - 4.0

**Prerequisite(s):** Biology and Chemistry or IPC; Algebra 1 and Geometry and either Equine Science, Small Animal Management or Livestock Production

**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)
Principles of Ag, Food & Natural Resources (13000200 PRINAFNR)
# 6000 9th-11th 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)

Agricultural Mechanics & Metal Technologies (AMCHS only) (13002200 AGMECHMT)
# 6070 10th-12th 1 credit 4.0
Prerequisite(s): Principles of 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)

Principles of Ag, Food & Natural Resources (13000200 PRINAFNR)
# 6000 9th-11th 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 (13002000 HORTISCI)
# 6010 10th-12th 1 credit 4.0
Prerequisite(s): Principles of 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. (Elective/CTE Credit)

Floral Design (13001800 FLORAL)
# 6020 10th-12th 1 credit 4.0
Prerequisite(s): Principles of 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 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
(N1300270 ADVFLDES)
# 6024  11th-12th  1 credit  5.0
Prerequisite(s): Floral Design
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 on specialty designs and specific occasion designs. (Elective Credit) Fee: $45 Supplies

Practicum in Ag, Food and Natural Resources – Floral Design
(13002500 PRACAFNR1)
# 6027  12th  2 credits  4.0
Prerequisite(s): Advanced Floral Design
Course Description: Students will create designs for customers, teach classes and help run the floral shop. (Elective Credit)

Food Science
(CSHS only)  Freshman Year  Sophomore Year  Junior Year  Senior Year  Pract in Ag Food Processing
Principles of Ag, Food & Natural Resources
(13000200 PRINAFNR)
# 6000  9th,11th  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)

Food Technology and Safety (Foods of Texas) (CSHS only)
(13001300 FOODTS)
# 6064  10th,12th  1 credit  4.0
Prerequisite(s): Principles of Ag, Food & Nat Resources recommended
Course Description: From the farm gate to your plate, learn how the Foods of Texas start from a raw product and transforms into a product in your grocery basket or at your favorite restaurant. This class focuses on Texas favorites by examining the production of food, food safety and handling practices, and marketing techniques. Students will grill steaks, smoke meats, grind and stuff sausage, can produce, prepare ice cream, make tamales, etc. Additionally, students will earn their Texas Food Handler’s license. (Elective/CTE Credit)

Food Processing (CSHS only) (130001410 FOODPRO)
# 6060  11th,12th  2 credits  4.0
Prerequisite(s): Food Technology and Safety
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)

Project Based Research – Ag, Food & Natural Resources
(12701500 PROBS1)
# 6091, 6092  11th,12th  1 credit  4.0/5.0
# 6093, 6094  12th  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. Students are responsible for any fees associated with their course. (Elective/CTE Credit)

Practicum in Ag, Food and Natural Resources – Food Processing
(13002500 PRACAFNR1)
# 6067  12th  2 credits  4.0
Prerequisite(s): Food Safety and Technology, 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)
**Principles of Ag, Food & Natural Resources**
(13002000 PRINAFNR)
# 6000  
9th-11th  
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)

**Wildlife, Fisheries & Ecology Management (CSHS only)**
(13001500 WFECGT)
# 6030  
10th-12th  
1 credit  
4.0  
**Prerequisite(s):** Principles of 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 Credit/CTE Credit)

**Practicum in Ag, Food and Natural Resources - Wildlife**
(13002500 PRACAFNR1)
# 6037  
12th  
2 credits  
4.0  
**Prerequisite(s):** Principles of Ag, Food and Natural Resources and Wildlife, Fisheries and Ecology Mgmt
**Course Description:** Students with an interest in a career related to wildlife/fisheries will enjoy this advanced class about managing wildlife areas. Students will learn about managing game animals, conduct scat analysis, discuss survival techniques, and work in the CSHS aquaculture facility. Students will practice managing an area for wildlife species and will calculate carrying capacity, learn to identify and manage plants, and learn plant preferences of wildlife species. Students will also discuss controversial topics related to wildlife management and hunting. (Elective Credit)

**Scientific Research & Design (13037200 SCIRD)**
# 6991, 6992  
11th-12th  
1 credit  
4.0/5.0  
**Prerequisite(s):** Biology, Chemistry, Physics
**Course Description:** Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. These components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement. Students may take this course with different course content for a maximum of three credits. (Elective Credit)
Business and Industry Endorsement

Suggested Course Sequences

Construction

Industry Certifications: NCCER Core; NCER Carpentry Level 1; OSHA; Autodesk CAD or Revit

**Principles of Construction** (13004220 PRINCON)
# 6764  9th–12th  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. NCCER Core Certification Available. (Elective/CTE Credit)

**Architectural Design** (CSHS only) (13004600 ARCHDSNI)
# 6780  10th–12th  1 credit  4.0
Prerequisite(s): Algebra 1 and English 1
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)

**Building Maintenance Technology I** (CSHS only) (13005400 BUILDMAN1)
# 6750  10th–12th  2 credits  4.0
Prerequisite(s): Principles of Construction, Skill Assessment
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)

**Building Maintenance Technology II** (CSHS only) (13005500 BUILDMA2)
# 6754  11th–12th  2 credits  4.0
Prerequisite(s): Building Maintenance Technology, Skill Assessment
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)

**Career Preparation I**
(12701300 CAREERP1)
# 6800  11th–12th  3 credits  4.0
Prerequisite: Approved Cluster-specific or endorsement-related employment that will meet the curriculum requirements for the student's endorsement and provide own transportation to/from approved training station.
Course Description: Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. Students must have approved employment within the first 10 days of school. Students will be required to work 15 clocked hours per week. (Elective/CTE Credit)
Business and Industry Endorsement

Suggested Course Sequences

Principles of Arts, AV and Communication

Industry Certifications: Photoshop, Premiere Pro, After Effects, Illustrator, In Design, Autodesk Maya

Principles of Arts, Audio/Video Technology & Communications
(13008200 PRINAAVTC)
# 6310 9th-11th 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)

Commercial Photography (13009100 CPHOTO1)
# 6474 9th-12th 1 credit 4.0
Prerequisite(s): None
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)

Audio/Video Production (13008500 AVPROD1)
# 6440 10th-12th 1 credit 4.0
Prerequisite(s): Principles of AAVC or Commercial Photography, Skill Assessment
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. 13-14) (Elective/CTE Credit)

Audio/Video Production II w/lab
(13008610 AVPLAB2)
# 6450 11th,12th 2 credits 5.0
Prerequisite(s): Audio/Video Production; Skill Assessment
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
(13008700 PRACAVP1)
# 6460 12th 2 credits 5.0
Prerequisite(s): Audio/Video Production II w/lab recommended. 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)

Career Preparation I
(12701300 CAREERP1)
# 6800 11th-12th 3 credits 4.0
Prerequisite: Approved Cluster-specific or endorsement-related employment that will meet the curriculum requirements for the student’s endorsement and provide own transportation to/from approved training station.
Course Description: Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. Students must have approved employment within the first 10 days of school. Students will be required to work 15 clocked hours per week. (Elective/CTE Credit)
**Principles of Arts, Audio/Video Technology & Communications**
(13008200 PRINAAVTC)
# 6310  
9th-11th  
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)

**Video Game Design**
(13009970 VIDGD)
# 6364  
9th-12th  
1 credit  
5.0

**Prerequisite(s):** Principles of Arts, A/V, Communications recommended

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

**Animation I**
(13008300 ANIMAT1)
#6420  
10th-12th  
1 credit  
4.0

**Prerequisite(s):** Principles of AAVC or Video Game Design

**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 w/lab**
(13008410 ANIMAT2)
# 6430  
11th-12th  
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**
(13008450 PRACANI1)
# 6434  
12th  
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 Credit)

**Career Preparation I**
(12701300 CAREERP1)
# 6800  
11th-12th  
3 credits  
4.0

**Prerequisite:** Approved Cluster-specific or endorsement-related employment that will meet the curriculum requirements for the student's endorsement and provide own transportation to/from approved training station.

**Course Description:** Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. Students must have approved employment within the first 10 days of school. Students will be required to work 15 clocked hours per week. (Elective/CTE Credit)
Principles of Arts, Audio/Video Technology & Communications
(13008200 PRINAAVTC)
# 6310 9th-11th 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)

Graphic Design and Illustration (13008800 GRAPHDI1)
# 6410 10th-12th 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. 13-14) (Elective/CTE Credit)

Video Game Design
(13009970 VIDGD)
#6364 9th-12th 1 credit 4.0
Prerequisite(s): Principles of Arts, A/V, Communications recommended
Course Description: In this class, students move from player to creator. Artists use their tools to create wild worlds and daring heroes. Developers use programming languages to power the action, and the designers craft the stories and structure that brings it all together. This class challenges students to create several computer and mobile based applications as they learn concepts such as storyboarding, programming, event scripting, visual and audio design, level design, and troubleshooting. Upon completion of this course, the student will have cooperatively created a complete...
computer game that is presented to an evaluation panel of their peers. (Elective/CTE credit)

**Video Game Programming**
(N1300994 VIDEOPR)
# 6373 10th-12th 1 credit 5.0
**Prerequisite:** Video Game Design  
**Course Description:** Video Game Programming expands on the foundation created in Video Game Design through programming languages such as: C# programming, XNA game studio, Java, and Android App. In this course, students will investigate the inner workings of a fully functional role-playing game (RPG) by customizing playable characters, items, maps, and chests and eventually applying customizations by altering and enhancing the core game code.

**Advanced Video Game Programming**
(N1300995 ADVVIDEOGP)
# 6376 11th-12th 1 credit 5.0
**Prerequisite(s):** Video Game Design, Video Game Programming  
**Course Description:** Advanced Video Game Programming students will be introduced to mobile application design and programming using Java and Eclipse for Android devices. Time will be spent learning basic Java programming and working with Android Studio to develop real working apps. Using Unity as an introduction to 3D game development, students will have exposure to and an understanding of: object-oriented programming concepts; game development skill with programs such as Unity; 3D modeling with programs such as Maya; image manipulation with programs such as Photoshop, Illustrator and aftereffects; concepts related to the design process; and the ability to communicate and collaborate on group-based projects.

**Practicum in Animation** (13008450 PRACAN11)
# 6434 12th 2 credits 5.0  
**Prerequisite(s):** Animation II or Advanced Video Game Programming  
**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)

**Practicum in Graphic Design and Illustration**
(13009000 PRACGRD1)
# 6424 12th 2 credits 5.0  
**Prerequisite(s):** Graphic Design II or Advanced Video Game Programming  
**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)
Introduction to Culinary Arts (13022550 INCULART)  
# 6900  9th-10th  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) (13022600 CULARTS)  
# 6910  10th-12th  2 credits  4.0
Prerequisite(s): Introduction to Culinary; Skill Assessment  
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)  
Fee: $50 Uniform & Supply Fee (financial aid available)

Advanced Culinary Arts (CSHS only) (13022650 ADCULART)  
# 6920  11th-12th  2 credits  4.0
Prerequisite(s): Culinary Arts required; Skill Assessment  
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 in this level will engage in a hands-on food preparation and service opportunities and will experience a variety of jobs. Emphasis will be on quality food preparation, teamwork, developing a critical palate, and researching current culinary trends. Students will be expected to participate in catering and food service events as well as local competitions. (Elective/CTE Credit)  
Fee: $50 Uniform & Supply Fee (financial aid available)

Career Preparation I (12701300 CAREERP1)  
# 6800  11th-12th  3 credits  4.0
Prerequisite: Approved Cluster-specific or endorsement-related employment that will meet the curriculum requirements for the student's endorsement and provide own transportation to/from approved training station.  
Course Description: Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. Students must have approved employment within the first 10 days of school. Students will be required to work 15 clocked hours per week. (Elective/CTE Credit)
Business and Industry Endorsement

Suggested Course Sequences

Information Technology

Industry Certifications: COMPTIA A+; COMPTIA Network +; COMPTIA Security +

Principles of Information Technology (13027200 PRINIT)
# 6300 9th-11th 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 Maintenance (AMCHS only)
(13027300 COMPMNT)
# 6320 10th-12th 1 credit 5.0

Prerequisite(s): Principles of Information Technology
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. 13-14) *Students will cover the cost of the Certification Exam if they choose to take it. (financial aid available) (Elective/CTE Credit)

Networking w/lab (AMCHS only)
(13027410 NETWRLAB)
# 6330 11th-12th 2 credits 5.0

Prerequisite(s): Computer Maintenance
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 castling, 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. 13-14) *Students will cover the cost of the Certification Exam if they choose to take it. (financial aid available) (Elective/CTE Credit)

Project Based Research - IT
(12701500 PROBS1)
# 6391, 6392 11th-12th 1 credit 4.0/5.0
# 6393, 6394 12th 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. Students are responsible for any fees associated with their course. (Elective/CTE Credit)

Career Preparation I
(12701300 CAREERP1)
# 6800 11th-12th 3 credits 4.0

Prerequisite: Approved Cluster-specific or endorsement-related employment that will meet the curriculum requirements for the student's endorsement and provide own transportation to/from approved training station.
Course Description: Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. Students must have approved employment within the first 10 days of school. Students will be required to work 15 clocked hours per week. (Elective/CTE Credit)
Principles of Information Technology (13027200 PRINIT)
# 6300 9th-11th 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 Maintenance (AMCHS only)
(13027300 COMPMNT)
# 6320 10th-12th 1 credit 5.0
Prerequisite(s): Principles of Information Technology
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. 13-14) *Students will cover the cost of the Certification Exam if they choose to take it. (financial aid available) *(Elective/CTE Credit)

Computer Technician Practicum (AMCHS only)
(13027500 COMPT1)
# 6340 12th 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) *(Elective/CTE Credit)
**Business and Industry Endorsement**

*Suggested Course Sequences*

**Business, Marketing and Finance**

*Industry Certifications: MOS Specialist; MOS Expert; QuickBooks; Entrepreneurship and Small Business*

### Freshman Year
**Principles of Business, Marketing & Finance**
(13011200 PRINBMF)
# 6510  
9th-11th  
1 credit  
4.0

**Course Description:** Students actively engage in the marketing, advertising, and financial processes through projects and case studies. It is the perfect introduction to Accounting, Marketing specialties and Business Information Management I. (Elective/CTE Credit)

#### Business Information Management I
(13011400 BUSIM1)
# 6520  
9th-12th  
1 credit  
4.0

**Prerequisite(s):** None

**Course Description:** Learn how to create appealing spreadsheets & charts, professional looking documents, engaging multi-media presentations, and more. Microsoft Office Specialist certifications will be offered in Word, Excel and PowerPoint. (Elective/CTE Credit)

#### Business Law
(13011700 BUSLAW)
# 6550  
10th-12th  
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). Students will critically address different business applications and make appropriate business decisions. (Elective/CTE Credit)

### Sophomore Year
**Business Information Management II**
(13011500 BUSIM2)
# 6530  
10th-12th  
1 credit  
5.0

**Prerequisite(s):** Business Information Management I and one MOS certification or approved local admissions test

**Course Description:** This class provides the opportunity to earn the Expert Level Microsoft Office certification. You will learn advanced concepts and skills that will allow you to enhance your documents, spreadsheets, presentations, and workplace skills. (Elective/CTE Credit)

**Practicum in Business Management**
(13012200 PRACBM)
#6597  
11th-12th  
2 credits  
5.0

**Prerequisite(s):** Principles of Business, Marketing and Finance, BIM I or Business Law

**Course Description:** Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs and to make appropriate business decisions

### Junior Year
**Career Preparation I**
(12701300 CAREERP1)
# 6800  
11th-12th  
3 credits  
4.0

**Prerequisite:** Approved Cluster-specific or endorsement-related employment that will meet the curriculum requirements for the student's endorsement and provide own transportation to/from approved training station.

**Course Description:** Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. Students must have approved employment within the first 10 days of school. Students will be required to work 15 clocked hours per week. (Elective/CTE Credit)
Principles of Business, Marketing & Finance
(13011200 PRINBMF)
# 6510 9th-11th 1 credit 4.0
Prerequisite(s): None
Course Description: Students actively engage in the marketing, advertising, and financial processes through projects and case studies. It is the perfect introduction to Accounting, Marketing specialties and Business Information Management I. (Elective/CTE Credit)

Fashion Marketing (13034300 FASHMKTF)
# 6613 9th-12th .5 credit 4.0
Prerequisite(s): Principles of Business, Marketing and Finance
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
(13034600 SPORTSEM)
# 6623 9th-12th .5 credit 4.0
Prerequisite(s): Principles of Business, Marketing and Finance
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)

Social Media Marketing
(13034650 SMEDMKTG)
# 6533 10th-12th .5 credit 4.0
Prerequisite(s): Principles of Business, Marketing and Finance, Fashion Marketing, Sports & Entertainment Marketing
Course Description: Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts. (CTE Credit)

Sports & Entertainment Marketing II
(N1303422 SPORTEM2)
# 6624 10th-12th .5 credit 4.0
Prerequisite(s): Principles of Business, Marketing and Finance, Fashion Marketing, Sports and Entertainment Marketing
Course Description: Sports and Entertainment Marketing II is an advanced course designed to build upon students’ prior knowledge of sports and entertainment marketing. Students will develop a thorough understanding of advanced marketing concepts and theories as they relate to the sports and entertainment industries. Students will investigate the components of branding, sponsorships and endorsements, as well as promotion plans needed for sports and entertainment events. The course also supports career development skills and explores career options. Academic skills (mathematics, science, English, and history/social science) related to the content are a part of this course.

Career Preparation I
(12701300 CAREERP1)
# 6800 11th-12th 3 credits 4.0
Prerequisite: Approved Cluster-specific or endorsement-related employment that will meet the curriculum requirements for the student's endorsement and provide own transportation to/from approved training station.
Course Description: Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. Students must have approved employment within the first 10 days of school. Students will be required to work 15 clocked hours per week. (Elective/CTE Credit)
Accounting and Financial

Principles of Business, Marketing & Finance (13011200 PRINBMF)
# 6510 9th-11th 1 credit 4.0
Prerequisite(s): None
Course Description: Students actively engage in the marketing, advertising, and financial processes through projects and case studies. It is the perfect introduction to Accounting, Marketing specialties and Business Information Management I. (Elective/CTE Credit)

Accounting I Honors (13016600 ACCOUNT1)
# 6640 10th-12th 1 credit 5.0
Prerequisite(s)/s): None
Course Description: 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. 13-14) (Elective/CTE Credit)

Entrepreneurship

Principles of Business, Marketing & Finance
(13011200 PRINBMF)
# 6510 9th-11th 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)

Entrepreneurship (13034400 ENTREP)
# 6600 10th-12th 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)

Project Based Research – Business Management (School Store)
(12701500 PROBS1)
# 6591, 6592 11th-12th 1 credit 4.0/5.0
# 6593, 6594 12th 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. Students are responsible for any fees associated with their course. (Elective/CTE Credit)
Practicum in Business Management (School Store)
(13012200 PRACBM)
#6597 11th-12th 2 credits 5.0
Prerequisite(s): Principles of Business, Management and Finance or Entrepreneurship

Course Description: Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs and to make appropriate business decisions.
Public Service Endorsement

**Suggested Course Sequences**

**Health Science, Education and Training, Law Enforcement**

**Industry Certifications:**
- Heartsaver: First Aid
- CPR: Basic Life Support CPR
- Certified Nurse Assistant
- Pharmacy Technician
- Emergency Medical Technician
- Certified Medical Assistant
- Phlebotomy
- EKG
- International Academy of Emergency Dispatch Emergency Telecommunication Certificate

**Prerequisites:**

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<td>Principles of Health Science</td>
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<td>Health Science Theory Honors</td>
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**Freshman Year**

**Principles of Health Science** (13020000 PRINHLSC)

- # 6120
- 9th, 11th
- 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 development stages, medical ethics, multiculturalism, as well as communication and leadership skills needed to be successful in health care. (Elective/CTE Credit)

**Medical Terminology** (AMCHS only)

- (13020300 MEDTERM)
- #6137
- 10th-12th
- 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)

- (13020400 HLTHSCI)
- # 6163
- 11th, 12th
- 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. 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) (13020410 HLTHSCI)

- # 6166
- 11th, 12th
- 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) (13020410 HLTHSCI)

- # 6166H
- 11th, 12th
- 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) (13020500 PRACHLS1) #6153 12th 2 credits 5.0
Prerequisite(s): Principles of Health Science Theory, Health Science, Anatomy and Physiology/currently taking Anatomy and Physiology, Skill Assessment
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) (13020500 PRACHLS1) #6147 12th 2 credits 5.0
Prerequisite(s): Health Science Theory, Chemistry, Skill Assessment
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) (13020500 PRACHLS1) #6156 12th 2 credits 5.0
Prerequisite(s): Prin. Of Health Science, Health Science Theory, Anatomy & Physiology (or co-enrollment). Medical Terminology recommended, Skill Assessment
Course Description: This course is designed to provide knowledge and skills for certification as a Certified Nursing Assistant (CNA). CNAs provide basic patient care under the direction of nursing staff. These duties include feeding, bathing, dressing, grooming, changing linens, and moving/transferring patients. CNAs are often employed in nursing care facilities, where they frequently serve as principal caregivers. Additional costs 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.
(Elective/CTE Credit) Fee: Background Check, Drug Screening, Certification Exams, financial aid available

Practicum in Health Science – Emergency Medical Technician Honors (AMCHS only) (13020500 PRACHLS1) #6144 12th 2 credits 5.0
Prerequisite(s): Health Science Theory, Biology, Human Anatomy and Physiology (or co-enrollment), Completion of required paperwork and immunizations, Skill Assessment
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 TEEX (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)
Principles of Human Services (Teen Living)  
(13024200 PRINHUSR)  
# 6200 9th-10th 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. The course introduces topics within the Family and Consumer Sciences cluster including fashion, child development, interior design, money management, hospitality and foods. Students will be responsible for purchasing some supplies for this course throughout the year at an approximate cost of $15.00. Fee: Supply cost of $15; financial aid available (Elective/CTE Credit)  

Child Development (13024700 CHILDDEV)  
# 6250 10th-12th 1 credit 4.0  
**Prerequisite(s):** Principles of Human Services (Teen Living) recommended  
**Course Description:** This course will cover effective caregiving knowledge & skills, pregnancy, growth & development, risk & protective factors and health & safety needs of young children. Students will experience parenting a reality baby, develop lessons and mentor preschool or Head Start children in the Tiger/Cougar Buddies program. Various projects will require supplies*  

Project Based Research – Education and Training  
(12701500 PROBS1)  
# 6295, 6296 11th-12th 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. Students are responsible for any fees associated with their course. (Elective/CTE Credit)  

Instructional Practices (Ready, Set, Teach)  
(13014400 INPRAC)  
# 6270 11th-12th 2 credits 4.0  
**Prerequisite(s):** Child Development recommended; Skill Assessment; *Students must provide their own transportation to field sites. Transportation may be available upon request.  
**Course Description:** Students will experience field-based internships that provide background knowledge of child and adolescent development as well as principles of effective teaching and training practices, teaching strategies, learning styles, classroom environments, brain development, and behavior management. Various projects will require supplies*  

Practicum in Education and Training (Ready, Set, Teach II) (13014500 PRACEDT2)  
# 6274 12th 2 credit 4.0  
**Prerequisite(s):** Ready, Set, Teach I; Skill Assessment; *Students in work-based job or internships will be required to provide their own transportation. Transportation may be available upon request.  
**Course Description:** Students will complete an independent study of an educational research topic that applies to their 12-week internship. This honors level course requires a research paper with formal presentation as a part of the internship experience. Various projects will require supplies*  

(Elective/CTE Credit)
Principles of Human Services (Teen Living)  
(13024200 PRINHUSR)  
# 6200  9th-10th  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. The course introduces topics within the Family and Consumer Sciences cluster including fashion, child development, interior design, money management, hospitality and foods. Students will be responsible for purchasing some supplies for this course throughout the year at an approximate cost of $15.00. Fee: Supply cost of $15; financial aid available (Elective/CTE Credit)  

Dollars and Sense (13024300 DOLLARSE)  
# 6223  11th-12th  .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)  

Lifetime Nutrition and Wellness (Foods 101)  
(13024500 LNURTWEL)  
# 6213  10th-12th  .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! 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)  

Child Development (13024700 CHILDDDEV)  
# 6250  10th-12th  1 credit  4.0  
Prerequisite(s): Principles of Human Services (Teen Living) recommended  
Course Description: This course will cover effective caregiving knowledge & skills, pregnancy, growth & development, risk & protective factors and health & safety needs of young children. Students will experience parenting a reality baby, develop lessons and mentor preschool or Head Start children in the Tiger/Cougar Buddies program. Various projects will require supplies*.  

Project Based Research – Human Services  
(12701500 PROBS1)  
# 6291, 6292  11th-12th  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. Students are responsible for any fees associated with their course. (Elective/CTE Credit)  

Career Preparation I  
(12701305 CAREERP1)  
# 6800  11th-12th  3 credits  4.0  
Prerequisite: Approved Cluster-specific or endorsement-related employment that will meet the curriculum requirements for the student's endorsement and provide own transportation to/from approved training station.  
Course Description: Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. Students must have approved employment within the first 10 days of school. Students will be required to work 15 clocked hours per week. (Elective/CTE Credit)
Principles of Law, Public Safety, Corrections and Security (13029200 PRINLPCS)
# 6700 9th-12th 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 (13029300 LAWENFI)
# 6710 10th-12th 1 credit 4.0
**Prerequisite(s):** Principles of Law, Public Safety, Corrections and Security
**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)

Forensic Science (13029500 FORENSCI)
# 6173 11th-12th 1 credit 4.0
**Prerequisite(s):** Biology and Chemistry required; any Law, Public Safety, Corrections and Security course recommended
**Course Description:** Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science.

Law Enforcement II (13029400 LAWENF2)
# 6720 11th-12th 1 credit 4.0
**Prerequisite(s):** Law Enforcement I
**Course Description:** Principles of Law, Public Safety, Corrections and Security and Law Enforcement I provide the knowledge and skills necessary to prepare for a career in law enforcement. This course includes ethical and legal responsibilities, the operation of police and emergency telecommunication equipment, and courtroom testimony. 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)
**STEM Endorsement**

*Suggested Course Sequences*

Alg 2, Chemistry and Physics is required for all STEM endorsements

**Industry Certifications:** Inventor, Autodesk Autocad or Revit, Microsoft Tech Java; CompTIA IT Fundamentals, CompTIA A+, CompTIA Network+ and ComTIA Security+, Microsoft Technology Associate Security Fundamentals

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**Engineering Project Lead the Way**

**Freshman Year**

Intro to Engineering and Design (PLTW)

**Sophomore Year**

Principles of Engineering (PLTW)

**Junior Year**

Civil Engineering and Architecture (PLTW)

**Senior Year**

Engineering Design and Development (PLTW)

---

**Introduction to Engineering Design (PLTW)**

(N1303742 IED)

# 6954 9th-11th 1 credit 4.0

**Prerequisite(s):** co-enrolled in Algebra 1 or higher math

**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)

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**Principles of Engineering (PLTW)**

(13037500 POE)

# 6767H 10th 11th 1 credit 5.0

**Prerequisite(s):** Introduction to Engineering Design; Algebra 1; 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. (Science Credit)

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**Engineering Applications**

(13037300 ENGAPP)

# 6940 11th-12th 1 credit 5.0

**Prerequisite(s):** Engineering Design and Presentation

**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 after 2020-2021.* (Science or Elective Credit)

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**Civil Engineering and Architecture**

(N1303747 CEA)

# 6960 11th-12th 1 credit 5.0

**Prerequisite(s):** Introduction to Engineering Design; Principles of Engineering; recommended Prerequisite(s): Geometry, Algebra

**Course Description:** Civil Engineering and Architecture (CEA) is a high school level specialization course in the PLTW Engineering Program. In CEA students are introduced to important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software. Through both individual and collaborative team activities, projects, and problems, students will solve problems as they practice common design and development protocols such as project management and peer review. Students will develop skills in engineering calculations, technical representation and documentation of design solutions according to accepted technical standards and use of current 3D architectural design and modeling software to represent and communicate solutions.

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**Engineering Design and Development**

(N1303749 EDD)

# 6970 11th-12th 1 credit 5.0

**Prerequisite(s):** Introduction to Engineering Design Principles of Engineering

**Course Description:** In this capstone class, the knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career. *Not offered until 21-22.*
Principles of Information Technology (13027200 PRINIT)
# 6300  9th-11th  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)

Foundations of Cyber Security (03580850 TAFCYB)
# 6370  9th-12th  1 credit  4.0
Prerequisite(s): None
Course Description: This course develops the knowledge and skills needed to master fundamental concepts of cybersecurity. Students in the course will develop a foundation for continuing their cybersecurity education and choosing a career in the cybersecurity field. Students will explore the challenges facing information security professionals related to ethics, system security, network security, and application security. Students will conduct risk assessments and develop and implement security policies to mitigate those risks. Students will examine trends in cyberattacks, common vulnerabilities, and the emergence of cyber terrorism. Training in this course can potentially lead to an EC-Council Security certification.

Computer Programming I (13027600 COMP PROG)
# 6350  9th-12th  1 credit  5.0
Prerequisite(s): Algebra I and Principles of Information Technology
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 Networking w/lab (AMCHS only) (13027410 NETWRLAB)
# 6330  11th,12th  2 credits  5.0
Prerequisite(s): Computer Maintenance
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. 13-14) * Students will cover the cost of the Certification Exam if they choose to take it. (financial aid available) (Elective/CTE Credit)

Project Based Research - STEM (12701500 PROBS1)
# 6791, 6792  11th,12th  1 credit  4.0/5.0
# 6793, 6794  12th  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. Students are responsible for any fees associated with their course. (Elective/CTE Credit)

Cybersecurity Capstone (03580855 TACY BCAP)
# 6380  11th-12th  1 credit  5.0
Prerequisite(s): Foundations of Cybersecurity; Principles of Information Technology and Computer Networking recommended
Course Description: This course develops the knowledge and skills needed to explore advanced concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will develop security policies to mitigate risks. By evaluating prior incidents, cybersecurity professionals have the ability to craft appropriate responses to minimize disruptions to corporations, governments, and individuals. The skills obtained in this course prepare students for additional study toward the EC-Council Certified Ethical Hacker or Security Analyst certification. CompTIA Security+. 
Principles of Computer Science
(03580140 TAFCS)
# 6343 9th-12th 1 credit 4.0
Prerequisite(s): None
Course Description: Fundamentals of Computing is designed to introduce students to the field of computer science through an exploration of engaging and accessible topics. Through creativity and innovation, students will use critical thinking and problem-solving skills to implement projects that are relevant to students' lives. They will create a variety of computing artifacts while collaborating in teams. Students will gain a fundamental understanding of the history and operation of computers, programming, and web design. Students will also be introduced to computing careers and will examine societal and ethical issues of computing. (CTE Credit)

Computer Programming I
(13027600 COMPREG)
# 6350 9th-12th 1 credit 5.0
Prerequisite(s): Algebra I
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)

Principles of Biosciences
(13036300 PRBIOSCI)
#3840 9th-10th 1 credit 4.0
Prerequisite(s): None
Course Description: Principles of Biosciences is a strong reinforcement of Biology content that provides an overview of biotechnology, bioengineering, and related fields. Topics include genetics, cell structure, proteins, nucleic acids, and the impact of immunological events in biotechnology. Students will further study the increasingly important agricultural, environmental, economic, and political roles of bioenergy and biological remediation; the roles of nanoscience and nanotechnology in biotechnology medical research; and future trends in biological science and biotechnology.

Scientific Research & Design
(13037200 SCIRD)
# 6991, 6992 11th-12th 1 credit 4.0/5.0
Prerequisite(s): Biology, Chemistry, Physics
Course Description: Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. These components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school...
science graduation requirement. Students may take this course with different course content for a maximum of three credits. (Elective Credit)

**Biotechnology I**
(13036400 BIOTECH1)
# 3830  11th-12th  1 credit  5.0
**Prerequisite(s):** Biology, Chemistry recommended or co-enrolled

**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 CS© (p. 13-14). (Science Credit)

Fee: $15 Lab Notebook Required

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### CTE Supplemental Courses

**Career Preparation I**
(12701305 CAREERP1)
# 6800  11th-12th  3 credits  4.0
**Prerequisite:** Approved Cluster-specific or endorsement-related employment that will meet the curriculum requirements for the student's endorsement and provide own transportation to/from approved training station.

**Course Description:** Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. Students must have approved employment within the first 10 days of school. Students will be required to work 15 clocked hours per week. (Elective/CTE Credit)

**Career Preparation II**
# 6890  12th  2 credits  4.0
**Prerequisite(s):** Career Prep 1, approved employment

**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)

**Touch System Data Entry (Keyboarding)**
(13011300 TS DATAE)
# 6503  9th-12th  .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)

**Mathematical Applications in Ag, Food and Natural Resources**
(13001000 MATHAFNR)
# 2584  11th-12th  1 credit  4.0
**Prerequisite(s):** Intro to AFNR, Algebra 1and teacher 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)
**Bryan CTE Program**

Beginning in the Fall of 2020, students from CSISD will be able to attend the Bryan CTE campus and participate in the following CTE programs: Automotive, Manufacturing and Robotics and Welding.

**Application Requirements:** Students who wish to participate in one of these programs, will be required to take an introductory course at the Bryan CTE campus for Summer School if that course is not offered at AMCHS.

Please see your counselor for the application and to discuss making room in your schedule for these courses.

<table>
<thead>
<tr>
<th>Automotive</th>
<th>Freshman Year</th>
<th>Sophomore Year</th>
<th>Junior Year</th>
<th>Senior Year</th>
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<tr>
<td></td>
<td>Principles of Ag</td>
<td>Automotive Basics (summer school)</td>
<td>Automotive Technology I, SRD</td>
<td>Automotive Technology II</td>
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**Principles of Ag, Food & Natural Resources**
(13000200 PRINAFNR)
# 6000 9th-11th 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)

**Automotive Technology I** (13036900)
#6735 11th 2 credits 4.0

**Prerequisite(s):** NCCER CORE certification and either Principles of Architecture and Construction or Principles of Ag

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

**Scientific Research & Design** (13037200 SCIRD)
# 6991, 6992 11th-12th 1 credit 5.0

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

**Course Description:** Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. These components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement. Students may take this course with different course content for a maximum of three credits. (Elective Credit)

**Automotive Technology II** (13039700)
# 6747 12th 2 credits 5.0

**Prerequisite(s):** Automotive Technology I and NCCER CORE

**Course Description:** Automotive Service includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.
**Introduction to Engineering Design (PLTW)** (N1303742 IED)

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<td># 6954</td>
<td>9th-11th</td>
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**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 (PLTW) (13037500 POE)**  

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<th>Course Code</th>
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<td># 6767H</td>
<td>10th-12th</td>
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</table>

**Prerequisite(s):** Introduction to Engineering Design; Algebra 1; Biology, Chemistry, IPC or Physics; Geometry recommended

**Course Description:** Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanics, 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. (Science)

**Practicum in STEM I**

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<th>Course Code</th>
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<td># 6744</td>
<td>11th and 12th</td>
<td>2</td>
<td>5.0</td>
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**Prerequisite(s):** Algebra 1 and Geometry

**Course Description:** Practicum in STEM I is designed to give students supervised practical application of previously studied knowledge and skills, including experience in designing, creating and/or producing new products, ideas, concepts, or processes using computer-aided, as well as manually operated mills, lathes, drills, cutters, dimensional printers and robotic equipment.

**Scientific Research & Design (13037200 SCIRD)**

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<th>Course Code</th>
<th>Grade</th>
<th>Credits</th>
<th>Level</th>
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<tbody>
<tr>
<td># 6991, 6992</td>
<td>11th-12th</td>
<td>1</td>
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</table>

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

**Course Description:** Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. These components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement. Students may take this course with different course content for a maximum of three credits. (Elective Credit)

**Welding**

**Principles of Ag, Food & Natural Resources** (13000200 PRINAFNR)

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<tr>
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<th>Grade</th>
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<tr>
<td># 6000</td>
<td>9th-11th</td>
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</table>

**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)

**Welding I (13032300)**

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<th>Course Code</th>
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</table>

**Prerequisite(s):** Intro to Ag and NCCER CORE certification

**Course Description:** Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce,
apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

**Scientific Research & Design** (13037200 SCIRD)

# 6991, 6992  11th-12th  1 credit  5.0

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

**Course Description:** Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. These components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement. Students may take this course with different course content for a maximum of three credits. (Elective Credit)

**Welding II** (13032400)

# 6976  12th  2 credits  5.0

**Prerequisite(s):** Welding I

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

**Leadworthy Teen Leadership (N1290012 TEENLDR)**

# 1033  
9th-12th  
.5 credit  
4.0  

**Prerequisite(s):** None

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

**Partner PE: Peer Assistance for Students with Disabilities**

(N1290203 PASWD1, N1290204 PASWD2)  
# 0100P  
10th-12th  
.5 credit  
4.0  

# 0104P  
12th  
.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) (N1290203 PASWD1, N1290204 PASWD2)  
# 0100A  
11th-12th  
.5 credit  
4.0  

# 0104A  
12th  
.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)

**Developing Strategies for College/Career Prep**  
(N1290051 PATHCC1)  
# 9867H  
9th, 12th  
1 credit  
5.0  

**Prerequisite(s):** successful completion of advanced coursework, application

**Course Description:** This course would advance intellectual curiosity, conscientiousness, dependability, emotional stability, and perseverance through tasks that foster deeper levels of thinking and reasoning in the four core content areas. The course focuses on developing the habits and skills that are expected in college study and the work force. The students will develop their personal/interpersonal and cognitive skill that are essential to productivity in both the collegiate and business worlds. Modeling teamwork, communication and organizational skills, and research-based strategies will be expected. (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 9th Grade**

(N1290001 AVID1)  
# 0110  
9th  
1 credit  
4.0  

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

**Course Description:** The 9th 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 exams, while refining study skills, test-taking, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. Their college research will include financial topics and build their knowledge of colleges and careers of interest. (Elective Credit)

**AVID 10th Grade**

(N1290002 AVID2)  
# 0120  
10th  
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
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 1st period class with 2nd period no class, nor can they have a 6th period no class with an assigned 7th period class or 7th period no class with an assigned 8th period class.

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>9111</td>
<td>9112</td>
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<tr>
<td>9121</td>
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<td>9161</td>
<td>9162</td>
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<tr>
<td>9171</td>
<td>9172</td>
</tr>
</tbody>
</table>

**Student Aide – Office**

# 9120

**9th-12th**

**no credit**

**Prerequisite(s):** Approval

**Course Description:** Students assist in various office procedures in administration offices.

**Student Aide – Library**

# 9210

**11th-12th**

**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.

**Study Hall**

# 9301 Fall

**9th-12th**

**no credit**

# 9302 Spring

**9th-12th**

**no credit**

**Prerequisite(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.

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**AVID 11th Grade (N1290030 AVID3)**

# 0130

**11th**

**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 (who have completed two years of AVID) 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)

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**AVID 12th Grade (N1290033 AVID4)**

# 0140

**12th**

**1 credit**

**4.0**

**Prerequisite(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 (who have completed two years of AVID) 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)

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**Student Aide – Counselor**

# 9230

**9th-12th**

**no credit**

**Prerequisite(s):** Counselor Approval

**Course Description:** Students assist in various office procedures in the counselor's office.

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**Student Aide – Nurse**

# 9240

**11th-12th**

**no credit**

**Prerequisite(s):** Nurse Approval

**Course Description:** 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.

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**Blinn/Texas A&M University**

# 9310 -9370

**11th-12th**

**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.

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**Lifeskills Aide**

# 0993

**11th-12th**

**no credit**

**Prerequisite(s):** approved application / interview

**Course Description:** Students who are approved to be a Lifeskills aide will assist in academic and functional activities while building relationship skills. Students must have an approved application and participate in an interview process.
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 (N1270153 GEMPLS)
# 0207 9th - 12th 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 (12701300 CAREERP2)
# 0217 11th-12th 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 (12701400 CAREERP2)
# 0227 12th 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 (03270700 READ1; 03270800 READ2; 03270900 READ3)
# 1070 I 9th - 12th 1 credit 4.0
# 1074 II 9th - 12th 1 credit 4.0
# 1077 III 9th - 12th 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 (03220100 ENG1)
# 1107 9th 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 (03220200 ENG2)
# 1207 10th 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 (03220300 ENG3)
# 1307 11th 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 17th to the 20th century. A variety of poetry, essays, and short stories will be read. Skills are developed in reading and literary analysis, writing for various purposes, speaking, listening, critical thinking, research techniques, and preparation for standardized tests. (English Credit)

Fundamentals of English IV (03220400 ENG 4)
# 1407 12th 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 20th century. Exposure to major authors, works, and themes, focusing on literary analysis and poetry from all major periods of British literature. Emphasis on reading, writing, language usage, literary devices, and research skills. Preparation for the world beyond high school is a constant motif. (English Credit)
Fundamentals of Algebra I (03133500 ALG 1)
# 2117 9th-10th 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 (03100700 GEOM)
# 2127 10th-11th 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 (03102540 ALGREA)
# 2137 11th-12th 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 (03060201 IPC)
# 3117 9th-10th 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 (03010200 BIO)
# 3217 9th-10th 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 (03040005 CHEM)
# 3417 11th-12th 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 (03340400 W HIST)
# 4007 9th-10th 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 (03320100 W GEO)
# 4107 10th 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 (03340100 US HIST)
# 4217 10th-12th 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 (03330100 GOVT)
# 4318 11th-12th .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
(03310300 ECO-FE)
# 4339 11th-12th .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
(N1290051 PATHCC1; N1290052 PATHCC2; N1290053 PATHCC3; N1290054 PATHCC4)
9th, 12th 1 credit 4.0
# 9876 Pathways to Success I
# 9877 Pathways to Success II
# 9878 Pathways to Success III
# 9879 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
(03220107 ENGL; 03220207 ENGL2; 03220307 ENGL3; 03220407 ENGL4) # 1107L, 1207L, 1307L, 1407L
9th, 12th 1 credit 4.0
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. 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. 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
(03100507 ALG1; 03100707 GEOM; 03102540 ALGREA)
# 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
(V3060201 IPC; 03010207 BIO; 03040000 CHEM)
# 3117L Appl IPC 1 credit 4.0
# 3217L Appl Biology 1 credit 4.0
# 3404L 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 practises 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
(03340407 WHIST; 03320107 WGEOG; 03340107 USHIST; V3330100 GOVT; V3310300 ECON)
# 4107L Appl W. Hist 1 credit 4.0
# 4127L Appl W. Geog 1 credit 4.0
# 4217L Appl US Hist 1 credit 4.0
# 4317L Appl US Govt 1 credit 4.0
# 4337L 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: Designed 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 9th grade.

Summer Assignments: Honors and AP courses often require summer reading assignments. Make sure you find out what those are. They are typically located on the high school website front pages.

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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>On Level (4.0 scale)</th>
<th>Honors, Pre-AP, AP (5.0 scale)</th>
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<td>English I</td>
<td>84</td>
<td>2.4</td>
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</tr>
<tr>
<td>Algebra II</td>
<td>92</td>
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<td>4.2</td>
</tr>
<tr>
<td>Biology</td>
<td>74</td>
<td>1.4</td>
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</tr>
<tr>
<td>Geography</td>
<td>63</td>
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</tbody>
</table>

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 the waiver process can be discussed with your counselor. Requests for course waivers must be received in the counseling office by June 12, 2020. 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 9th-11th grades with a no-credit class or in 12th 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 2nd, 3rd, or 4th 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.
### English
- 1080 ESOL I *
- 1090 ESOL II *
- 1100 Reading I *
- 1110 English I
- 1120 English I H *
- 1130 English I Pre-AP *
- 1210 English II
- 1220 English II H *
- 1230 English II Pre-AP *
- 1310 English III
- 1320 English III H *
- 1330 English III AP *
- 1410 English IV
- 1420 English IV H *
- 1430 English IV AP *
- 1440 English IV Dual *
- 1480 Creative Writing (AMCHS)

### Math
- 2210 Algebra I
- 2230 Algebra I Pre-AP *
- 2410 Geometry
- 2410F Flipped Geometry
- 2420 Geometry Pre-AP *
- 2250 Algebraic Reasoning *
- 2510 Algebra II
- 2520 Algebra II Pre-AP *
- 2540 Data Analysis *
- 2600 Pre-calculus
- 2610 Pre-calculus Pre-AP *
- 2630 AP Statistics *
- 2810 AP Calculus AB *
- 2820 AP Calculus BC *
- 2584 Math in Agriculture *

### Science
- 3210 Biology
- 3220 Biology Pre-AP *
- 3320 Biology II AP *
- 3110 IPC
- 3410 Chemistry I
- 3420 Chemistry I Pre-AP *
- 3430 Chemistry II AP *
- 3510 Physics: PT *
- 3610 Physics I *
- 3650 AP Physics I *
- 3644 AP Physics II *
- 3630 AP Physics C *
- 3720 Env Systems
- 3810 Anat and Phys
- 3820 Anat and Phys H *
- 3830 Biotechnology *
- 3850 Astronomy
- 6173 Forensic Science
- 6054 Adv Animal Sci (AMCHS)
- 6004 Adv Plant & Soil Sci *

### Social Studies
- 4120 Geography
- 4130 Geography H *
- 4140 AP Human Geog *
- 4100 World History
- 4110 World History H *
- 4150 AP World History *
- 4210 US History
- 4220 US History H *
- 4230 US History AP *
- 4233 Am Hist Through Film
- 4313 Government ½
- 4310OL Online Govt ½
- 4303 Government H * ½
- 4321 AP Government * ½
- 4323 Government Dual * ½
- 4333 Economics ½
- 4330OL Online Econ ½
- 4343 Economics H * ½
- 4353 Economics Dual * ½
- 4363 AP Microecon * ½
- 4513 Psychology H *
- 4530 AP Psychology *
- 4613 Sociology I
- 4623 Pers Fin Literacy ½

### Other (not PE Credit)
- 5270 Sports Med I *
- 5290 Sports Med II *
- 5293 Sports Med III *
- 5013 Health ½

### Athletics (all require signature)
- Volleyball 9th 5411V/5412V
- Volleyball 10th 5401/5402
- Volleyball 11th 5391/5392
- Volleyball 12th 5393/5396
- Football 9th 5511/5512
- Football 10th 5521/5522
- Football 11th 5531/5532
- Football 12th 5533/5536
- Girls Cross Country 9th 5441/5442
- Girls Cross Country 10th 5371/5372
- Girls Cross Country 11th 5381/5382
- Cross Country 12th 5383/5386
- Boys Cross Country 9th 5451/5452
- Boys Cross Country 10th 5471/5472
- Boys Cross Country 11th 5481/5482
- Boys Cross Country 12th 5485/5486
- Girls Track 9th 5461/5462
- Girls Track 10th 5463/5432
- Girls Track 11th 5361/5362
- Girls Track 12th 5363/5366
- Boys Track 9th 5601/5602
- Boys Track 10th 5631/5632
- Boys Track 11th 5561/5562
- Boys Track 12th 5565/5566
- Girls Golf 9th 5741/5742
- Girls Golf 10th 5743/5746
- Girls Golf 11th 5751/5752
- Girls Golf 12th 5753/5756
- Boys Golf 9th 5711/5712
- Boys Golf 10th 5715/5716
- Boys Golf 11th 5851/5852
- Boys Golf 12th 5855/5856
- Tennis 9th 5551/5552
- Tennis 10th 5651/5652

### Elective/Other
- 0110 AVID 9th
- 0120 AVID 10th
- 0130 AVID 11th
- 0140 AVID 12th

### Deadline to change courses is June 12, 2020 (*½ = semester course, @ = two period course * = signature required)

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**Note:**
- Courses marked with * are required.
- Courses marked with * are recommended.
- Courses marked with * are advanced placements.

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**Cheer** – see page 35 in catalog
Art
8010 Art I
8024 Art II Sculpture I *
8034 Art III Sculpture II *
8020 Art II Painting I *
8080 Art III Painting II *
8030 Art II Drawing I *
8040 Art III Drawing II *
8054 Art III PAP (11-12) *
8050 AP Art History *
8070 AP Studio Art Draw *
8074 AP Studio Art 2-D *
8064 AP Studio Art 3-D *

Choir
(Consult Choir Director)
8310 Concert Choir I
8320 Concert Choir II
8330 Concert Choir III
8340 Concert Choir IV
8240 Chorale I (9-12)
8250 Chorale II
8260 Chorale III
8270 Chorale IV
8350 Voc Ens I *
8360 Voc Ens II *
8370 Choir Voc Ens III *
8380 Choir Voc Ens IV *
8210 Men’s Chorus I
8214 Men’s Chorus II
8220 Men’s Chorus III
8224 Men’s Chorus IV

Orchestra
(Consult Orch Director)
8710 Orchestra I *
8720 Orchestra II *
8730 Orchestra III *
8740 Orchestra IV *

Dance
5200 Dance I – fine art
5064, 5065 Dance I - PE
5204 Dance II
5210 Dance III
5214 Dance IV
5200 Pre-Drill
5230 Drill Team/Adv Dance I *
5234 Drill Team/Adv Dance II *
5240 Drill Team/Adv Dance III *
5245 Drill Team/Adv Dance IV *
5217B Dance Wellness for Athletes (Males)
5217G Dance Wellness for Athletes (Females)
8560 Color Guard I *
8564 Color Guard II *
8570 Color Guard III *
8574 Color Guard IV *

Theater
(Consult Theatre Director)
8110 Theater Arts I
8120 Thea Arts II *
8130 Thea Arts III *
8140 Theater Arts IV *
8150 Tech Thea I *
8160 Tech Thea II *
8170 Tech Theater III *
8154 Tech Th II: Theatrical Design (10-12) *
8090 Thea Prod I *
8100 Thea Prod II *
8180 Thea Prod III *
8104 Improv Thea
8114 Mus Thea I (CSHS only)
8124 Mus Thea II (CSHS only)

Band
(Consult Band Director)
8450 Band I
8460 Band II
8470 Band III
8480 Band IV
8610 Jazz Ens I *
8620 Jazz Ens II *
8630 Jazz Ens III *
8640 Jazz Ens IV *
8700 AP Music Theory

Architecture and Construction
6764 Prin of Const
6750 Build Tech I (CSHS)
6754 Build Tech II @ (CSHS) *
6780 Arch Design (CSHS)
6800 Career Prep I

Hospitality and Tourism
6900 Intro to Culinary Arts
6910 Culinary Arts (CSHS)
6920 Adv Culinary Arts @ (CSHS) *
6800 Career Prep I

Information Technology
6300 Princ Info Tech
6320 Comp Maint (AMCHS)
6330 Networking w/lab @ (AMCHS) *
6340 Computer Tech @ (AMCHS) *
6391, 6392 PBR IT
6800 Career Prep I

Other CTE Courses
5603 Touch Syst Data Entry ½
6800 Career Prep I
6890 Career Prep II
6230 Fashion Design
6240 Interior Design
2284 Math in Ag

Ag, Food and Natural Resources
6000 Intro to Ag
6010 Hort Science
6020 Floral Design
6024 Adv Floral Design *
6027 Pract in Ag – Floral Design *
6043 Equine Sci ½
6053 Small Anim Mgmt ½
6004 Adv Plant & Soil Sci (CSHS) *
6030 Wildlf, Fish & Eco Mgmt (CSHS)
6037 Pract in Ag – Wildlife (CSHS) *
6064 Food Tech and Safety (CSHS)
6060 Food Processing @ (CSHS) *
6067 Pract Ag – Food Processing (CSHS)
6070 Ag Mech & Metal Tech (AMCHS) *
6080 Ag Struct and Fab @ (AMCHS) *
6084 Pract in Ag - Ag Mech @ *(AMCHS)
6040 Livestock Prod (CSHS)
6050 Vet Med Apps @ *(AMCHS)
6054 Adv Animal Sci * (AMCHS)
6991/6992 SRD
6091, 6092 PBR Ag
2584 Math in Agriculture

Business, Marketing and Finance
6510 Princ Bus, Mrktng, & Fin
6503 Keyboarding - ½
6613 Fashion Marketing - ½
6623 Sports & Ent Mrktng - ½
6600 Entrepreneurship H
6520 Bus Inform Mgmt I
6530 Bus Inform Mgmt II *
6640 Accounting I-H
6597 Prac Bus Mgmt - Store
6650 Accounting II-H *
6550 Business Law
6533 Social Media Mktd ½
6624 Sports and Ent Mktd II ½
6591, 6592 PBR Bus Mgmt
6695 Prac Marketing - Store
6800 Career Prep

STEM / Engineering
6954 Intro to Eng & Design
6300 Princ of Info Tech
6767H Prin of Eng
6940 Engineering Apps
6960 Civil Eng Architecture
6970 Eng Design Development
6370 Found. Cyber Security
6380 Cyber Sec Capstone
6330 Networking w/lab (AMCHS) *
6350 Computer Prog I H
6360 Computer Prog II H*
6343 Princ of Comp Sci
3840 Principles of Bioscience
6791, 6792 PBR
6991, 6992 Sci Res and Design

Human Services, Educ and Training
6120 Teen Living
6250 Child Development
6213 Foods 101 - ½
6223 Dollars and Sense - ½
6270 Inst Practices @ +
6274 Pract Ed & Train @ +
6800 Career Prep
6291, 6292 PBR Hum Services

Law, Public Safety, Corrections and Security
6700 Prof Law, Pub Safety
6710 Law Enf I (10-12)
6720 Law Enf II (11-12) *
6173 Forensic Science

Health Sciences
6120 Prin of Health Sci
6137 Medical Terminology
6163 Health Science Theory (AMCHS)
6163H Health Science Theory H (AMCHS)
6166 Health Science Theory w/Clinicals (AMCHS)
6166H Health Science Theory w/Clinicals II (AMCHS)
6153 Prac Hlth Sci - CMA @ (AMCHS) *
6156 Prac Hlth Sci - CNA @ (AMCHS) *
6147 Pract Hlth Sci – Pharm Tech @ (AMCHS) *
6144 Pract Hlth Sci – EMT @ (AMCHS) *

Bryan CTE Program
6735 Automotive I
6747 Automotive II
6744 Prac STEM I
6795 Prac STEM II
6973 Welding I
6976 Welding II
2020-2021 9th Grade Course Cheat Sheet
* = signature required ½ = semester course
Deadline to change courses – June 12, 2020

English/Reading
1110 English I
1120 English I H*
1130 English I PreAP*
1480 Creative Writing

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

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

Social Studies
4120 World Geography
4130 World Geography H *
4140 AP Human Geography *

Languages Other Than English (LOTE)
7010 French I
7110 German I
7210 Spanish I
7220 Spanish II
7230 Spanish II-H* 
7240 Spanish for Heritage Speakers*
7310 Latin I 
7410 Mandarin Chinese I (online only)

Fine Arts (full year courses)
5200 Dance I (Fine Arts)
5217M Dance Wellness for Male Athletes 
5217G Dance Wellness for Female Athletes 
5220 Pre-Drill team (Dance I)
8010 Art I 
8110 Theater Arts I
8114 Musical Theatre I (CSHS only)
8210 Boys Choir I (Men’s Chorus)
8310 Girls Choir I (Concert Choir)
8450 Band I *
8560 Color Guard I *
8710 Orchestra I *

Career and Technical Education/Other Electives
0110 AVID 9th *
1033 Leadworthy Teen Leadership
1503 Journalism (fall only)
4613 Sociology - ½
5013 Health - ½
5270 Sports Medicine I
6000 Introduction to Ag/Food/Natural Res
6310 Principles of Arts, A/V & Comm
6503 Keyboarding - ½
6520 Business Information Management I
6120 Principles of Health Science
6200 Principles of Human Services
6300 Principles of Information Technology
6350 Computer Programming I (requires Math tchr sig)
6364 Video Game Design
6700 Principles of Law & Public Safety
6510 Principles of Business, Marketing, & Finance
6613 Fashion Marketing - ½
6623 Sports & Entertainment Marketing - ½
6764 Principles of Architecture and Construction
6954 Introduction to Engineering Design
6900 Introduction to Culinary
5251/5252 Cheerleading
1820 Debate I
1900 Oral Interp
9301/9302 Study Hall
9211-9212 Office Aide

Athletics (*Coach initial required)

<table>
<thead>
<tr>
<th>SPORT</th>
<th>FALL</th>
<th>SPRING</th>
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<tbody>
<tr>
<td>Girls Volleyball *</td>
<td>5411V</td>
<td>5412V</td>
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<tr>
<td>Boys Football *</td>
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<td>Boys Baseball *</td>
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Physical Education (PE) (choose by semester)

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<th>COURSE</th>
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<td>Individual sports</td>
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<td>Team Sports</td>
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<td>Outdoor Ed.</td>
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<td>5131M</td>
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<td>Fitness Training</td>
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<td>Aerobic Walk</td>
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<td>5152</td>
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<tr>
<td>Dance (PE Credit)</td>
<td>5064</td>
<td>5065</td>
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Tryouts for Choir and Orchestra will be held in late Spring/level changes made per Directors.
CSISD 5 Year Plan – Spring 2020

Students will begin planning their high school program in the 8th 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 11th grade.

<table>
<thead>
<tr>
<th>Endorsement: (choose at least one)</th>
<th>Program of Study (CTE)</th>
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<tbody>
<tr>
<td>Multidisciplinary</td>
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<tr>
<td>Business and Industry</td>
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<tr>
<td>STEM</td>
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<td>Arts/Humanities</td>
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<td>Public Service</td>
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<td>Math: 3</td>
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<td>Social Studies: 3</td>
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<td>For Lang: 2 (same)</td>
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<tr>
<td>Phys Ed: 1</td>
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<td>Electives: 5</td>
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<td>For Lang: 2 (same)</td>
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<tr>
<td>Phys Ed: 1</td>
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<tr>
<td>Electives: 6 or 7</td>
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<td>2 or 4-Year College</td>
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<td>Technical Training</td>
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<td>Military</td>
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<td>Other</td>
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<th>MS Courses for HS Credit</th>
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<th>Foundations</th>
<th>PE</th>
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Required Electives: 1 PE, 1 Fine Art, 2 Foreign Language (same) Other Electives: CTE classes, extra core classes, additional PE, fine arts, foreign language, etc