Dear Students and Parents,

Deciding what classes to take in high school is one of the most important decisions a person makes. It can impact future opportunities, and paths that will be open or closed. Because of its importance, our goal at Fountain-Fort Carson High School is to provide our students and families with as much information and guidance as possible in order to make informed decisions.

FFCHS offers a variety of opportunities for our students. In the pages that follow, we provide a description of all of the classes that are offered here, as well as information about college admissions, school policies around grading, and other important information about opportunities after high school. Please take the time to read through the information and ask questions if you need any clarification.

Our goal is to provide a quality education and help students become career and college ready. In order to accomplish this goal, is it important that the decisions made today are the right choices and have been thoroughly thought out and students and families are armed with the right information.

We are here to support students as they pursue their academic interests. Our faculty is dedicated to serving our students and provide them with the opportunity to achieve their goals. We will work with students and their families to accomplish these goals.

Fountain-Fort Carson High School offers a variety of opportunities for students and we want our students to take advantage of the resources we provide. Together, we believe our students can accomplish whatever lies in their future. We thank you for taking the time to look through our course description guide, and are here to answer any questions that may arise. We look forward to continuing to serve our current students, and are excited for our incoming class to join our Trojan family.

Sincerely,

Patrick J. Krumholz
Principal
Fountain-Fort Carson High School
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- Senior-to-Sophomore and CU Succeed Concurrent Enrollment Program
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- In State Residency for Military
- Military Members Domiciled in Colorado
- Reserve Officer Training Corp (ROTC)
- Military Enlistment

Fountain-Ft. Carson School District 8 does not discriminate on the basis of race, color, national origin, sex, or disability in its programs or activities. A lack of English language proficiency will not be a barrier to admission and/or participation in any aspect of any academic or career and technical education programs, offered through the school district.

The following people are designated compliance officers to handle inquiries regarding the nondiscrimination policies, and are delineated further by employee compliance officer and student compliance officer for discrimination inquiries and/or complaints related to either group:

**Employee Matters Compliance Officer**
Mr. Joel Hamilton
Executive Director, Human Resources
10665 Jimmy Camp Road
Fountain, Colorado 80817
Telephone: (719) 382-1300
Email: joelhamilton@ffc8.org

**Student Matters Compliance Officer**
Dr. Montina Romero
Deputy Superintendent
10665 Jimmy Camp Road
Fountain, Colorado 80817
Telephone: (719) 382-1300
Email: mromero@ffc8.org
COURSE LIST 2020-2021

➢ LANGUAGE ARTS

➢ MATH

➢ SCIENCE

➢ SOCIAL STUDIES

➢ FINE ARTS
  • Visual Art
  • Music
  • Video Production
  • Drama
  • Speech, Public Speaking, Forensics and Debate
  • Poetry and Creative Writing

➢ PRACTICAL ARTS
  • Career and Technology Education
  • Culinary Arts
  • Yearbook
  • STEM (Science Technology Engineering Math)
  • Technical Theatre
  • Woods and Metals
  • JROTC

➢ WORLD LANGUAGES

➢ PHYSICAL EDUCATION

➢ LITERACY ENHANCEMENT (Reading support and Intervention)

➢ GENERAL ELECTIVES

➢ SPECIAL EDUCATION

➢ ENGLISH LANGUAGE LEARNERS

➢ CAREER START
REGISTRATION INFORMATION

Student Registration

All students, new and returning, must participate in Fall registration, also called Student Registration. Scheduled dates for each grade level will be posted on our website http://ffchsweb.ffc8.org in July. Registration forms must be filled out online and submitted to FFCHS during these days. Parents of returning students (including incoming freshmen from Carson Middle School and Fountain Middle School) need to electronically register online. All new students must appear in person during New Student Registration. New students unable to attend Back to School Days should call the counseling department to schedule an appointment. Please call (719) 358-4385.

Electronic Registration

Links to registration forms are found on our website http://ffchsweb.ffc8.org (click on the red pencil on the right hand side). By completing and submitting forms electronically, you have registered your student for the current school year. You will find a link under each FFCHS student entitled “Registration Checklist”. This list will assist you in determining if your forms were received by the registrar’s office. To complete registrations, please call the Counseling Center for an appointment at (719)-358-4386. Students registering for school after the first day might not be placed into requested classes due to availability. It is always best to register before school begins.

Fees may be paid online for physical education uniforms, specific class fees, yearbooks, and mandatory annual laptop fee at http://ffc8.revtrek.net/tek9.asp.

Enrolling New Students

Please bring the following documentation:
- Birth certificate
- Immunization records
- Name, address and phone number of previous school
- Documentation/Transfer Packet from previous school to include withdraw grades for accurate course placement
- Proof of residence (escrow paperwork, lease agreement, most recent gas/electric/water bill, credit card or similar statement with current address)

If you are entering FFCHS during the school year, please schedule an appointment with our registrar at (719) 358-4386 between 8:00 AM-4:00 PM MST, Monday-Friday.

School and District Information

Please visit our District website at www.ffc8.org or our school website at www.ffc8.org/FFCHS for information to help create smooth transitions between schools and find valuable information on important events, daily announcements, newsletters, open house, athletics, clubs, high school planning, postsecondary planning, test preparation, college and scholarship information and more!! Click on links below:
- Infinite Campus
- Parent Portal
- Counseling Center Newsletters

Late Enrollment and Credit Eligibility

Students enrolling after the beginning of each semester begins, or after a lengthy gap in attendance, that do not have transfer grades from a previous school, the following guidelines apply:

<table>
<thead>
<tr>
<th>Day of School</th>
<th>Credit Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st-15th</td>
<td>Students may enroll. The student will be responsible for making up missed class work.</td>
</tr>
<tr>
<td>16th-30th</td>
<td>Students may enroll. Credit for class will be determined by the counselor and administrator.</td>
</tr>
<tr>
<td>After the 30th day</td>
<td>Students may enroll but student will not receive credit for classes.</td>
</tr>
</tbody>
</table>

Credit Transfer

Counselors and administrators will determine transfer credits of students with high school work on record. Students behind in credits towards graduation or who have not been in regular attendance in any school for a period of more than three (3) weeks may be recommended for placement at Welte Education Center for a smoother transition. Please be sure that we receive official transcripts for the students’ previous coursework as soon as possible. Students will be placed in classes based upon skills, earned credits, grade level, and deficient graduation requirements.
**Grade Level Determination**

New students entering from non-Colorado regionally accredited public schools and private schools shall be placed in grades and classes on the basis of their grade placement/credits in the school from which they are transferring. The district administration, through academic achievement tests and other evaluation measures as found necessary, shall determine the appropriate grade level/credit status of students transferring from home schools or private schools that have not been accredited by the Colorado Department of Education.

<table>
<thead>
<tr>
<th>To Be Classified as a:</th>
<th>LA</th>
<th>Math</th>
<th>Science</th>
<th>SS</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Senior</strong></td>
<td>3 credits</td>
<td>3 credits</td>
<td>3 credits</td>
<td>3 credits</td>
<td>18 credits</td>
</tr>
<tr>
<td><strong>Junior</strong></td>
<td>2 credits</td>
<td>2 credits</td>
<td>2 credits</td>
<td>2 credits</td>
<td>12 credits</td>
</tr>
<tr>
<td><strong>Sophomore</strong></td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>6 credits</td>
</tr>
</tbody>
</table>

**McKinney-Vento Homeless Education Assistance Act**

If, due to lack of alternative adequate accommodations, you must live in a shelter, motel, vehicle, or campground, on the street, in abandoned buildings or trailers, or doubled with relatives or friends, then in accordance with the McKinney-Vento Act, you are considered homeless. You, as a student, have the right to go to school, remain in your school of origin, and receive services and assistance. For information or assistance, please contact our District Social Worker for the Homeless at (719) 492-8810 or your school counselor.

**Graduation Requirement-Class of 2021 and Beyond**

<table>
<thead>
<tr>
<th></th>
<th>Language Arts*</th>
<th>Mathematics*</th>
<th>Science*</th>
<th>Social Studies* (must include US History and American Govt)</th>
<th>Physical Education</th>
<th>Health</th>
<th>Fine Arts</th>
<th>World Language</th>
<th>Academic Electives***</th>
<th>General Electives</th>
<th>Total Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Senior</strong></td>
<td>3 credits</td>
<td>3 credits</td>
<td>3 credits</td>
<td>3 credits</td>
<td>1.5**</td>
<td>0.5</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>24</td>
</tr>
<tr>
<td><strong>Junior</strong></td>
<td>2 credits</td>
<td>2 credits</td>
<td>2 credits</td>
<td>2 credits</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>1</td>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td><strong>Sophomore</strong></td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>1</td>
<td>4</td>
<td>6</td>
</tr>
</tbody>
</table>

*All students are required to enroll in a full year of math, science, and social studies each of their first 3 years in high school.
*Students are required to have language arts all 4 years.
**Students participating and passing a full year of JROTC will be allowed to waive the following:
  JROTC 1/Let 1 Rifle = 0.5 PE waiver
  JROTC 2/Let 2 Rifle = 1.0 PE waiver
  JROTC 3/Let 4 Rifle or Staff = 1.0 PE waiver or 1.0 Academic Elective
  JROTC 4/Let 4 Rifle or Staff = 1.0 PE waiver or 1.0 Academic Elective
**Students participating and completing 3 seasons of Marching Band will be allowed to waive 1.5 Physical Education Credit.
**Students who complete an entire sports season competing for FFCHS will be allowed to waive 0.5 of Physical Education Credit, up to a maximum of 1.5 credits during their high school career.
***Academic Electives include- English, Math, Science, Social Studies, World Language (in excess of the 1-year World Language Requirement), and other courses as approved by the Principal.
Higher Education Admission Recommendations (HEAR)

Students planning to attend a four-year college or university in Colorado should complete the following classes in order to fulfill the Higher Education Admission Recommendations (HEAR). HEAR is one factor of many that public four-year institutions consider in the admission decision process. Visit the CDHE Admission webpage to learn about all admission review factors. Meeting HEAR does not guarantee admission to a four-year public institution within Colorado.

*Additionally, in and out of state colleges, universities and certain academic programs may have additional admission factors and courses. Verify with colleges and universities of interest for specific admissions and course requirements.

<table>
<thead>
<tr>
<th>Higher Education Admission RECOMMENDATIONS (HEAR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>English*</td>
</tr>
<tr>
<td>Mathematics (must include Algebra I, Geometry, Algebra II or equivalents)</td>
</tr>
<tr>
<td>Natural/ Physical Sciences** (2 units must be lab-based)</td>
</tr>
<tr>
<td>Social Studies (at least one unit of U.S. or World History)</td>
</tr>
<tr>
<td>World/ Foreign Language***</td>
</tr>
<tr>
<td>Academic Electives****</td>
</tr>
<tr>
<td>*****plus, additional courses to meet high school graduation requirements</td>
</tr>
</tbody>
</table>

*Two units of ESL English may count for HEAR recommendations when combines with two units of successfully completed college preparatory English.
**College-preparatory ESL mathematics/science courses that include content and academic rigor/level comparable to other acceptable courses may satisfy HEAR recommendations.
***American Sign Language (ASL) courses can count toward the World / Foreign Language recommendation.
****Acceptable Academic Electives include additional courses in English, mathematics, natural/physical sciences and social sciences, foreign languages, art, music, journalism, drama, computer science, honors, Advanced Placement, International Baccalaureate courses, and appropriate CTE courses. The Colorado Commission on Higher Education does not review individual high school courses to determine whether or not they meet Colorado’s Higher Education Admissions Recommendations. Local school districts in Colorado oversee their high school curricula and colleges and universities establish their own entrance standards, it is their discretion to determine what coursework meets HEAR.

Credit Recovery

Students and parents are ultimately responsible for monitoring the student’s schedule of courses and for fulfilling graduation requirements. Students not on track for graduation will be recommended for additional credit opportunities and courses necessary for graduation. Fountain- Fort Carson High School grants credit for course work successfully completed in any regionally accredited summer school program. Juniors and seniors may use approved online course work as a way to make up failed requirements as well. Students not on track for graduation should see their counselor immediately to create a plan for credit recovery. Seniors who have not completed all requirements for graduation will not participate in the graduation ceremony.

Online Credit Recovery

FFCHS’s online learning digital curriculum, ACELLUS, is available for credit recovery on a case by case basis with recommendation and approval. ACELLUS classes are reserved for Seniors who may need credit recovery and take place on Tuesdays and Thursdays after school. Students may earn no more than 1 credit in any one core or elective area via ACELLUS credit recovery.

Process for Early Graduation

A student wanting to graduate in December of their senior year is required to meet with their grade level counselor to determine if he/she is on track to graduate and is eligible for early graduation. An early graduation contract and a letter to the principal are due by May 15th of their junior year. The student must have earned 3.5 credits in each core subject prior to the fall of their senior year.
Safe2Tell 1-877-542-7233 (SAFE)

Safe2Tell is ANONYMOUS – this means your identity is UNKNOWN. Anonymity is protected by Colorado state law. The Toll-Free number is: 1-877-542-7233 (SAFE). Enter the number into your cell phone, in case you ever need it! Web reports can be made from our main page. Safe2Tell is for serious reports only and saves lives of students in Colorado. It is NOT for pranks or hang-up calls. Remember “Telling” is not “Snitching” … Telling saves lives. Think there’s a chance it won’t happen? NEVER LET “A CHANCE” TAKE A LIFE!

Students use Safe2Tell to report: bullying, stealing, threats, fights, drugs, alcohol, weapons, sexual misconduct, harassment, stalking, dating violence, cutting, suicidal behaviors or any other types of violent or dangerous situations that threaten their safety or the safety of others for the purpose of prevention and intervention. The purpose of Safe2Tell is to help keep students safe and healthy.

Request a Transcript

1. Current students should primarily use Naviance for all Transcript requests.
2. For specific programs needing hardcopy transcripts, download a Request for Transcript Form from our website http://ffchsweb.ffc8.org/ and click on Counselling>Official Transcript
3. Fax the completed form to (719) 382-4792.
4. Please allow 2-3 business days for processing.
Grading Policies and Student Recognition

Grade Scale
Grades at FFCHS are based on the following percentages:

- 90-100% = A
- 80-89%  = B
- 70-79%  = C
- 60-69%  = D
- Below 59% = F (no credit earned)

Grade Points
Grades for all classes are counted in the grade point average, except courses taken on a pass/fail basis. The four-point method is used in determining grade point in all regular (unweighted) classes. The five-point method is used in determining grade points in honors or college level (weighted) classes. The difference between weighted and unweighted grades in terms of grade point value is as follows:

<table>
<thead>
<tr>
<th>Nonweighted Grade Points</th>
<th>Weighted Class Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A = 4 grade points</td>
<td>A = 5 grade points</td>
</tr>
<tr>
<td>B = 3 grade points</td>
<td>B = 4 grade points</td>
</tr>
<tr>
<td>C = 2 grade points</td>
<td>C = 3 grade points</td>
</tr>
<tr>
<td>D = 1 grade point</td>
<td>D = 1 grade point</td>
</tr>
<tr>
<td>F = 0 grade points</td>
<td>F = 0 grade points</td>
</tr>
</tbody>
</table>

Class Rank
Class rank will be based on the weighted cumulative GPA for all GPA’s less than or equal to 4.0. For GPA’s over 4.0, total bonus points will determine class rank. Bonus points are awarded as outlined below per semester credit. For example, a student with all A’s that has taken 11 weighted classes would have 11 bonus points.

<table>
<thead>
<tr>
<th>Nonweighted Grade Points</th>
<th>Weighted Class Grade Points</th>
<th>Bonus Points (Weighted Classes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A = 4 grade points</td>
<td>A = 5 grade points</td>
<td>A = 1</td>
</tr>
<tr>
<td>B = 3 grade points</td>
<td>B = 4 grade points</td>
<td>B = 0</td>
</tr>
<tr>
<td>C = 2 grade points</td>
<td>C = 3 grade points</td>
<td>C = -1</td>
</tr>
<tr>
<td>D = 1 grade point</td>
<td>D = 1 grade point</td>
<td>D = -3</td>
</tr>
<tr>
<td>F = 0 grade points</td>
<td>F = 0 grade points</td>
<td>F = -4</td>
</tr>
</tbody>
</table>

Valedictorian
The graduate with a GPA of 4.0 or greater that has the most bonus points will be recognized as the Valedictorian. Bonus points are earned only in classes available at FFCHS or equivalent to classes from transferring students. College classes taken off campus or as a PSEO option will not be weighted classes and accrue no bonus points. For each graduating class, a maximum number of bonus points will be established. For example: If we offer AP World History at FFCHS, a student transferring in with AP European History may count these as bonus points. Similarly, if we do not offer a weighted grade in world language, the transfer student may not earn bonus points for Honors or AP Spanish.

All students with GPA’s of 4.0 or greater will be recognized as Graduating with Distinction. Valedictorian and Salutatorian will be the determined based upon total bonus points earned during their entire high school career, including their eighth semester.
**Semester Honor Roll**

Principal's Academic Award ........................ (4.0 and higher) First time students will receive a 7" Chenille Letter. A gold bar will be issued for every subsequent 4.0 semester thereafter.

Outstanding Academic Award ....................... (3.6 to 3.99) Students will receive an Honor Roll Certificate

Honor Roll ...................................................... (3.40 - 3.59) Students will receive an Honor Roll Certificate

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**Convocation Awards**

Senior Convocation Awards are based on their cumulative GPA for all 4 years of high school. Nominated students are recognized for outstanding achievement in each core subject area (language arts, mathematics, science, social studies). Scholarships, athletic awards, service academy appointments, and other distinctions (including those that are not being accepted) are read during the Senior Convocation ceremony. Please send a copy of all award letters, scholarships and other recognition documentation to the counseling center by May 1st of senior year. Underclassman Convocation Awards for freshmen, sophomores and juniors are based on a cumulative GPA.

- **Distinguished Honors: 4.0 and above**
  - High Honors: 3.6 – 3.99
  - Honors: 3.4 – 3.59

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**Incomplete Grades**

Students may request incomplete grades for extenuating circumstances. No incomplete grades will be given without administrative approval. Regardless of circumstance, make up work and/or final need to be completed within two weeks of grades being posted. It is the responsibility of the student to arrange times to meet with teachers for exams and tutoring. An "I" or Incomplete grade may be changed to an "F" (or earned percentage) two weeks after grades have been posted.
**COURSE PLANNING AND SELECTION**

**Minimum Class Load Requirements**
All students must enroll in seven periods per day to include a full year of math, language arts, science, and social studies for their first three years. Release or “free periods” are not an option in a student’s schedule. Additionally, if enrolled in a yearlong course, students are required to remain in the class the entire year.

**Independent Study**
Independent study is only recommended in rare cases. It is best used for irresolvable scheduling conflicts, student hardship, and occasionally for academic enrichment. A certified teacher, within the appropriate content area, must be assigned to monitor a student wishing to take an independent study course. No student will be enrolled in an independent study without permission of the Principal.

**Schedule Changes**
The constraints of the Master Schedule may make it difficult and many times impossible to change courses. If possible, students may make schedule changes after the first day of school. Counselors are available before and after school, and at lunch for the first five (5) days of 1st and 2nd semester to make changes. Students wishing to change courses, will first need to have a parent signature on a Schedule Change Request Form available in counseling.

Examples of appropriate changes include a schedule that:
- Does not fulfill the required 7 periods
- Does not include required Academic Electives
- Does not include a sufficient number of core classes (at least 1 language arts, 1 science, 1 social studies, and 1 math)
- Places a student in the wrong course level or the student does not meet the course prerequisite
- Includes a course the student has already taken
- Includes a class the student is physically unable to perform the requirements (doctor’s note required)

**Drop/Add Policy**
In order to ensure the academic integrity of courses offered at FFCHS, the following Drop/Add Grading Policies are in effect:

<table>
<thead>
<tr>
<th>DAY OF CLASS</th>
<th>POLICY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-10th</td>
<td>A student may drop a class without grade penalty, pending approval of the counselor and parent. After the 5th day of the semester, additional approval of an administrator must be given. A parent signature is required. Another class must replace the dropped class. The student is responsible for making up all assigned work in the new class. Parental approval may be required for all dropped classes.</td>
</tr>
<tr>
<td>11-15th</td>
<td>A student may drop a class, pending approval of a counselor, teacher, and/or administrator. An alternate class must replace the dropped class and the student is responsible for making up all assigned work to earn credit in the new course. Parental approval may be required for all dropped classes.</td>
</tr>
<tr>
<td>16th and on</td>
<td>A student may drop a class, pending approval of a counselor, teacher, and/or administrator and receive either a “WP” (withdraw passing in satisfactory academic standing) or “WF” (withdraw failing-earning a 59% or less during time of withdraw) on their academic transcript. Neither the term/cumulative GPA nor class rank will be affected by the WP or WF. The student may be placed in an alternate course and is expected to participate while on audit status (for no credit and a “NM” on the transcript). Parental approval may be required for all dropped classes.</td>
</tr>
</tbody>
</table>

**College Credit and Dual Enrollment Guidelines**
Concurrent credit is credit earned in both college and high school simultaneously. CU-Denver, CSU-Pueblo and Pikes Peak Community College offer multiple courses to our students.
- Must be in the 11th or 12th grade
- In some cases sophomores can take college courses offered at the high school with met perquisites and administrative/college approval.
- Must have qualifying placement test scores (PSAT, SAT, Accuplacer, ACT, or SCANTRON)

**Final Exams**
All students must take finals. Student attendance during finals is mandatory. Any student with extremely extenuating circumstances must obtain approval from the Principal to take early or late finals. Please contact the Principal’s Secretary.

**Pre AP and College Class Enrollment Appeal Process**
Students and parents must sign an Advanced Course Parent Agreement Form to enroll in a class in which the student does not meet prerequisites. This form indicates that parents and students assume responsibility for grades and course expectations. Schedule Change Request Forms are available in the counseling center for students or parents to pick up.
**SPECIAL OPPORTUNITIES**

**Advanced Placement (AP) Courses**

Various AP courses are offered at Fountain-Fort Cason High School based on availability of AP trained teachers and enough student requests. Students enrolling in AP Courses are required to take the AP Exam(s) in May of each school year. Exams are scored on a number basis from 1-5. Students scoring a 3, 4, or 5 are eligible for college credit at over 2,900 colleges and universities. (Credit is given at the discretion of the academic institution) An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st. AP course offerings available at FFCHS:

<table>
<thead>
<tr>
<th>AP Language and Composition</th>
<th>AP Studio Art</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Literature and Composition</td>
<td>AP Music Theory</td>
</tr>
<tr>
<td>AP Calculus</td>
<td>AP Chemistry</td>
</tr>
<tr>
<td>AP Statistics</td>
<td>AP Biology</td>
</tr>
<tr>
<td>AP World History</td>
<td>AP Physics</td>
</tr>
<tr>
<td>AP Human Geography</td>
<td>AP Environmental Science</td>
</tr>
<tr>
<td>AP Psychology</td>
<td>AP Computer Science Principles</td>
</tr>
</tbody>
</table>

**Senior to Sophomore and CU Succeed Concurrent Enrollment Program**

Various courses offering students the potential to earn college credit are offered at Fountain-Fort Cason High School based on availability of approved/trained teachers and enough student requests. University of Colorado in Denver and Colorado State University in Pueblo and Fountain-Fort Carson high school have designed a cooperative program that provides the opportunity for Fountain-Fort Carson high school students to earn high school and college credit while attending classes on the high school campus. The college courses in this agreement meet the requirements and competencies established by CU-Denver and CSU- Pueblo. The instructors are certified as high school teachers and must meet the CU-Denver and CSU-Pueblo standards to teach at the college level. These classes are offered as part of the regular high school day and are free of charge. Upon satisfactory completion (“C” or better) of these courses, a student may use these credits toward a degree at the community college or university level in the state of Colorado. Out of state and highly selective colleges will make their own determination as to how these credits are transferred. College course offerings available at FFCHS:

<table>
<thead>
<tr>
<th>CSU-P US History 201</th>
<th>CSU-P Principles of Biology</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSU-P US History 202</td>
<td>CU-Den General Chemistry I</td>
</tr>
<tr>
<td>CSU- American History/Hollywood</td>
<td>CSU-P Teacher Cadet</td>
</tr>
<tr>
<td>CSU-P Southwest History 136</td>
<td>CSU-P Teacher Cadet</td>
</tr>
<tr>
<td>CSU-P Spanish 201</td>
<td>CSU-P Spanish 202</td>
</tr>
</tbody>
</table>

Students not passing a college course with at least a 'C' will be responsible for tuition reimbursement to Fountain-Fort Carson School District Eight in the amount of $180.00 per course failed or with a “D”.

**Career and Technical Education (CTE)**

Did you know that nearly 80% of Colorado jobs will require some form of postsecondary education and 60% will require at least a 2-year degree? Did you know that Fountain-Fort Carson High School has a Career and Technical Education program that is preparing students for college and careers? Welcome to the world of Career and Technical Education --- the gateway to postsecondary workforce readiness. Today’s generation of CTE programs are totally integrated with the academic courses, combine relevance and rigor, prepare learners for college and careers, and promote partnerships among education, the workforce, business, industry, and the community. We are fortunate to have the following CTE approved programs in our district: business, marketing, education, culinary, graphic arts, biomed, and ACE. Two of the programs have a required student organization component – FBLA (Future Business Leaders of America) and DECA (Distributive Education Clubs). These student organizations allow students to compete both regionally and nationally in their respective fields. For more information on Career and Technical Education in Colorado, please contact any of the CTE teachers or go to [http://www.coloradostateplan.com/index.htm](http://www.coloradostateplan.com/index.htm).
**National Honor Society**

Fountain-Fort Carson High School's National Honor Society is a recognized chapter in the National Honor Society. We follow all of the national guidelines. National Honor Society [www.nhs.us](http://www.nhs.us) is an organization that recognizes students for outstanding high school performance in scholarship, character, leadership and community service.

Students are scholastically eligible at FFCHS for membership in National Honor Society provided they are at least juniors, have a weighted GPA of at least 3.8, and have been enrolled for at least a semester at FFCHS. Students who are scholastically eligible are encouraged to submit an application for membership in the FFCHS National Honor Society. This application allows the students to document their leadership, character, and community service. Leadership activities and community services may be at school or in community activities. These leadership and community service activities must have occurred while the student is in high school. (Efforts prior to high school may be recognized in National Junior Honor Society during their junior high school years.)

Transfer students who were members in NHS at their previous school may transfer membership. At the end of their first semester, they must meet the National Honor Society scholastic requirements at FFCHS. (Local NHS chapter GPA requirements vary from school to school. The GPA at FFCHS of the transfer student will reflect weighted and unweighted classes at FFCHS, so the GPA may change as a result of the transfer.)

Transfer students may waive the one semester enrollment requirement by getting a letter from their previous school from either the principal or NHS Chapter Advisory stating that they met all of the requirements for National Honor Society at that school. The transfer student could then apply through the regular process at FFCHS. Typically students need two letters of recommendation. These letters may come from the previous school. Students may apply for membership in NHS each semester at FFCHS. The NHS Induction Ceremony is held annually.

**Gifted and Talented**

Gifted children are those students, pre-school through 12th grade, who give evidence of high achievement capability in areas such as intellectual, creative, artistic, leadership, or specific academic fields, and require differentiated learning opportunities in order to fully develop those capabilities.

**Screening Process**

A four step process is used to identify Highly-capable and Gifted Students at FFCHS. A student may be nominated for consideration by a parent, teacher, previous district identification, or assessment data. A student new to FFCHS who was previously identified GT in another district/state will automatically be nominated for the screening process. A body of evidence is collected for an identification process. Based on the student’s learning profile, the Gifted and Talented team will convene to analyze the data and determine the level of appropriate identification. If a parent, student or teacher does not agree with the identification decision, he/she has the right to an appeal (see below).

**Step I-Nomination**

A student may be nominated for the identification process by
- Parent
- Teacher
- Assessment Results
- Previous GT Identification

**Step II-Collection of Body of Evidence**

The Gifted and Talented Team including a building administrator will collect and review a Body of Evidence for the nominated student. This includes assessment results, class work, parental input, and teacher observations. The Identification Committee may make a recommendation for identification.

**Step III-Identification**

The Screening Committee will recommend one of the following levels of identification:
- Grade Level Learner: Body of evidence suggests the student is performing successfully on current grade level standards.
- Highly-capable Learner: Evidence suggests the student demonstrates potential and/or ability above grade level standards. The student may require differentiated teaching strategies or curriculum to ensure academic growth.
- Gifted Learner: Evidence strongly suggests the student demonstrates exceptional potential and/or ability. The student is identified as a Gifted Learner and an Advanced Learning Plan will be developed to ensure academic growth and achievement.

**Step IV-Appeal Process**

A parent, student or teacher has the right to appeal the identification decision. To initiate an appeal process the appellant should contact the administrator overseeing Gifted Education at FFCHS and complete the necessary documentation.
In State Residency for Military

Active-duty members of the armed forces of the United States and Canada on permanent duty station in Colorado and their dependents are eligible for in-state status, regardless of domicile or length of residence in Colorado. The military member must have reported to a duty station in the State, as certified by their military command, by the first day of class of the applicable academic term.

- Unless the student meets the requirement for domicile in Colorado for one year as detailed above, this eligibility expires as of the first term that begins after retirement or loss of dependent status, except that if student is a Colorado high school graduate and the parent was on active duty in Colorado during the student’s senior year, then the student qualifies for in-state tuition.
- Military dependents continuously enrolled in a Colorado college continue to qualify for in-state tuition if the military member is transferred outside Colorado but not if the parent retires.
- Unless the student meets the requirement for domicile in Colorado for one year as detailed above, this eligibility expires as of the first term that begins after retirement or loss of dependent status.

Military members Domiciled in Colorado

To retain domicile during an absence from Colorado due to military orders, military personnel must maintain Colorado as their state of legal residence for tax purposes, and voters must maintain Colorado voter registration. Military personnel may retain legal residence in their original state, or they may establish a new legal residence in a state in which they reside due to military orders. They may not establish domicile in Colorado while residing elsewhere or while being physically present in the State only on a temporary basis. Persons domiciled in Colorado for one year who enter active duty military service, and who return permanently to Colorado within 6 months of discharge, and their dependents, qualify for in-state tuition regardless of changes of domicile while on active duty. For more information visit http://highered.colorado.gov/Finance/Residency/military.html region during the school year.
Literature & Composition I 01LC1s1/01LC1s2

Credit: 1.0  Course Length: Year  Prerequisite: None
Grade: 9  Grading Scale: Unweighted  Credit: Language Arts

Students will work on the communication areas of reading, writing, speaking, and listening. The 6+1 Trait® Writing will be used to focus on ideas, organization, word choice, voice, sentence fluency, conventions, and presentation in writing, which include spelling, punctuation, grammar, and usage. Students will complete a research project and give oral presentations. Literature studies will focus on short stories, poetry, novels, and drama.

Pre-AP Literature & Composition I 01LC1Hs1/01LC1Hs2

Credit: 1.0  Course Length: Year  Prerequisite: PSAT Proficient in Reading/Writing, A or B in regular L/C, or Teacher Recommendation
Grade: 9  Grading Scale: Weighted  Credit: Language Arts

Students will follow required specifications from the freshman curriculum while meeting necessary criteria for the Honors program. Students will work on the communication areas of reading, writing, speaking, and listening, while incorporating the 6+1 Trait® Writing, which will focus on ideas, organization, word choice, voice, sentence fluency, conventions and presentation. Students will study the history of the English language and analyze and synthesize various components of English syntax. Students will complete two research projects and give various oral presentations. World literature studies will focus on short stories, poetry, novels, and drama. Furthermore, students will be responsible for reading all selections on the summer reading list.

Literature & Composition II 01LC2s1/01LC2s2

Credit: 1.0  Course Length: Year  Prerequisite: L/C I
Grade: 10  Grading Scale: Unweighted  Credit: Language Arts

Students will read a variety of short stories, poetry, essays, novels, and a play. The selected literature will be used to encourage reflections, personal responses, critical thinking, and literary analysis. Grammar, usage and mechanics, vocabulary, and oral presentations will also be taught. The 6+1 Trait® Writing will be used to focus on ideas, organization, word choice, voice, sentence fluency, conventions, and presentation in writing. Students will also complete a research paper or project. Instruction will prepare students for the Colorado Student Assessment Program (PSAT/CMAS). Course Prerequisites: All students must pass Freshman Literature & Composition or transfer into FFCHS with a 9th grade English credit before enrolling in any other English course.
Pre-AP Literature & Composition II

Credit: 1.0  Course Length:  Year  Prerequisite:  PSAT Proficient in Reading/Writing, A or B in regular L/C, or Teacher Recommendation  Credit: Language Arts

Grade: 10  Grading Scale:  Weighted

Students will follow required specifications from the sophomore curriculum while meeting necessary criteria for the Honors program. Students will work on the communication areas of reading, writing, speaking, and listening, while incorporating the 6+1 Trait® Writing, which will focus on ideas, organization, word choice, voice, sentence fluency, conventions, and presentation. Students will study the history of the English language and analyze and synthesize various components of English syntax. Students will complete two research projects and give various oral presentations. Mythology, Science Fiction and Nonfiction will be presented as will short stories, poetry, novels, and Shakespearean drama. Furthermore, students will be responsible for reading all selections on the summer reading list.

Literature & Composition III

Credit: 1.0  Course Length:  Year  Prerequisite:  L/C II  Credit: Language Arts

Grade: 11  Grading Scale:  Unweighted

This is a required course for 11th graders. This course is a survey of our American heritage and traces the development of American literature from the Puritans to the present. A major emphasis will be on reading and analyzing American literature and its themes. Composition will be taught using the 6+1 Trait® Writing. Research will be completed and oral presentations will be given.

AP Language & Composition/CSU-P Eng Comp 101

Credit: 1.0  Course Length:  Year  Prerequisite:  18 on English ACT, Accuplacer, or Teacher Recommendation  Credit: Language Arts

Grade: 11  Grading Scale:  Weighted

This very intense course combines the national curriculum for AP Language and Composition with CSU-P English Composition 101. The primary goal of English 101 is to introduce students to the rhetorical techniques that provide the basis for academic writing. In this course, you will improve your ability to read and analyze arguments from a variety of genres, and you will better understand the four-way relationship among critical thinking, reading, writing, and audience. In this class, you will be expected to participate in a discourse which promotes active learning. You will gain the skills necessary to communicate with clarity, coherence, and persuasiveness, and demonstrate critical analysis, logic, precision, and rhetorical awareness in the English language. In addition, you will be expected to engage in the process of critical thinking. The class will also focus on rhetoric and composition while preparing the students for the AP exam in May. An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.

Literature & Composition IV

Credit: 1.0  Course Length:  Year  Prerequisite:  L/C III  Credit: Language Arts

Grade: 12  Grading Scale:  Unweighted

Students will concentrate on reading, writing, listening, and speaking skills. Emphasis will be focused on grammar, usage and mechanics, sentence structure, and composition. Students will read and analyze short stories and drama, with an emphasis on British Literature. Writing will be literature based and will focus on ideas, organization, word choice, voice, sentence fluency, conventions, and presentation (6+1 Trait® Writing).
Genre Study: Science Fiction

Credit: 0.5  Course Length: Semester  Prerequisite: None
Grade: 11-12  Grading Scale: Unweighted  Credit: Academic Elective

The course starts with research into the genre, discovering where it started, and how it has evolved over time. Then, students will read some early stories before moving into more modern stories/podcasts/film adaptions of written pieces. Students will realize how the genre mirrors society and social issues of the time period and even create their own piece of work that fits into the genre as a culminating project.

Genre Study: Horror

Credit: 0.5  Course Length: Semester  Prerequisite: None
Grade: 11-12  Grading Scale: Unweighted  Credit: Academic Elective

The course starts with research into the genre, discovering where it started and how it has evolved over time. Then, students will read some early stories before moving into more modern stories/podcasts/film adaptions of written pieces. Students will realize how the genre mirrors society and social issues of the time period and even create their own piece of work that fits into the genre as a culminating project.

AP Literature & Composition/CSU-P ENG 130

Credit: 1.0  Course Length: Year  Prerequisite: 18 on English ACT, Accuplacer, or Teacher Recommendation
Grade: 12  Grading Scale: Weighted  Credit: Language Arts

Taught in conjunction with CSU-Pueblo, English 101 in the fall and CSU-Pueblo English 130 in the Spring. This is a yearlong course in English Literature, providing a survey of the major literary periods and the significant works of important authors. Each semester, students will read novels, short fiction, peruse many critical essays, and experiment with technical poetry analysis. The course follows the Advanced Placement Course of Study in preparation for the spring Advanced Placement Testing Program. Students enrolling in this course are expected to take the AP examination in May. The course will also include reviews for college entrance examinations, a fully documented library research paper, and preparation for the college essay. Students may receive three College Credits for both ENG 101 and ENG 130 through CSU-Pueblo. An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.
Attention Freshmen:
Research shows that success in high school math courses and beyond requires a solid mastery of Algebra I. Students with marginal to average Algebra abilities are prone to struggle in future math courses. In order to ensure four years of successful high school math, many ninth grade students will be required to repeat Algebra I upon entering FFCHS. Ninth grade students who have exceptionally mastered Algebra I course concepts, demonstrated by a body of evidence and history of performance, may be recommended for Pre-AP Geometry. It should be noted that students taking Algebra in the 9th grade can still exhaust the FFCHS math curriculum, including Calculus, their senior year!

**Algebra I**

<table>
<thead>
<tr>
<th>Credit: 1.0</th>
<th>Course Length: Year</th>
<th>Prerequisite: None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade: 9-10</td>
<td>Grading Scale: Unweighted</td>
<td>Credit: Mathematics</td>
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This secondary level course will focus on the fundamental skills of Algebra. National, State, and District academic content standards will be addressed by covering properties of real numbers, linear equations, functions, linear inequalities, systems of equations and inequalities, exponents and exponential functions, quadratic equations and functions, polynomials and factoring, radicals. Problem solving, analysis, critical and visual thinking, mathematical and spatial reasoning, and real world application strategies will be emphasized.

Most 9th Grade Students will be required to take High School Algebra I. Students with exceptionally mastered Algebra Skills demonstrated by a body of evidence and history of performance may be considered for Pre AP Geometry. It is important note that students with marginal to average Algebra competence are prone to struggle in future math courses. Students taking Algebra in the 9th grade can still exhaust the FFCHS math curriculum by taking Calculus their senior year!

**Math Strategies I**

<table>
<thead>
<tr>
<th>Credit: 1.0</th>
<th>Course Length: Year</th>
<th>Prerequisite: Concurrent Enrollment in Algebra I and Teacher Recommendation</th>
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</thead>
<tbody>
<tr>
<td>Grade: 9-10</td>
<td>Grading Scale: Unweighted</td>
<td>Credit: Elective</td>
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</tbody>
</table>

This course is geared to support students in multiple areas in order to be successful in Algebra I. Math Strategies I works in conjunction with the student’s Algebra I course where half the time is devoted Algebra I content and the other half for individualized practice. The course will include, but is not limited to, class time for homework as assigned by Algebra I instructors, time tests on basic skills, writing to deepen understanding, organizational strategies, notebook checks, vocabulary strategies, and assessment review, completion, retakes, or revisions. Data and teacher recommendation determines placement in this class.

**Math Strategies I does NOT fulfill the math credit requirement!**

**Geometry**

<table>
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<th>Credit: 1.0</th>
<th>Course Length: Year</th>
<th>Prerequisite: Algebra I</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade: 10-11</td>
<td>Grading Scale: Unweighted</td>
<td>Credit: Mathematics</td>
</tr>
</tbody>
</table>

This course will focus on the three key aspects of Geometry—measuring, reasoning, and applying geometrical ideas, and solidify Algebra I skills. Students in this course will acquire and demonstrate proficiency in reasoning and proof, perpendicular and parallel lines, congruent triangles and properties of triangles, quadrilaterals, transformations, similarity, right triangles and trigonometry, quadratics, area of polygons and circles, surface area and volume of solids. Students will also demonstrate mastery of fundamental Algebra, and fundamental probability and statistics concepts. Problem solving, analysis, critical and visual thinking, mathematical and spatial reasoning, and real world application strategies will be emphasized.
Pre-AP Geometry 02GEOMHs1/02GEOMHs2

Credit: 1.0  Course Length: Year  Prerequisite: “A” in 8th grade Algebra or Pre-AP Algebra, Teacher Recommendation
Grade: 9-10  Grading Scale: Weighted  Credit: Mathematics

Students in this course will acquire and demonstrate a mastery of reasoning & proof, perpendicular & parallel lines, congruent triangles & properties of triangles, quadrilaterals, transformations, similarity, right triangles & trigonometry, surface area & volume of solids, and quadratics. Students will also demonstrate mastery of fundamental algebra & fundamental probability, and statistics concepts. Problem solving, analysis, critical & visual thinking, mathematical & spatial reasoning, and real world application strategies will be emphasized. This is an accelerated class in which concepts will be covered more in-depth than traditional Geometry. Successful completion of this course will prepare students to take pre-collegiate and collegiate-level math classes.

Accelerated Geometry 02GEOMACCL

Credit: 0.5  Course Length: Semester  Prerequisite: Teacher Approval
Grade: 9-10  Grading Scale: Unweighted  Credit: Mathematics

This course encompasses the fundamental concepts of geometry in a more rigorous manner than Pre-AP Geometry. It is designed to strengthen algebra skills while establishing a strong geometric background for the PSAT, SAT, and further pre-collegiate / collegiate-level mathematics courses. This course will focus on the three key aspects of Geometry—measuring, reasoning, and applying geometrical ideas, and solidify Algebra I skills. Students in this course will acquire and demonstrate proficiency in perpendicular and parallel lines, congruent triangles and properties of triangles, quadrilaterals, transformations, similarity, right triangles and trigonometry, circles, area of polygons and circles, surface area and volume of solids. Problem solving, analysis, critical and visual thinking, mathematical and spatial reasoning, and real world application strategies will be emphasized. This course is designed to be taken concurrently by sophomores in Pre-AP Algebra 2 or freshmen in Algebra 1.

Algebra II 02ALG2s1/02ALG2s2

Credit: 1.0  Course Length: Year  Prerequisite: Algebra I, Geometry*
Grade: 11-12  Grading Scale: Unweighted  Credit: Mathematics

National, State, and District academic content standards will be addressed by covering equations and inequalities; linear equations; systems of linear equations and inequalities; quadratic functions; polynomial and polynomial functions; powers, roots, and radicals; exponential and logarithmic functions, quadratic relations; and probability and statistics. Problem solving, analysis, critical and visual thinking, mathematical and spatial reasoning, and real-world application strategies will be emphasized. *Can be taken concurrently with Geometry with administrative approval.
Pre-AP Algebra II

Credit: 1.0  
Course Length: Year  
Prerequisite: “A” or “B” Geometry and Teacher Recommendation or Pre-AP Geometry  
Grade: 9-10  
Grading Scale: Weighted

This pre-collegiate course requires students to demonstrate mastery of fundamental algebra and geometry concepts. National, State, and District academic content standards will be addressed by covering equations & inequalities; linear equations; systems of linear equations & inequalities; quadratic functions; polynomials & polynomial functions; powers, roots, & radicals; exponential & logarithmic functions; rational equations & functions; quadratic relations; sequences & series; probability & statistics; and trigonometric concepts. Problem solving, analysis, critical & visual thinking, mathematical & spatial reasoning, and real world application strategies will be emphasized. This is an accelerated class in which concepts will be covered more in-depth than traditional Algebra II. Successful completion of this course may prepare students to take College Algebra/Algebra III or Pre-Calculus.

College Algebra

Credit: 1.0  
Course Length: Year  
Prerequisite: Algebra II or Pre-AP Algebra II  
Grade: 11-12  
Grading Scale: Weighted

This course is for students who passed Algebra II but need to master additional skills necessary for success in Pre-Calculus. Topics will include but not be limited to the following: further study of polynomials, quadratic equations, rational and radical expressions and exponents, logarithmic functions, graphing, trigonometry, conic sections, sequences and series, and applications. College Algebra is a rigorous mathematics course in which a mastery of Algebra I, Geometry, and Algebra II is necessary. National, State, and District academic content standards will be addressed by covering polynomial, rational, exponential and logarithmic functions, and analytic geometry.

Pre-Calculus

Credit: 1.0  
Course Length: Year  
Prerequisite: Alg. 2 or Pre-AP Alg. 2, or College Algebra  
Grade: 10-12  
Grading Scale: Weighted

Common Core standards will be addressed by covering polynomial, rational, exponential, logarithmic, and trigonometric functions. These functions will be explored and interpreted both algebraically and graphically. Other topics will include regression, inverse functions, complex numbers, and limits.

AP Calculus I (AB)

Credit: 1.0  
Course Length: Year  
Prerequisite: Pre-Calculus  
Grade: 11-12  
Grading Scale: Weighted

This course addresses all the topics normally covered in an Advanced Placement Level Calculus program. The class begins with a thorough review of mathematical concepts and skills required for Calculus. Specific topics emphasized include derivatives, differentials, and integrals of standard and trigonometric functions, limits graphing techniques, and important Calculus proofs and theorems. Also, numerous applications to physics, chemistry, engineering, and business are interwoven throughout the lessons and problems sets. This course consists of the study of the derivative and the integral as applied to polynomial, rational, irrational, trigonometric, logarithmic and exponential functions in one variable. At the completion of this course, students will take the AP exam. A complete topics list and course description can be found by clicking here. An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. Students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.
AP Calculus II (BC)

Credit: 1.0  Course Length: Year  Prerequisite: AP Calculus I (AB)
Grade: 11-12  Grading Scale: Weighted  Credit: Mathematics

AP Calculus BC is a second course in a single-variable calculus that would be equivalent to a second semester calculus course at most colleges and universities. This course will provide a deeper understanding of the concepts of limit, continuity, derivatives, and integrals which were covered in AP Calculus AB. The major new topics covered in AP Calculus BC are parametric, polar, and vector functions; slope fields; Euler’s method; L’Hopital’s Rule; improper integrals; logistic differentiable equations; Polynomial Approximations and series; and Taylor series. An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.

Math Survey and Trigonometry

Credit: 0.5  Course Length: Semester  Prerequisite: Algebra II or College Alg. or AP Calc. I (AB)
Grade: 12  Grading Scale: Unweighted  Credit: Mathematics

This course is for students needing additional focus on math skills required for college math offerings. Students in this class will review the following topics: arithmetic, elementary algebra, personal financial literacy and, college level topics, all of which will include application questions. This course is designed for two reasons. First, students will be proficient in Personal Financial Literacy topics to make improved decisions about their finances. And second, students will be proficient in topics that will addressed on placement exams like Accuplacer and the ASVAB. Upon successful completion of the course, students will have the knowledge necessary to earn a score that will place them in a college level mathematics course their first semester.

Personal Finance

Credit: 0.5  Course Length: Semester  Prerequisite: Algebra II or College Alg. or AP Calc. I (AB)
Grade: 12  Grading Scale: Unweighted  Credit: Mathematics

This course introduces students to a variety of different financial issues that they may face in their real life. Topics will include the following: understand the importance of personal financial goal setting and responsibility, and apply those concepts in a consumer-driven, global marketplace; create and manage a financial plan for short-term and long-term financial security to make informed spending and saving decisions that are compatible with changing personal goals; and analyze and apply appropriate and cost effect risk management strategies as it pertains to insurance and warranties.
Introductory Statistics is a course covering statistic topics at an understandable level. This introductory course assumes no prior knowledge of statistics but does assume some knowledge of high school algebra. Basic statistical concepts and methods are presented in a manner that emphasizes understanding the principles of data collection and analysis rather than theory. Topics covered will include, but not limited to, the following: organizing data, averages and variation, elementary probability, binomial probability distribution, normal distributions, and sampling distributions.

AP Statistics

This course will cover aspects of probability and introductory statistics that will be tested in an AP format. It is a rigorous course and will be advantageous to those students who will have to take a statistics course in college to complete their degree. For example, most business and science majors need to take a statistics course. For a complete description of AP Statistics, please click here. Students will also take the AP exam in May.

An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.
**Biology**

Credit: 1.0  
Course Length: Year  
Grade: 9-12  
Grading Scale: Unweighted  
Prerequisite: none  
Credit: Science

Is a lab-based science course and will serve as an overview of the entire field of biology with a study of basic life properties, the structure and function of the cell, DNA, genetics, evolution, and ecology.

**Pre-AP Biology**

Credit: 1.0  
Course Length: Year  
Grade: 9-12  
Grading Scale: Weighted  
Prerequisite: Algebra/Grade level reading proficient  
Credit: Science

This is a lab-based science course and will serve as an overview of the entire field of biology with an in-depth study of basic life properties, the structure and function of the cell, and genetics. This is an accelerated college prep class that will cover material more in-depth, involving more research and labs than the traditional biology course, and must meet all of the honors criteria requirements. Mastery of vocabulary is required. Homework load approx. 30 minutes per night.

**AP Biology/CSU-Pueblo Biology**

Credit: 1.0  
Course Length: Year  
Grade: 11-12  
Grading Scale: Weighted  
Prerequisite: “C” in Biology and Chemistry  
Credit: Science

The AP Biology is a lab-based science course designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. After successful completion of the AP exam (a score of 3, 4, or 5), some students, in their first year of college, are permitted to take upper-level courses in biology or register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory-science course and will be able to undertake other courses to pursue their majors. AP Biology includes those topics regularly covered in a college biology course for majors. The college course in biology differs significantly from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the type of laboratory work done by students, and the significant time and effort required of students. The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry as well. Students are eligible to receive 4 college credits through Colorado State University Pueblo upon satisfactory completion of the course. Major Units of Study include: Ecology, DNA, Biochemistry, Evolution, Cell Structure, Function, and Division, Body Systems, Genetics and Biotechnology. An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. Students in AP classes are required to take the course AP exam. Additional fees may be assessed if the course is dropped after October 1st.

**Chemistry I**

Credit: 1.0  
Course Length: Year  
Grade: 10-12  
Grading Scale: Unweighted  
Prerequisite: Algebra I  
Credit: Science

This is a lab-based science course and involves the study of the nature of chemicals, measurements, chemical reactions, chemical equations, acids & bases, and related lab activities. The course will involve algebra and abstract thinking.
Pre-AP Chemistry

Credit: 1.0  Course Length: Year  Prerequisite: Pre-AP Biology or Teacher Recommendation
Grade: 10-12  Grading Scale: Weighted  Credit: Science

Pre-AP Chemistry is a lab-based science course and will be taught to those students who have taken Pre-AP Biology. Students will be taught same objectives as Chemistry I with more activities as well as more “in-depth” coverage of chemistry concepts.

AP Chemistry I (CU-Denver General Chem I/II +labs) 03APCHEM

Credit: 1.0  Course Length: Year  Prerequisite: “C” or better in Algebra II
Grade: 10-12  Grading Scale: Weighted  Credit: Science, 9 College Credits

AP Chemistry is a problem-solving and lab-oriented class that meets the objectives of a college level general chemistry course. This course expands and amplifies concepts learned in high school chemistry and covers additional advanced topics and topics relevant to our technological society. Topics covered include structure of matter, states of matter, reactions, descriptive chemistry, and laboratory exploration. All students are expected to take the AP exam for the purpose of earning college credit. There is a fee for the exam and all AP students are expected to take this exam in May. This is a standardized college test taken for the purpose of earning college credit and/or sophomore standing in chemistry in many colleges. A total of 9 (General Chem I +lab=4, General Chem II + lab=5) college credits through Colorado University may be awarded after successful completion of the course. An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. Students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.

Physics

Credit: 1.0  Course Length: Year  Prerequisite: “C” or higher in Algebra II
Grade: 11-12  Grading Scale: Unweighted  Credit: Science

This is a lab-based science course that involves the study of energy and its effects on matter. Areas of interest are motion, forces, vectors, momentum, and more. Topics include the following: scientific method, mechanics, heat, waves, electricity, magnetism, and application of physical principles. This course requires background in algebra and trigonometry.

AP Physics C: Mechanics 03APPCM

Credit: 1.0  Course Length: Year  Prerequisite: “C” or higher in Pre-Calculus and Physics
Grade: 11-12  Grading Scale: Weighted  Credit: Science

Explore concepts such as kinematics; Newton’s laws of motion, work, energy, and power; systems of particles and linear momentum; rotation; oscillations; and gravitation. Students will utilize hands-on laboratory work and in-class activities to investigate phenomena and use calculus to solve problems.

An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.
AP Physics C: Electricity and Magnetism

Credit: 1.0  Course Length:  Year  Prerequisite:
Grade: 11-12  Grading Scale:  Weighted  Credit:  Science

Explore concepts such as electrostatics, conductors, capacitors and dielectrics, electric circuits, magnetic fields, and electromagnetism. Students will utilize hands-on laboratory work and in-class activities to investigate phenomena and use calculus to solve problems. An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.

Ecology/Zoology

Credit: 0.5  Course Length:  Semester  Prerequisite: Biology or Pre-AP Biology
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Science

Ecology/Zoology I is a lab-based course and incorporates ideas from disciplines within biology, chemistry and even physics. Ecology (from Greek: οίκος, oikos, "household"; and λόγος, logos, "knowledge") is the primary focus of this semester and is the scientific study of the distribution and abundance of living organisms and the interactions among those organisms and between organisms and their environment. The environment, within which organisms live, will be studied on a variety of scales and by examining physical (abiotic) as well as living (biotic) factors. Species adaptation and evolution will be emphasized. Students will be required to keep an organized notebook and be willing work outside on an intermittent basis.

Ecology/Zoology II

Credit: 0.5  Course Length:  Semester  Prerequisite: Biology or Pre-AP Biology or Ecology/Zoology I
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Science

Ecology/Zoology II is a lab-based science course and will cover the major phyla of Kingdom Animalia. In this semester, we will study each major animal phylum, including its classification, ecology, environmental issues, behaviors, evolutionary relationships, anatomy, and physiology. This portion of the course places a strong emphasis on comparative anatomy and dissection of preserved organisms. Students will be required to keep an organized notebook, to be able to use sharp tools and technological advanced lab equipment responsibly and safely and to perform animal dissections.

Environmental Science

Credit: 1.0  Course Length:  Year  Prerequisite: “C” or better in Biology or Honors Biology
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Science

Environmental Science is a lab-based science course. Students will identify and evaluate global, economic, political and historical forces and how human interactions have shaped ecosystems, the environment and society. Specific topics to be covered are air resources and pollution, water resources and pollution, human populations, land use and management. Students will apply the scientific method to identify and evaluate global, economic, political and historical forces and how human interactions have shaped ecosystems, the environment and society. The course will cover a wide range of science topics: geology, biology, environmental science, chemistry, and geography. Through completion of this course, students should have an understanding of the interrelatedness of Earth’s ecosystems, human impact on the environment, environmental problems and prevention of future environmental problems.
AP Environmental Science

Credit: 1.0  Course Length:  Year  Prerequisite: Successful completion of Algebra I, Biology or enrollment in Pre AP Biology, Chemistry is preferred
Grade: 9-12  Grading Scale: Weighted  Credit:  Science

AP Environmental Science is a lab-based science course and outlined in this framework reflects learning that analyzes environmental concepts and processes to achieve understanding in order to propose and justify solutions to environmental problems, to include labs. The course teaches students how to apply science to the solutions of important social problems. It also provides opportunities to practice applying scientific methods to practical, real-life problems. The AP Environmental Science course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course helps students identify and analyze natural and human-induced environmental problems. It enables them to learn how to assess the risks associated with these problems and evaluate alternative solutions for resolving and preventing them. To accomplish this goal, the AP Environmental Science Course and exam description defines concepts, skills, and understandings required by representative colleges and universities for granting college credit and placement. An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.

Agricultural Science and Technology I

Credit: 0.5  Course Length:  Semester  Prerequisite:  Biology or Pre-AP Biology
Grade: 9-12  Grading Scale: Unweighted  Credit:  Practical Art or Science

Agricultural Science and Technology I is a lab-based science course that allows you to explore agriculture and natural resources through science. By the end of this class, students will be able to maintain records, show work in an organized notebook and create a project display. Students will gain appreciation of raising plants in the school greenhouse. Students will develop, record and maintain plant experiments and have the opportunity to test and/or produce genetically engineered/hybridized crops and organic foods. Students will be able to discuss and make educated decisions about food production/consumption and greenhouse safety. Students may need to provide some additional inputs such as seeds, work gloves, soil and individual project related supplies.

Agricultural Science and Technology II

Credit: 0.5  Course Length:  Semester  Prerequisite:  Agricultural Science I
Grade: 9-12  Grading Scale: Unweighted  Credit:  Practical Art or Science

Agricultural Science II is a lab-based science course that prepares students for biological and agricultural fields. Students will engage in animal and plant production as it relates to an entrepreneurship. The focus of the course work will be agricultural breeds and breeding, animal structure and function, and wildlife/agricultural conservation. Students will have the opportunity to gain real world experience by developing, documenting and performing a comprehensive SAE (Supervised Agricultural Experience) project on an agricultural topic of their choice. Students will document the experience, share with the class and maintain work/records in an organized notebook. Students will show willingness to work regularly in the school greenhouse and perform a plant propagation experiment. Students may also need to provide some additional inputs such as seeds, work gloves, soil and individual project related supplies.
Plant Science/ Horticulture

Credit: 0.5  Course Length:  Semester  Prerequisite: “C” or better in Ag Science I or II
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Science

Plant Science/Horticulture is a lab-based science course that covers a broad and diverse field involved with producing and utilizing a multitude of specialized plants. Horticulturists provide the fiber, flowers, herbs, fruits and vegetables so important to good nutrition and environmental health. Horticulturists work to improve the natural environment, through both beautification and conservation efforts. Plants are used to enhance aesthetics and functionality within and around the home, workplace, and natural areas. Students will perform experiments and course study on pest management, floriculture, pomology, floriculture and plant propagation. Students will organize plant sales and perform regular greenhouse management.

Requirements: Students must pay the FFA membership dues ($20.00). FFA Jacket ($50.00) is required at out of school events. Students are required to attend the after school official meeting, which takes place the first Monday of each month. Students must work twice weekly after school in the school greenhouse, participate in fundraising and community service activities, and invest time and money into an SAE (Supervised Agricultural Experience) project. The SAE is to be 15 documented hours per semester. Students are to choose a placement, entrepreneurship or research /experiment to meet this requirement. (See ffa.org - supervised agricultural experience for more information.)

Human Anatomy and Physiology

Credit: 1.0  Course Length:  Year  Prerequisite: Grade of “C” or higher in Biology
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Science

This lab-based science course will involve the study of structure and function of the human body systems: skeletal, muscular, digestion, circulation, integumentary, excretion, endocrine, nervous, reproductive, and respiration. Participation in various organ dissections is a requirement.

Biomedical Science- Principles of Biomedical Sciences

Credit: 1.0  Course Length:  Year  Prerequisite: Must be taken concurrently with Biology, Teacher Recommendation
Grade: 9-10  Grading Scale:  Unweighted  Credit:  Academic Elective, Science

In this lab-based science course students will investigate various health conditions including heart disease, diabetes, sickle-cell disease, Hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person and investigate lifestyle choices and medical treatments that might have prolonged the person’s life. The activities and projects introduce students to human physiology, medicine, and research processes. This course provides an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses. This must be the first course taken in the Biomedical Pathway.
Biomedical Science- Human Body Systems  
03HBS

Credit: 1.0 Course Length: Year  Prerequisite: Principles of Biomedical Sciences (PBS)  
Grade: 10-12 Grading Scale: Weighted Credit: Academic Elective, Science  

In this lab-based science course students will examine the interaction of body systems as they explore 
identity, communication, power, movement, protection, and homeostasis. Students design experiments, 
investigate the structures and functions of the human body. Students use data acquisition software to 
monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring 
science in action, student build organs and tissues on a skeletal manikin, work through interesting real world 
cases and often play the role of biomedical professionals to solve medical mysteries. This must be the second 
course in the Biomedical Pathway.

Biomedical Science- Medical Intervention (MI)  
03MEDI

Credit: 1.0 Course Length: Year  Prerequisite: PBS, Human Body Systems (HBS)  
Grade: 11-12 Grading Scale: Weighted Credit: Academic Elective, Science  

In this lab-based science course students will investigate a variety of interventions involved in the 
prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. The course is a 
"How-To" manual for maintaining overall health and homeostasis in the body. Students explore how to 
prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose and treat cancer; 
and prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to a 
range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and 
diagnostics. This must be the third course taken in the Biomedical Pathway.

Biomedical Science- Biomedical Innovation  
03BI

Credit: 1.0 Course Length: Year  Prerequisite: Bio, Chem, Anatomy & Phys, PBS,HBS,MI  
Grade: 12 Grading Scale: Weighted Credit: Academic Elective, Science  

In this lab-based science course students aim to develop a pathway into health careers for the 21st century. 
They work through progressively challenging open-ended problems addressing topics such as emergency 
treatment, project management, manner of death, and public health. They achieve certification in 
CPR/AED/First Aid, and practice job-skills such as basic suturing, statistical analysis, and public speaking. 
The course is designed for 12th grade students only and must be taken as the fourth course in the 
Biomedical Pathway.

Geophysics and Astronomy  
03GAA

Credit: 1.0 Course Length: Year  Prerequisite: None  
Grade: 10-11 Grading Scale: Unweighted Credit: Science  

This lab-based science class is a one year course that explores the foundations of Earth Science in the 
following related topics/fields: Earth's place in the universe, dynamic Earth processes, Energy in the Earth 
system, biochemical cycles, structure and composition of the atmosphere, and Colorado geology. The course 
covers scientific terminology, historical and cultural advances in science, vocabulary building, test taking 
strategies, and several simulated labs, hands-on labs, essays, and science projects using the scientific method.
Athletic Training

Credit: 1.0  Course Length: Year  Prerequisite: Minimum of “C” in Human Anatomy & Physiology
Grade: 11-12  Grading Scale: Unweighted  Credit: Science Elective

This lab-based science course will provide an introduction to athletic training techniques including injury recognition, injury rehabilitation, taping and wrapping, and the use of therapeutic modalities. Students will be required to devote ten (10) hours for observation in the training room during the applicable sports seasons. Students must possess adequate knowledge in anatomy/physiology prior to acceptance into the course.
Global Studies

Credit: 1.0 (.5 each)  Course Length:  Year  Prerequisite:  None  Grade: 9  Grading Scale:  Unweighted  Credit:  Social Studies

Throughout this year students will be using the studies of economics, geography, and civics to study global culture and events. This course is designed to provide a broad overview of the major regions of the world with emphasis on the increasing interconnectedness of people and places due to the influence of globalization on the world trade, travel communication, culture, and the natural environment. The student will also be given a brief overview of the study of federal, state, and local branches of our government. Students will be introduced to the following skills: individual responsibilities, participation and citizenship within our current system of government and around the world. Students will develop an understanding of global issues and trends including current political, social and economic events.

AP Human Geography

Credit: 1.0  Course Length:  Year  Prerequisite:  8th grade teacher Recommendation, PSAT-Advanced in Reading and/or Writing  Grade: 9  Grading Scale:  Weighted  Credit:  Social Studies

AP Human Geography presents high school students with the curriculum equivalent of an introductory college-level course in human geography or cultural geography. Content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction. Specific topics with which students engage include the following:

- Problems of economic development and cultural change
- Consequences of population growth, changing fertility rates, and international migration
- Impacts of technology innovation on transportation, communication, industrialization, and other aspects of human life. . . struggles over political power and control of territory
- Conflicts over the demands of ethnic minorities, the role of women in society, and the inequalities between developed and developing countries
- Explanations of why location matters to agricultural land use, industrial development, and urban problems
- The role of climate change and environmental abuses in shaping the human landscapes on Earth

An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.
Modern World History

Credit: 1.0  Course Length:  Year  Prerequisite:  Global Studies
Grade: 10  Grading Scale:  Unweighted  Credit:  Social Studies

The Early Modern World (1400-1914)
This course will be an examination of selected social, political, ideological, and scientific upheavals from the 15th century to the early 21st century. First semester topics will include the following: The Renaissance and Reformation; Age of Exploration; Absolutism in Europe; Revolution and Enlightenment, French Revolution, Industrialization and Nationalism; Mass Society and Democracy. The second semester will continue with the movement towards global civilization with topics including Imperialism, World War and Revolution; Between the Wars; Nationalism and World imperialism; and World War II, the Cold War, the Contemporary Western World, and various world cultures from 1945 to present. Emphasis will be placed on the current events that relate to these historical world events.

AP World History

Credit: 1.0  Course Length:  Year  Prerequisite:  PSAT-Advanced in Reading and/or Writing, Teacher Recommendation
Grade: 10  Grading Scale:  Weighted  Credit:  Social Studies

The AP World History course is built on six chronological periods from 8000 BC to the present. Students study these time periods through related key concepts and course themes, while developing critical-thinking skills. This allows students more time to explore broad trends and global processes. The class is similar to a college freshman-level course. The course is two semesters, culminating in the national College Board exam in early May. An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.

United States History

Credit: 1.0  Course Length:  Year  Prerequisite:  World History or AP World History
Grade: 11-12  Grading Scale:  Unweighted  Credit:  Social Studies

This course will explore the history of the United States from the European settlement through the modern time. The course will survey various topics, including the Reconstruction period; technological advances in an expanding America; the development of the American West; America’s development as a world power; Imperialism and the Spanish-American War. The course will continue into the 20th century with America's involvement in World War I, the 1920’s, Great Depression, World War II, the Cold War, the Korean Conflict, the Civil Rights Movement, the tumultuous Sixties, the turbulent Seventies, America’s role as a world power, and America’s Role in 21st Century.
CSU-Pueblo US History 201 04CS201

Credit: 0.5  Course Length:  Semester  Prerequisite: World and US History, Instructor Approval
Grade: 11-12  Grading Scale: Weighted  Credit: Social Studies

This course is an advanced US History I course. This dual credit course will cover Pre-Columbian America through the Civil War and Reconstruction. Emphasis will be placed on the major events that shaped our history. The course will include a study of the following periods and events: Pre-Columbian history, European explorations, the founding of the 13 American Colonies, the movement toward Independence, the American Revolution, the founding of our democratic system, the Federalist Era, the Jeffersonian Republic, the Industrial Revolution, Jacksonian Democracy, American reform movements, the period of Manifest Destiny & American expansion, slavery & sectionalism, and the Civil War. Students will receive 3 college credits through CSU-Pueblo for successful completion of the class with a “C” or better. Students who earn lower than a “C” will be required to pay for the class based on CSU-P Concurrent Enrollment tuition costs. This course is a semester long. Students must be enrolled in another Social Studies class the other half of the year. CSU-Pueblo US History 202 is highly recommended.

CSU-Pueblo US History 202 04CS202

Credit: 0.5  Course Length:  Semester  Prerequisite: CSU-Pueblo US History 201
Grade: 11-12  Grading Scale: Weighted  Credit: Social Studies

This course is an advanced US History II course. This dual credit course will cover the history of the United States from Reconstruction to modern times. Emphasis will be placed on the major events that shaped our history. The course will include a study of the following periods and events: The Civil War, Reconstruction, Westward Expansion, the rise of Industrial America, American Expansion & Imperialism, the World Wars, the Roaring Twenties, the Great Depression & the New Deal, the Cold War, the 1960’s & 1970’s, and modern America. Students will receive 3 college credits through CSU-Pueblo for successful completion of the class with a “C” or better. Students who earn lower than a “C” will be required to pay for the class based on CSU-P Concurrent Enrollment tuition costs. This course is a semester long.

CSU-Pueblo American History/Hollywood 04AHH

Credit: 0.5  Course Length:  Semester  Prerequisite: World and US History
Grade: 11-12  Grading Scale: Weighted  Credit: Social Studies

This CSU-Pueblo Senior-to-Sophomore course is designed to explore the relationship between the film industry and history. We will be exploring this relationship through a variety of film making methods: documentaries, biopics, made for TV or school movies, and feature films. As a relatively new field of study for many historians, feature films give us a unique perspective, especially in today’s digital and media infused world. In the class, we will explore various ideas such as the historical accuracy of the film, the message the film represents, how the film, while historical in topic, may tell us more about the period it was made than the one it represents (i.e. Bonnie and Clyde may tell us more about the 60s than it does about Depression Era America). And, ultimately, what is the historical value of the film to our understanding of history even if it is not historically accurate. Students will receive 3 college credits through CSU-Pueblo for successful completion of the class with a “C” or better. Students who earn lower than a “C” will be required to pay for the class based on CSU-P Concurrent Enrollment tuition costs.
Modern History of Warfare

Credit: 0.5  Course Length: Semester  Prerequisite: World History and US History
Grade: 12  Grading Scale: Unweighted  Credit: Social Studies

This course is a survey of the history of modern warfare and the interactions between society and military institutions, evolving technologies, and strategies from World War One to the present. The course will also emphasize shifting dynamics of great power warfare to asymmetrical tradecraft through the 20th and 21st centuries. Conversely, political and societal influences on warfare will also be investigated through historical contexts.

Psychology

Credit: 0.5  Course Length: Semester  Prerequisite: None
Grade: 11-12  Grading Scale: Unweighted  Credit: Social Studies

This course will provide an introduction to the study of psychology. Students will seek to unravel the mysteries surrounding human behavior. Students will learn about some of the prominent theorists in psychology and apply their theories to a wide range of human behaviors and experiences. Students will explore the historical underpinnings of the discipline and examine the topics of consciousness, motivation and emotion, learning, memory, psychological disorders, and the social factors influencing behavior.

AP Psychology

Credit: 1.0  Course Length: Year  Prerequisite: Teacher recommendation
Grade: 11-12  Grading Scale: Weighted  Credit: Social Studies

This course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologist and studies that have shaped the field, students explore and apply psychological theories and key concepts associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use their scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.

Sociology

Credit: 0.5  Course Length: Semester  Prerequisite: None
Grade: 11-12  Grading Scale: Unweighted  Credit: Social Studies

Sociology is a course dedicated to the exploration and analysis of sociology as a social science. Students will develop an understanding of sociology and why it is an important science in today's society and culture. Students will come away with an understanding of culture, socialization, social structure, groups and the role of deviance in society.
American Government

Credit: 0.5  Course Length: Semester  Prerequisite: United States History, taken with Economics
Grade: 12  Grading Scale: Unweighted  Credit: Social Studies

This course is a study of federal, state, and political culture of our government, with an emphasis on the individual’s responsibilities and participation. The student will develop an understanding of global issues and trends including current political, social, and economic events. Important survival skills necessary to function in society today will be presented, along with senior necessities for graduation. This course meets the State of Colorado civics core requirements.

Economics

Credit: 0.5  Course Length: Semester  Prerequisite: United States History, taken with American Government
Grade: 12  Grading Scale: Unweighted  Credit: Social Studies

This course covers macro and micro economic essentials. The class is designed to encourage students to think critically about their money and their decision-making abilities by utilizing the 7 principles of economics: scarcity, incentives, logical decision-making, opportunity cost, trade, future consequences, and cost/benefit analysis. A large portion of the class is devoted to exploring the reasons why individuals, businesses, and governments make decisions. Additionally, the course will integrate these concepts in to understanding taxes, insurance, financial systems, saving, credit, and investing on a larger scale. The course is rigorous and has a large focus on projects, critical analysis and presentation ability by integrating real-world situations, data, and problems that students must apply to their course work. This course will satisfy a critical need in the social studies curriculum when it comes to providing students the ability and skills they need to be successful and effective citizens.

AP American Government

Credit: 1.0  Course Length: Year  Prerequisite: CSU-Pueblo United States History 201/202
Grade: 12  Grading Scale: Weighted  Credit: Social Studies

AP Government and Politics provides year long, college level, non-partisan introduction to the ideals, foundations, development, processes, and culture of American government. In this course, students will cover topics as far ranging as the development of the Constitution, the interpretation of the Constitution by both the people and the courts, and how the Constitution affects our daily lives. This course will entail studying founding documents, arguments in favor of and against ratification of the Constitution, Supreme Court opinions, and other texts. We will also study how the people interact with their government and how different levels of government and bureaucratic institutions interact with each other and with the people. This class will also provide students with the political knowledge and reasoning processes to participate meaningfully and thoughtfully in discussions and debates that are currently shaping American politics and society. It is important to note that this course is not a history course; it is a political science course that studies the interconnectedness of the different parts of the American political system and the behaviors and attitudes that shape this systems and are the byproduct of this system.

An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.
In History 136, we will examine the cultural and historical development of the American Southwest from its early Native American beginnings to its modern United States history. Emphasis will be placed on the various cultures that shaped the region. The course will include a study of the following periods:

- Native American Influence and Heritage
- Spanish Influence and Heritage
- Mexican Influence and Heritage
- Anglo-American Influence and Heritage
- Modern Problems of the Southwest

Traditionally, a trip is taken through the American Southwest in the late spring. There is potentially a cost to students for the trip, but that cost is determined after fundraising opportunities. Students will receive 3 college credits through CSU-Pueblo for successful completion of the class with a “C” or better. Students who earn lower than a “C” will be required to pay for the class based on CSU-P Concurrent Enrollment tuition costs.
FINE ARTS

VISUAL ARTS

Digital Media A & B 06DIG

Credit: 1.0  Course Length: Year  Prerequisite: None
Grade: 9-11  Grading Scale: Unweighted  Credit: Fine Art

In Digital Media, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology (IT) environment.

Graphic Design 1 06GRAPH

Credit: 1.0  Course Length: Year  Prerequisite: Digital Media A & B
Grade: 10-12  Grading Scale: Unweighted  Credit: Fine Art

This entry level course provides training in the visual communication portion of all media businesses. Students learn about a career within the vast media and graphic design and illustration jobs. Digital photography and working towards the intermediate level use of image editing and drawing programs are strongly focused upon in this class. This course is helpful for any future photographer, videographer, animator or advertiser. Students will begin developing a high quality portfolio for college or design school.

Graphic Design 2-Yearbook 06GRAPH2

Credit: 1.0  Course Length: Year  Prerequisite: Graphic Design 1, Teacher Recommendation
Grade: 10-12  Grading Scale: Unweighted  Credit: Fine Art

Graphic Design Two builds on skills learned in Graphic Design One. During this class, students will explore a variety of new techniques. Students will learn about real world applications and careers in the field. Some of the projects students will create include cartooning, product design, and magazine layouts.

Practicum in Graphic Arts-Yearbook Editor 06PRGA

Credit: 1.0  Course Length: Year  Prerequisite: Teacher Recommendation
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art

This course is recommended for students who have completed Graphic Design 1 & 2. This course is meant to serve students interested in further development of a professional portfolio in addition to further development of skills and technical knowledge. Students will be expected to further develop knowledge and awareness of the industry of graphic design and illustration. Instruction may be delivered through lab-based classroom experiences and/or career preparation opportunities.
Drawing I

Credit: 0.5  Course Length: Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art

Students will learn new drawing techniques so that they can create works that are personal and unique. They will use a wide variety of media including pencil, pastels, colored pencils, and charcoal. Many projects begin by looking at famous artwork and using ideas to create a personal response. Students will learn to draw subjects that include animals, landscapes, buildings and people.

Drawing II

Credit: 0.5  Course Length: Semester  Prerequisite: “C” or higher Drawing I or Approved Portfolio
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art

This course will develop strong drawing skills and challenge students to create works that are personal and imaginative. Basic drawing skills are necessary. Students will continue to work in a variety of high quality media and draw many subjects. Choices are given for each assignment; artwork requires planning sketches and refining good ideas to make them great. Many artworks will be entered in student art shows and exhibitions.

Drawing Studio

Credit: 0.5  Course Length: Semester  Prerequisite: “B” or higher Drawing II or Approved
Grade: 10-12  Grading Scale: Unweighted  Credit: Fine Art

Students develop interesting, personal responses through sketching, research and creative ideas. Many projects are student driven. Students work with high quality art supplies and papers to create original drawings that may be entered in shows and exhibitions. Work includes figure drawing, landscape and fantasy drawings. Students may enroll in this course repeatedly for credit.

Painting I

Credit: 0.5  Course Length: Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art

Painting and Mixed Media-I will introduce and explore acrylics, water color, and mixed media methods. During this class, students will be introduced to color mixing and a variety of painting techniques to gain confidence and have fun with painting. Students will be encouraged to select their own topics and subject matter to customize assignments to personal art style. A variety of exciting painters will be looked at to inspire abstract, landscape and mixed media work.

Painting II

Credit: 0.5  Course Length: Semester  Prerequisite: “B” or higher in Painting I or Approved Portfolio
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art

This class builds on painting skills learned in Painting and Mixed Media I. During this class, students will explore a variety of new techniques and focus on 20th and 21st century painting as inspiration. Students will be encouraged to think outside the box with their painting, coming up with their own original ideas, and topics under the guidance of the instructor. This class will continue to explore acrylic, watercolor and mixed media methods.
Painting Studio

Credit: 0.5  Course Length:  Semester  Prerequisite: “B” or higher in Painting I & Painting II
Grade: 10-12  Grading Scale: Unweighted  Credit: Fine Art

Students in this course will begin to explore using oil paint and will stretch their own canvas. Students will create portraits in oil paint, and work on developing their artistic style and direction for their work. Students will be expected to create original works of art, selecting their mediums and substrates for several works. This course is for students who have a serious interest in painting and wish to develop their own body of work. Students may enroll in this course repeatedly for credit.

Ceramics I

Credit: 0.5  Course Length:  Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art

This course explores a variety of pottery and sculptural techniques in this fun, hands-on studio course. Learn the art making process, where students research, plan, create, and critique their work.

Ceramics II

Credit: 0.5  Course Length:  Semester  Prerequisite: “C” or higher in Ceramics I or Approved Portfolio
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art

Students who enjoyed Ceramics I are encouraged to continue their artistic journey in Ceramics II. Instruction will focus on advanced pottery and sculptural techniques leading to more complex and rewarding works. An emphasis will be placed on exhibition quality work.

Ceramics Studio

Credit: 0.5  Course Length:  Semester  Prerequisite: “C’ or higher in Ceramics II & Approved Portfolio
Grade: 10-12  Grading Scale: Unweighted  Credit: Fine Art

Students will go deeper into their skills for clay. Students passionate about ceramics will enjoy the challenges and rewards of Ceramics Studio. Advanced Ceramics emphasizes greater self-expression within a curriculum of creating a portfolio. Explore creativity at a whole new level and find your unique style. Students may enroll in this course repeatedly for credit.

Sculpture I

Credit: 0.5  Course Length:  Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art

This is an art course focusing on three dimensional media. A variety of three dimensional media will be explored including, but not limited to, clay, plaster, paper, cardboard, wire, and found objects.
Sculpture II

Credit: 0.5  Course Length:  Semester  Prerequisite: “C” or higher in Sculpture I or Approved Portfolio
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Fine Art

This is the second art course in the two course sculpture sequence focusing on three dimensional media. A variety of three dimensional media will be explored including, but not limited to, clay, plaster, paper, cardboard, wire, and found objects. Students who enjoyed Sculpture I can continue their artistic journey to Sculpture II. Instruction will focus on more advanced sculptural techniques that lead to more complex and rewarding works.

Sculpture Studio

Credit: 0.5  Course Length:  Semester  Prerequisite: “C” or higher in Sculpture II or Approved Portfolio
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Fine Art

Students passionate about sculpture and long to grow as a sculptor then this class is for you! Studio emphasizes greater self-expression within a more challenging and rewarding curriculum of creating a portfolio. Students may enroll in this course repeatedly for credit.

Photography I

Credit: 0.5  Course Length:  Semester  Prerequisite: None
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Fine Art

This course teaches students to use photography as a means to visually communicate with an audience and learn how to problem solve, both creatively as well as technically. Students will focus on compositional arrangement, personal aesthetics, art criticism, and the creative process, so that they may move from only taking snapshots to making photographs! They will use digital cameras to capture their imagery and Adobe Photoshop to refine their compositions. As students learn to construct a visually interesting photograph infused with their personal voice, they are encouraged to continue their journey in Photography II in the same year to grow their skill and practice with the camera.

**STUDENTS ARE ENCOURAGED TO OWN A DIGITAL CAMERA**

Photography II

Credit: 0.5  Course Length:  Semester  Prerequisite: “C” or higher in Photo I or Approved Portfolio
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Fine Art

This course explores both creative/artistic as well as commercial/studio photography at the next level after they have learned compositional strategy in Photography I. Students will be challenged with differing thematic approaches in digital photography, as well as be required to produce traditional studio lighting imagery. Group critique, final presentation of artwork, and in-depth historical research will be emphasized beyond that expected in Photo I. A final portfolio punctuated by a personal artist statement will be required at the end of the course, showcasing their best work. Completion of this course is a prerequisite for Photography Studio. Class is limited to 25 students.

**STUDENTS ARE ENCOURAGED TO OWN A DSLR OR MIRRORLESS CAMERA.**
Photography Studio

Credit: 0.5  Course Length:  Semester  Prerequisite: “C” or higher in Photo II or Approved Portfolio
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Fine Art

This course is for students who have already progressed through Photography I & II and wish to advance their digital photography skills as well as refine their portfolio of work. Students will be personally challenged in the creation of visuals that promote a vision and unique perspective. Technical mastery, alternative techniques, and lighting control will be emphasized while the students continue to build their repertoire and add to their portfolio. Entry into outside competition(s) will be required, as well as a final display portfolio and artist statement. Students may enroll in this course repeatedly for credit.

**STUDENTS ARE ENCOURAGED TO OWN A DSLR OR MIRRORLESS CAMERA.

Partners in Art (Mentor)

Credit: 0.5  Course Length:  Semester  Prerequisite: Art Teacher Recommendation and Application
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Fine Art

Students considering a career in teaching are encouraged to enroll in this course. Peer assistants will work closely with students with a disability at FFCHS to provide help with art and craft activities in a studio setting. Students should have a desire to help their fellow students. Students may enroll in this course repeatedly for credit.

AP Art & Design

Credit: 1.0  Course Length:  Year  Prerequisite: “B” or higher in level II 2D Art class, Art Teacher Recommendation
Grade: 11-12  Grading Scale:  Weighted  Credit:  Fine Art, Academic Elective

This course is for upper level students who have entered into their Junior or Senior years with a full repertoire of skillsets, abilities, and a growing body of work. It is a full year course designed to provide an opportunity for our advanced students to challenge themselves in submitting a final portfolio for outside scoring and evaluation. The AP Art and Design program consists of three different courses and AP Portfolio Exams - AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing - corresponding to college and university foundations courses. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria. Students may choose to submit any or all of the AP Portfolio Exams, but they may not resubmit the same work within multiple portfolio types. *This is an HONOR LEVEL/AP course, so the students will receive WEIGHTED STATUS for their enrollment - PENDING PORTFOLIO SUBMISSION.

MUSIC

Concert Choir

Credit: 0.5 (per semester)  Course Length:  Semester  Prerequisite: None
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Fine Art

This is an entry level choir for students wishing to learn more about choir and students wishing to improve their skillset to advance to auditioned level choirs. Concert Choir will explore traditional and popular culture literature spanning the Baroque Period through the Contemporary Period. Students wishing to take Concert Choir all year must enroll in both sections.
Bella Voci

Credit: 1.0  Course Length: Year  Prerequisite: Audition
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art
An auditioned choir of 9th-12th grade women - this is an advanced choir. Bella Voci will explore traditional and popular culture literature spanning the Renaissance Period through the Contemporary Period. Outside of school performance and travel opportunities are a staple of Bella Voci.

Cantari

Credit: 1.0  Course Length: Year  Prerequisite: Audition
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art
An auditioned chamber choir (24-32) of 9th-12th grade students – this is an advanced choir. Cantari will explore traditional and popular culture literature spanning the Renaissance Period through the Contemporary Period. Outside of school performance and travel opportunities are a staple of Cantari.

Trojanaires

Credit: 1.0  Course Length: Year  Prerequisite: Audition
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art
Trojanaires is an auditioned mixed a cappella ensemble. This ensemble will sing a wide variety of popular culture music including: Broadway, Jazz, Rock, Pop, Hip-Hop, R&B, Rap, and Indie. Students will have input as to the music to be performed and will be given the opportunity to write music for the group if desired. Students interested in learning about vocal percussion or beat-boxing will have performance opportunities. Show choir elements may be added to the ensemble as well.

AP Music Theory

Credit: 1.0  Course Length: Year  Prerequisite: Enrolled in Band or Choir-pass music
Grade: 11-12  Grading Scale: Weighted  Credit: Fine Art, Academic Elective
The AP Music Theory exam consists of a "Paper and Pencil" portion that covers concepts in music notation, form, analysis, part-writing, chords, tonal progressions, and terminology. It also contains a "sight singing" portion that requires students to sight-read music excerpts. An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.

Color Guard for Marching Band

Credit: 0.5  Course Length: Semester (Sem 1)  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art
Students interested in participating in Marching Band using flags should consider joining the Color Guard. No previous experience is required. The Guard meets daily during the school day, as well as rehearsals after school with the Trojan Marching Band. The Color Guard performs and competes at all marching competitions throughout the season, including parades, football games, and field marching competitions, as per the Trojan Marching Band schedule. Summer and after school rehearsals are required for participation and final grade. Experience in flags, rifles, streamers, baton, and dance are preferred, but not required. Students may enroll in this course repeatedly for credit.
### Jazz Band (Spring) 06JAZZ2 (Spring only)

- **Credit:** 0.5
- **Course Length:** Semester (Sem 2)
- **Prerequisite:** Audition
- **Grade:** 9-12
- **Grading Scale:** Unweighted
- **Credit:** Fine Art

**NOTE:** By Audition Only, Limited Instrumentation. This band will explore traditional jazz band literature from Dixieland, blues, swing, and modern fusion. Students must demonstrate acceptable skill on their chosen instrument. This group often performs with Trojanaires. It is highly recommended that the student take a full year of band. If the student chooses to take Band only the 2nd half of the year, then he/she will be placed in Concert Band. All members will audition for Concert Band or Symphonic Band in November. Example: Marching Band/Woodwinds = Concert Band. Students may enroll in this course repeatedly for credit.

### Percussion 06PERC

- **Credit:** 1.0
- **Course Length:** Year
- **Prerequisite:** Previous Band experience required, Teacher Recommendation
- **Grade:** 9-12
- **Grading Scale:** Unweighted
- **Credit:** Fine Art

Percussion Class is for all Concert Band, Symphonic Band, and Wind Ensemble percussionists ONLY. All percussion students in the FFCHS Band program take Percussion instead of the regular band class. This course will focus heavily on the marching band show in fall, as well as concert ensemble literature, percussion ensemble literature, and solo and ensemble. Students who do not have previous experience in percussion should speak with the Director of Bands if they are interested in participating in Percussion.

### Symphonic Band 06SYMPH

- **Credit:** 1.0
- **Course Length:** Year
- **Prerequisite:** 2 Years Middle/High School Band, Audition or Teacher Recommendation
- **Grade:** 9-12
- **Grading Scale:** Unweighted
- **Credit:** Fine Art

By audition or teacher recommendation. The Symphonic Band will be comprised of intermediate instrumental musicians in the school. A consideration for placement in this course will be based upon musical ability and ideal instrumentation for an intermediate band. Students auditioning will perform a piece of music supplied by the director and six (6) major and minor scales. The Symphonic Band will perform and participate in instrumental music festivals as appropriate for the ensemble. Symphonic Band is a full year course. Students may enroll in the course repeatedly for credit.

### Concert Band 06CNCT

- **Credit:** 1.0
- **Course Length:** Year
- **Prerequisite:** None
- **Grade:** 9-12
- **Grading Scale:** Unweighted
- **Credit:** Fine Art

High school entry-level concert ensemble for freshmen and less-advanced instrumental musicians. Basic skills and fundamentals will be taught throughout the course, allowing students to advance their technical and musical proficiency on their instrument in preparation for their advancement in the band program. The Concert Band will perform and participate in instrumental music festivals as appropriate for the ensemble. Concert Band is a full year course.
Wind Ensemble 06WIND

Credit: 1.0  Course Length: Year  Prerequisite: Audition or Teacher Recommendation  
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art

This Wind Ensemble will be comprised of advanced instrumental musicians in the school. A consideration for placement in this course will be based upon musical ability and ideal instrumentation for an advanced band. Students auditioning will perform a piece of music supplied by the director and six (6) major and minor scales. The Wind Ensemble will perform and participate in instrumental music festivals as appropriate for the ensemble. Students may enroll in the course repeatedly for credit. Wind Ensemble is a full year course.

VIDEO PRODUCTION

Audio & Visual Production 1 A & B 06MOVI

Credit: 1.0  Course Length: Year  Prerequisite: None  
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art

This course explores the Audio and Video production industry and its postsecondary educational and career opportunities. Students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers. Professional grade equipment and software will be used in the creation of student lead productions. Students will be involved in every aspect of several class and small group audio, video, and film style production projects with emphasis on TV studio broadcasting and news production projects. Students will also be encouraged to participate as studio crew for district productions outside of school hours.

Audio & Visual Production 2 A & B 06MOVI2

Credit: 1.0  Course Length: Year  Prerequisite: Audio & Video Production 1 A&B  
Grade: 10-12  Grading Scale: Unweighted  Credit: Fine Art

Building on skills learned in Audio/Video Production I, students will work on several audio and/or video productions created for television, cable television, education, radio, entertainment, business and/or industry. Students may concentrate on specific areas of interest such as videography, video editing, film editing, audio recording, audio mixing, sound reinforcement, sound design, dialog editing, lighting, directing, producing, still or animated computer graphics, special effects, voice talent, on-camera talent, production management and camera operation. Students will create a portfolio of work. Additional time beyond regular school hours is required for productions.

Capstone in Audio/Video (Trojan News) 08TNEW

Credit: 1.0  Course Length: Year  Prerequisite: Audio & Visual Production 2 A&B, C or better in all Language Arts Classes  
Grade: 10-12  Grading Scale: Unweighted  Credit: Elective

In the Capstone in Audio/Video course, students will examine the techniques and technologies involved in creating multi-camera shoots for the news and narrative broadcast television genres. Students will explore the unique logistical, structural, and aesthetic methodologies that distinguish broadcast production from other types of production. This class is limited to 20 students.
### Practicum in Audio/Video Production

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<tr>
<th>Credit: 0.5</th>
<th>Course Length: Semester</th>
<th>Prerequisite: Teacher Recommendation</th>
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<td>Grade: 11-12</td>
<td>Grading Scale: Unweighted</td>
<td>Credit: Fine Art</td>
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Building upon the concepts taught in Audio/Video Production 2, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

### Drama I

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Students will be exposed to the fundamentals of acting, with a focus on live stage performance. Topics of study will include vocal techniques, presence and movement training, memorization techniques, public speaking skills, and basic terminology and concepts relating to theater. In addition, basic knowledge about the technical side of live theater will be imparted, including set design and construction, lighting, and rudimentary makeup. Students will be required to accept constructive criticism from their instructor and fellow students, and will be required to give constructive criticism to their fellow students (and even, at times, to their instructor!). Grades will be based upon proper class participation, standard written assessments, contribution to the FFCHS theater program, projects, and performance assessments. Note: Attendance at rehearsals and performances for the fall play or winter musical (based on the semester the course is taken) is required, and will form a portion of the student’s grade.

### Drama II

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<th>Credit: 0.5</th>
<th>Course Length: Semester</th>
<th>Prerequisite: Drama I</th>
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<td>Grade: 9-12</td>
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All topics and requirements from Drama I will be extended. Students will begin to develop intermediate skills in acting, script analysis, audition processes, and improvisation. Elements of theater history will be studied, including Classical, Renaissance, Restoration, and Modern Musicals. Students will also have the opportunity to design sets and lighting and sound schemes. Further, costume design will be studied. In addition, students will study and design publicity campaigns for theatrical events. Note: At this level, some students may choose projects that emphasize performance while others may choose projects that emphasize the off-stage aspects of theater. Students may enroll in this course repeatedly for credit.

### Improvisational Acting

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Whose Line is it Anyway? Improv Olympics? The Groundlings? Saturday Night Live? Comedy Sportz? If you’ve heard of any of these groups and shows, then you’ve heard about improvisational acting. Students will learn, analyze, and apply the tenets of improvisation through the use of drills, exercises, games, and, eventually, scene work. We do not teach a particular format. Instead, students will be taught the basics and philosophy behind improve itself. Students will also be introduced to a character based approach to long-form improvisation as well as techniques for using improvisational techniques to build characters and improve observational skills.
Speech and Debate

Credit: 0.5  Course Length:  Semester  Prerequisite: None
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Fine Art

Speech and Debate is a general speech course which explores the basic principles of public speaking as well as introduces the theory of debate and discussion techniques. Students are taught various methods of communication with the public. Organizational skills, research, reasoning, and oral presentation are a few of the areas developed throughout the semester. Competitive debate and speech will be introduced, and the students will have the opportunity to become members of the Forensics team.

Competitive Speech and Debate

Credit: 0.5  Course Length:  Semester  Prerequisite: None
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Fine Art

This course is designed to allow students to learn, create, and compete speech and debate events. Students will be taught the various speech and debate competitive events including the following: Original Oratory, Informative Speaking, Poetry, Dramatic and Humorous Interpretation, Duo Interpretation, Program Oral Interpretation, Extemporaneous Speaking, Congressional Debate, and Public Forum Debate. In addition to the events, students will also be taught organizational skills, research, reasoning, and oral presentation skills. Participation in this course will require the student to compete in at least two competitions. Furthermore, students enrolled in this course will be members of the Fountain-Fort Carson Speech and Debate Team and the National Speech and Debate Association.

POETRY AND CREATIVE WRITING

Poetry and Creative Writing

Credit: 0.5  Course Length:  Semester  Prerequisite: None
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Fine Art

Students will read and analyze a variety of genres of poetry, and study different creative writing styles including short works of fiction and non-fiction. For each genre studied, students will compose their own original works. The class will be set up in a workshop format in which they will learn to edit and critique peers’ writing, as well as their own. Students interested in writing are encouraged to take this Language Arts based elective.

Poetry and Creative Writing II

Credit: 0.5  Course Length:  Semester  Prerequisite: “C” or higher in Language Arts class/Poetry Creative I
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Fine Art

Creative Writing and Poetry II is a continuation of CWP I course focusing more intently on taking skills learned previously and applying them to a higher aspect of the creative writing process. Students will read and analyze a variety of genres of poetry, and study different creative writing styles including short works of fiction and non-fiction with a primary focus on writing a short novel and or poetry meant to be published. For each genre studied, students will compose their own original works. The class will be set up in a workshop format in which they will edit and critique peers’ writing, as well as their own. Students interested in extending their writing are encouraged to take this Language Arts based elective.
Principles of Marketing (DECA 1) 08DECA1

Credit: 1.0  Course Length: Year  Prerequisite: None  Grade: 9-12  Grading Scale: Unweighted  Credit: Elective

Principles of Marketing is an introductory business and marketing course. It enables students to acquire a realistic understanding of business processes and activities. Students examine fundamental economic concepts, the business environment, and primary business activities. They develop an understanding of skills in such areas as customer relations, economics, emotional intelligence, financial analysis, human resources management, information management, marketing, operations, professional development, and strategic management. Throughout the course, students are presented ethical dilemmas and problem-solving situations for which they must apply academic and critical-thinking skills. The students also will be presented with the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer.

In this tri-fold program, consisting of class instruction, club involvement, and practical experience in a work environment, students will be introduced to the vast world of marketing. DECA is the co-curricular Career and Technical Student Organizations. In DECA, students will further develop their vocational understanding, leadership skills, civic awareness and social intelligence. DECA is a vital and necessary component of the Marketing Education Program. Competition at the district level is required. Membership in DECA is required with dues. Fundraising and other options to help pay for dues are available.

School-based Enterprise-Operations/Management (DECA 2) 08DECA2

Credit: 1.0  Course Length: Year  Prerequisite: Principles of Marketing (DECA 1)  Grade: 10-12  Grading Scale: Unweighted  Credit: Elective

A School-based Enterprise (SBE) is an entrepreneurial operation in a school setting that provides goods/services to meet the needs of the market. SBEs are managed and operated by students as hands-on learning laboratories that integrate National Curriculum Standards in Marketing, Finance, Hospitality or Management. SBEs provide realistic and practical learning experiences that reinforce classroom instruction. DECA is the co-curricular Career and Technical Student Organizations. In DECA, students will further develop their vocational understanding, leadership skills, civic awareness and social intelligence. DECA is a vital and necessary component of the Marketing Education Program. Competition at the district level is required. Membership in DECA is required with dues. Fundraising and other options to help pay for dues are available.

Project Management in Organizations (DECA 3) 08DECA3

Credit: 1.0  Course Length: Year  Prerequisite: School-based Enterprise-Operations/Management (DECA 2)  Grade: 11-12  Grading Scale: Unweighted  Credit: Elective

Investigates the concepts and applicability of project management within organizations. It examines the unique nature of the project management structure including its emphasis on integrated decision making throughout a lifecycle of a product from the planning, implementing, monitoring, and controlling phases. Emphasis is on the processes of initiating, planning, executing, controlling, and closing activities of project management. DECA is the
co-curricular Career and Technical Student Organizations. In DECA, students will further develop their vocational understanding, leadership skills, civic awareness and social intelligence. DECA is a vital and necessary component of the Marketing Education Program. Competition at the district level is required. Membership in DECA is required with dues. Fundraising and other options to help pay for dues are available.

**DECA IV Retail Operations**

Credit: 1.0  
Course Length: Year  
Prerequisite: Project Management in Organizations (DECA 3)  
Grade: 12  
Grading Scale: Unweighted  
Credit: Elective

This course is an entrepreneurial operation in a school setting that provides goods/services to meet the needs of a market. Students will learn hands-on retail procedures including customer service, advertising, sales, merchandising and math. Students will operate, maintain and manage the various DECA related retail outlets (Domination Store, Concessions, etc.). DECA is the co-curricular Career and Technical Student Organizations. In DECA, students will further develop their vocational understanding, leadership skills, civic awareness and social intelligence. DECA is a vital and necessary component of the Marketing Education Program. Competition at the district level is required. Membership in DECA is required with dues. Fundraising and other options to help pay for dues are available.

**Accounting Principles 1 A & B**

Credit: 1.0  
Course Length: Year  
Prerequisite: None  
Grade: 9-12  
Grading Scale: Unweighted  
Credit: Elective

Accounting, also known as, the “Universal Language of Business,” plays an important role in the business world. Students will learn how accounting information is used by people both inside and outside the business in making decisions. This course introduces accounting fundamentals with emphasis on the procedures and practices used in business organizations. Major topics include the accounting cycle for service and merchandising companies, including end-of-period reporting. The course covers accounting for sole proprietorships, merchandising companies, and corporations. Future Business Leaders of America (FBLA) is one of two Career and Technical Student Organizations. FBLA brings business and education together in a working relationship through leadership and career development activities. Students enrolled in Accounting I are encouraged to participate in FBLA.

**Accounting Principles 2 A & B**

Credit: 1.0  
Course Length: Year  
Prerequisite: Accounting Principles 1 A & B (C or better)  
Grade: 10-12  
Grading Scale: Unweighted  
Credit: Elective

Accounting Principles 2 A & B provides a strong foundation in basic accounting theory and procedures and includes instruction on computerized accounting systems. This course continues the application of accounting principles to business organizations. Major topics include corporate equity and debt financing, investments, cash flow statements, financial analysis, budgeting, cost and managerial accounting. The advance accounting topics include financial analysis budgeting, break-even, and cost accounting. Advanced Accounting will cover accounting procedures for partnerships and not-for-profit organizations. This course is ideal for students going to college, as well as, those entering the workforce upon graduation. Future Business Leaders of America (FBLA) is one of two Career and Technical Student Organizations. FBLA brings business and education together in a working relationship through leadership and career development activities. Students enrolled in Accounting II are encouraged to participate in FBLA.
Advanced Computer Applications

Credit: 0.5  Course Length: Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Elective

This course is designed to offer students a variety of computer skills to help them in school and employment. This course introduces basic computer terminology, file management, and PC system components, as well as provides an overview of office application software including word processing, spreadsheets, databases, and presentation graphics. This course includes the use of a web browser to access the Internet. In this course, students will be conducting Internet searches and producing various reports and multimedia products. Students will research and use proper MLA writing style in written reports. Students will work with hands-on components for study of the Microsoft Office Suite which includes Word, Excel, PowerPoint, and Access. In addition, students will integrate cloud based learning with components of G Suite into their learning.

Desktop Publishing

Credit: 0.5  Course Length: Semester  Prerequisite: Advanced Computer Applications
Grade: 9-12  Grading Scale: Unweighted  Credit: Elective

This course introduces the concepts and applications for desktop publishing. It emphasizes page layout and design with techniques for incorporating text and graphics and final production of printed documents. Students are taught graphic and text manipulation, create design layouts, and use desktop publishing programs (MS Publisher and Adobe InDesign). Students will also use MS Word, Photoshop, and Illustrator to develop basic graphic design skills and to teach students how to create visually pleasing documents such as printed brochures, posters, and newsletters as well as document format (PDF) documents.

Event Marketing and Communications

Credit: 0.5  Course Length: Semester  Prerequisite: Principles of Marketing (DECA 1)
Grade: 9-12  Grading Scale: Unweighted  Credit: Elective

Event Marketing and Communications is a unique and innovative course designed for students with an interest in the sports and entertainment industry. This course defines the importance and role of marketing, media and public relations in the event planning industry. Students will identify marketing and communication tools such as social media, promotional events, networking and blogs. They will also design a marketing plan to include target market research, communication tools, objectives, strategies, and implementation. This course stresses the utilization of fundamental marketing concepts and will include an orientation to the sports and entertainment industry. Marketing strategies along with topics in sponsorship, pricing, marketing research, endorsements, and promotions will be part of this course. The course will develop critical thinking, decision making and communication skills through real world applications. Students will be prepared to handle specific tasks associated with industry.
People possessing good communication skills have an advantage in the workplace. This course focuses on verbal, nonverbal, and written forms of communication. The course will emphasize effective business writing and cover letters, memoranda, reports, application letters, and resumes. This course includes the fundamentals of business communication and an introduction to international communication. The Business Communications and Speech Course will provide students with the information and practice they need to communicate effectively in a variety of business settings. Students are encouraged to participate in FBLA.

**Legal Environment of Business**

This is a semester long course designed to provide students with a basic understanding of the legal and ethical issues related to business law. This course emphasizes public law, regulation of business, ethical considerations, and various relationships existing within society, government, and business. Specific attention is given to economic regulation, social regulation, labor-management issues, environmental issues, and contract fundamentals. This course analyzes the role of law in social, political, and economic change business environments. This class will discuss the basic nature of the U.S. legal system starting with constitutional law, how statutes are formed, and the differences between criminal and civil cases and procedures. More specifically, areas of study include legal and ethical issues that arise in business decisions, laws that apply to social responsibility, contract law, employment and labor law, and tort and liability law. Personal topics include buying and insuring a car, renting an apartment, buying a home, marriage, divorce, and the use of personal credit. This course looks to combine theory and practice to give students real-world opportunities to explore the intersection of law and business. Upon completion, students will be prepared with a real world understanding of business related areas such as bankruptcy, corporate law, mergers and acquisitions, consumer rights, legal considerations of business ownership, finance, and commercial law and taxation. Students participating in this class will also be required to participate in FBLA (Future Business Leaders of America) which may have after school requirements.

**Culinary Arts**

**Culinary Essentials 1**

This course is designed to introduce students to a variety of culinary skills and food preparation. Through instruction and culinary lab practice, this class will provide an opportunity for students to learn food preparation and demonstrate food safety. Some topics include introductory culinary skills and preparation of items such as quick breads, yeast breads, and eggs; as well as meal and menu planning; nutrition, and food borne illnesses; basic rules of sanitation; and local/ state regulations for food service operations. At the completion of the course, students take the ServSafe Test, a nationally recognized test from the Education Foundation of the National Restaurant Association. If passed with a score of 75% or more, students receive a Certificate of from the Education Foundation and can enroll in Culinary Essentials 2. Students may travel to the kitchen at WEC (Welte Education Center) for labs. *Freshmen can request and apply 2nd semester only and must be on track and have good attendance and behavior.
Culinary Essentials 2

Credit: 1.0  Course Length:  Semester (2 periods daily)  Prerequisite: Culinary Essentials 1, ServSafe Certification
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Elective

This intermediate culinary course is designed for students interested in exploring culinary careers, and to advance them to the next level of food preparation. The students will have the opportunity to prepare menu items that involve more detailed procedures and practice techniques used in the culinary field. Students will learn all of the basic skills and concepts such as knife skills, basic food prep, menu planning, nutrition, basic culinary math, soups, sauces and consommés. This course meets at the Welte Education Center for 2 class periods per day.

Transportation will be provided to and from FFCHS on the lab session days.

Culinary students will also integrate the FCCLA elite group, which will give students the opportunity to compete in culinary events at state level. Students who plan to pursue the Culinary Arts through Pikes Peak Community College (PPCC), must pass with an A or B to earn credit through Pikes Peak Community College Articulation Agreement. Students will have to purchase Non-slip shoes prior the beginning to any lab sessions. This is a safety requirement that will be enforced without any exceptions.

Culinary Arts A&B

Credit: 1.0  Course Length:  Semester (2 periods daily)  Prerequisite: Culinary Essentials 2
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Elective

Culinary Arts/Food Production incorporates a student-run restaurant open to the public focusing on operation, food preparation, customer service, front/back of the house experiences, food safety, and management. Advance Culinary Arts students will continue taking some of the more advance culinary courses such as Intro to Baking, Nutrition, Catering to include management skills and other topics. Students will show their expertise by participating in catering events hosted by the culinary program. As part of their final exam for students in this course, they will design a restaurant showcase where their technical skills will be demonstrated. This course meets at the Welte Education Center for 2 class periods per day. Transportation will be provided to and from FFCHS on the lab session days. Students that complete this course with an A or B average may earn credit through the Pikes Peak Community College Articulation Agreement. Students will have to purchase Non-slip shoes prior the beginning to any lab sessions. This is a safety requirement that will be enforced without any exceptions.

Work Based Learning FAC’s

Credit: 1.0  Course Length:  Semester (2 periods daily)  Prerequisite: Teacher Recommendation, Culinary Arts
Grade: 11-12  Grading Scale:  Unweighted  Credit:  Elective

Students must be working in an internship, apprenticeship or be employed in a Family and Consumer Sciences (FAC’s) related field.
Partners in Cooking-Mentor

Credit: 0.5 Course Length: Semester Prerequisite: Culinary Arts A&B and/or Teach Recommendation
Grade: 10-12 Grading Scale: Unweighted Credit: Elective

This course is for students with a compassion for the physically challenged, special needs student. Students considering a career in teaching are encouraged to enroll in this course. Peer assistants must be in grades 10-12, and will work closely with students with a disability at FFCHS to provide help with cooking and culinary activities in a classroom setting. Students should have Culinary Arts class experience (though not required) and a desire to help their fellow students. Students may enroll in this course repeatedly for credit.

EDUCATION

CSU-P Teacher Cadet

Credit: 1.0 Course Length: Year Prerequisite: Teacher/Counselor Rec/3.0 GPA
Grade: 11-12 Grading Scale: Weighted Credit: Academic Elective

This course is specifically for students that plan on going into a career in K-12 education. Teacher Cadet is an innovative, curriculum-based college level course designed to attract talented young people to the education profession through a challenging introduction to teaching. The Program seeks to provide high school students insight into the nature of teaching, the problems of schooling, and the critical issues affecting the quality of education in America's schools. Students will receive 3 college credits through CSU-Pueblo for successful completion of the class with a “C” or better. Students who earn lower than a “C” will be required to pay for the class based on CSU-P Concurrent Enrollment tuition costs.

Early Childhood Education Aide

Credit: 1.0 Course Length: Year Prerequisite: Counselor recommendation, Application and Interview
Grade: 11-12 Grading Scale: Unweighted Credit: Elective

Early Childhood Education focuses on essential skills and job functions for students interested in working in child development centers and daycare centers immediately following high school. Students will work with cooperating faculty at Conrad Center with students ages 1-5. Students must complete an application, interview with Conrad Administration, and pay for the appropriate background and fingerprint checks.

Early Childhood Education 101

Credit: 1.0 Course Length: Year Prerequisite: Counselor recommendation, Application and Interview
Grade: 11-12 Grading Scale: Unweighted Credit: Elective

This introduction to Early Childhood Education course is designed to provide the skills needed to secure employment as a teaching assistant in a childcare center, preschool, or elementary school. Focus is on ages birth to eight. Students enrolled in the program receive training in the classroom setting and in a licensed child care facility. Students will work with cooperating faculty at Conrad Early Learning Center and with students ages 3-5. Students must complete an application and interview process with Conrad Administration.
TECHNICAL THEATRE

Technical Theatre and Stage Craft

Credit: 0.5  Course Length:  Semester  Prerequisite: Drama 1
Grade: 9-12  Grading Scale:  Unweighted  Credit:  General Elective

Students will gain hands-on experience in interpreting theatrical arts through the technical aspects of theatre. The class will engage students in a semester-long project that will give them experience in set design and construction, lighting and sound design, basic stage makeup design, costume and props acquisition and basic design, and production management. Units would include the following: Interpreting theatre through technical aspects, planning and budgeting for a theatrical production, designing and constructing a safe and effective set, Designing lighting and sound for a production, basic makeup design, basic costuming, props, putting it all together through effective production management. Final presentations of a completed stage manager's prompt book, and giving a "tour" of their production. This course will require attendance at various after school rehearsals throughout the course of the semester.

Technical Theatre and Stage Craft 2

Credit: 0.5  Course Length:  Semester  Prerequisite: Drama 1 & Technical Theater & Stage Craft 1
Grade: 10-12  Grading Scale:  Unweighted  Credit:  General Elective

Students will gain advanced hands-on experience in interpreting theatrical arts through the technical aspects of theater while focusing on the perspectives of a theater and stage manager. The class will engage students in a semester-long leadership project that will give them experience in set design and construction, lighting and sound design, basic stage makeup design, costume and props acquisition and basic design, and production management. Units would include the following: Interpreting theater through technical leadership aspects, planning and budgeting for a theatrical production as a manager, designing and constructing a safe and effective set, Designing lighting and sound for a production, basic makeup design, basic costuming, props, “putting it all together” through effective production management. Final presentations of a completed stage manager's prompt book, and giving a performance of their production. This class would meet Colorado's drama standards 1,2, and 3: Create, Perform, and Critically Respond.

STEM (Science Technology Engineering Math)

Computer Science Foundations A & B

Credit: 1.0  Course Length:  Year  Prerequisite: Teacher Recommendation
Grade: 9-11  Grading Scale:  Unweighted  Credit:  Academic Elective

Computer Science Foundations (CSF) is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology Program of Study to pursue.
Coding 1 A & B

Credit: 1.0  Course Length: Year  Prerequisite: Computer Science Foundations A & B
Grade: 10-12  Grading Scale: Unweighted  Credit: Academic Elective

Coding 1 is a course intended to teach students the basics of computer programming. The course places emphasis on practicing standard programming techniques and learning the logic tools and methods typically used by programmers to create simple computer applications. Upon completion of this course, proficient students will be able to solve problems by planning multistep procedures; write, analyze, review, and revise programs, converting detailed information from workflow charts and diagrams into coded instructions in a computer language; and will be able to troubleshoot/debug programs and software applications to correct malfunctions and ensure their proper execution. This course covers the basic building blocks of programming using the programming language Python, along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science, including AP Computer Science Principles.

Cyber 1 A & B

Credit: 1.0  Course Length: Year  Prerequisite: Computer Science Foundations A & B
Grade: 10-12  Grading Scale: Unweighted  Credit: Academic Elective

Cybersecurity 1 is a course intended to teach students the basic concepts of cybersecurity. The course places an emphasis on security integration, application of cybersecurity practices and devices, ethics, and best practices management. The fundamental skills in this course cover both in house and external threats to network security and design, how to enforce network level security policies, and how to safeguard an organization’s information. Upon completion of this course, proficient students will demonstrate and understanding of cybersecurity concepts, identify fundamental principles of networking systems, understand network infrastructure and network security, and be able to demonstrate how to implement various aspects of security within a networking system.

Cyber 2 A & B

Credit: 1.0  Course Length: Year  Prerequisite: Cyber 1 A & B
Grade: 10-12  Grading Scale: Unweighted  Credit: Academic Elective

Cybersecurity 2 challenges students to develop advanced skills in concepts and terminology of cybersecurity. This course builds on previous concepts introduced in Cybersecurity I while expanding the content to include malware threats, cryptography, wireless technologies and organizational security. Upon completion of this course, proficient students will demonstrate an understanding of cybersecurity ethical decisions, malware threats, how to detect vulnerabilities, principles of cryptology, security techniques, contingency plan techniques, security analysis, risk management techniques, and advanced methods of cybersecurity.
Computer Systems A & B

Credit: 1.0  Course Length: Year  Prerequisite: Computer Science Foundations A & B
Grade: 10-12  Grading Scale: Unweighted  Credit: Academic Elective

Computer Systems is an intermediate course designed to prepare students with work-related skills and aligned certification in the information technology industry. Content provides students the opportunity to acquire knowledge in both theory and practical applications pertaining to hardware, operating systems, safe mode, command prompt, security, networking, printers, peripheral devices, laptops, mobile devices, troubleshooting, and customer service management. Upon completion of the course, proficient students will have acquired skills and knowledge to install, configure, and maintain computer systems. Students who are proficient in this course will be eligible to pursue the IT industry-standard credential, CompTIA’s A+ certification.

Networking A & B

Credit: 1.0  Course Length: Year  Prerequisite: Computer Systems A & B
Grade: 10-12  Grading Scale: Unweighted  Credit: Academic Elective

Networking is an advanced course designed to emphasize the conceptual and practical skills necessary to design, manage, and diagnose network hardware and software. Upon completion of this course, proficient students will identify types of networks, understand the layers of the open systems interconnection (OSI) model, prevent security risks, and apply troubleshooting theory to the successful execution of networking tasks. Course content covers transmission control protocol, internet protocol, wired and wireless topologies, switching and routing, network hardware, wireless networking, and network operating systems (NOS). Upon completion of this course, proficient students will be prepared to sit for the CompTIA Network+ exam.

PLTW: Introduction to Engineering Design A & B

Credit: 1.0  Course Length: Year  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Academic Elective

Through both individual and collaborative team activities, projects, and problems, students will solve problems as they practice common engineering design and development protocols such as project management and peer review. Students will develop skill in technical representation and documentation of design solutions according to accepted technical standards, and they will use current 3D design and modeling software to represent and communicate solutions. In addition, the development of computational methods that are commonly used in engineering problem solving, including statistical analysis and mathematical modeling, are emphasized. Ethical issues related to professional practice and product development are also presented.

PLTW: Principles of Engineering A & B

Credit: 1.0  Course Length: Year  Prerequisite: Introduction to Engineering Design A&B (IED)
Grade: 10-12  Grading Scale: Weighted  Credit: Academic Elective

Principles of Engineering (POE) is a foundation course of the high school engineering pathway. This survey course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.
PLTW: Computer Science Principles A & B (AP) 00CSPAP

Credit: 1.0  Course Length:  Year  Prerequisite: IED, POE, or Teacher Recommendation
Grade: 11-12  Grading Scale: Weighted  Credit: Academic Elective

Computer Science Principles (CSP) is a PLTW course to implement the College Board’s new AP CS Principles framework. Students work in teams to develop computational thinking and solve problems. The course does not aim to teach mastery of a single programming language but aims instead to develop computational thinking, to generate excitement about the field of computing, and to introduce computational tools that foster creativity. The course also aims to build students’ awareness of the tremendous demand for computer specialists and professionals in all fields who have computational skills. Each unit focuses on one or more computationally intensive career paths. The course also aims to engage students to consider issues raised by the present and future societal impact of computing.

An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.

PLTW: Aerospace Engineering A & B 00AERO

Credit: 1.0  Course Length:  Year  Prerequisite: IED, POE, or Teacher Recommendation
Grade: 11-12  Grading Scale: Weighted  Credit: Academic Elective

The course deepens the skills and knowledge of an engineering student within the context of atmospheric and space flight. Students explore the fundamentals of flight in air and space as they bring the concepts to life by designing and testing components related to flight such as an airfoil, propulsion system, and a rocket. They learn orbital mechanics concepts and apply these by creating models using industry-standard software. They also apply aerospace concepts to alternative applications such as a wind turbine and parachute. Students will have the opportunity to complete flight simulations to model in flight.

PLTW: Engineering Design and Development A & B 00EDD

Credit: 1.5  Course Length: Year 1st semester=1 period, 2nd semester=2 periods daily  Prerequisite: IED, POE and APCSP or AE
Grade: 12  Grading Scale: Weighted  Credit: Academic Elective

Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program. It is an open-ended engineering research course in which students work in teams to design and develop an original solution to a well-defined and justified open-ended problem by applying an engineering design process. This course meets for one period daily during 1st semester and two periods daily during 2nd semester.
IT Clinical Internship A & B

Credit: 1.0  Course Length: Year  Prerequisite: Computer Science Foundations A/B and either:
1. Computer Systems A/B and Networking A/B or
2. Cyber 1 A/B and Cyber 2 A/B or
3. Coding 1 A/B and AP Computer Science

Grade: 10-12  Grading Scale: Weighted  Credit: Academic Elective

IT Clinical Internship is a capstone course and work-based learning experience designed to provide students with real-world application of skills and knowledge obtained in previous Networking Systems courses. Students are eligible to take the IT Clinical Internship if they have successfully completed all the prerequisites in the Networking Systems program of study. The internships are designed to be completed in an IT Support environment, such as the student’s school, a community-based shop that provides IT Support, or the IT Support department of a local business. This course puts to practical use all of the skills attained in previous courses, and provides the student with valuable hands-on experience.

WOODS AND METALS

Woods

Credit: 0.5  Course Length: Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Elective

Woods 1 is an introductory level course in machine woodworking. The primary purpose is to familiarize students with the materials, tools, processes, and occupations of “woodworking.” Students will learn the proper function and use of shop tools and machinery. Students will demonstrate mastery of safety procedures and shop etiquette. Students will successfully complete the assigned series of projects. There is a shop fee of $35 per student to help cover the cost of materials used in students’ projects.

Woods 2/Furniture Building

Credit: 1.0  Course Length: Semester (2 periods daily)  Prerequisite: Woods 1
Grade: 9-12  Grading Scale: Unweighted  Credit: Elective

Skills and information learned in Woods 1 are further improved and applied in the design and construction of a piece of furniture. More time will be spent in the shop on student-selected, teacher-approved projects than on lecture. Students will learn to identify, select, and properly build the various types of joints that are used in the construction of furniture. Students will propose a project, draw a working plan, and accurately calculate the cost of the necessary materials. Students will demonstrate mastery of safety procedures and shop etiquette. Students will independently build a professional-grade piece of furniture. Shop fees will depend on projects chosen by the students. This semester course meets for two periods a day. Students may enroll in this class repeatedly for credit.
Metals I

Credit: 0.5 Course Length: Semester Prerequisite: None
Grade: 9-12 Grading Scale: Unweighted Credit: Elective

Metals I is an introductory course offered to students with an interest in metal working. In this course, students will learn about shop and tool safety, measurement, how to draw and plan projects, and the tools used for working with metals (including the MIG welder). They will use those tools and develop skills in order to plan for and to cut, bend, and connect metal to construct a required and an approved project. Additionally, students must pass the safety assessment before they are allowed to do any shop work. There is a $30 fee for this course and students may have to purchase materials for approved projects. All students in this course will be required to wear eye protection at all times in accordance with Colorado state law.

Welding

Credit: 0.5 Course Length: Semester Prerequisite: Metals 1, Application, Teacher Recommendation
Grade: 9-12 Grading Scale: Unweighted Credit: Elective

The Welding course is an advanced class designed to allow students to take the basic knowledge about metals and welding learned in the Metals I class and expand techniques specifically related to welding. Students will learn and practice shielded metal arc welding, gas metal arc welding, and gas tungsten arc welding. Students will also learn to safely and effectively operate other shop equipment required to prepare and finish materials for welding. This is a welding intensive course where students will learn technical information and skills about each type of welding and will learn to weld proficiently in multiple positions for each discipline. Candidates must qualify for Welding with exemplary work ethic and above average performance in Metals 1. Additionally, there is a $40 fee for this course, and students must pass the safety assessment before they are allowed to do any shop work. All students in this course will be required to wear eye protection at all times in accordance with Colorado state law. Students must submit an application and be approved to register for this class.

Metals II

Credit: 1.0 Course Length: Semester-two periods Prerequisite: Metals 1 AND Welding, Application, Teacher Recommendation
Grade: 10-12 Grading Scale: Unweighted Credit: Elective

Metals II is designed for advanced students and provides them an opportunity to apply the information and skills learned in the Metals I and Welding classes to construct projects. Students in advanced metals class will use previously used tools and learned skills as well as new techniques to construct approved projects. Candidates must qualify for Metals II with exemplary work ethic and above average performance in the Metals 1 and Welding classes. Students will come to class prepared with multiple, complex project ideas and a commitment to work hard every day. Additionally, students must pass the safety assessment before they are allowed to do any shop work. There is a $30 fee for this course and students may have to purchase materials for approved projects. All students in this course will be required to wear eye protection at all times in accordance with Colorado state law. Students must submit an application and be approved to register for this class.
JROTC

Attention Students:

Students participating and passing a full year of JROTC will be allowed to waive the following:
- JROTC 1/Let 1 Rifle = 0.5 PE waiver
- JROTC 2/Let 2 Rifle = 1.0 PE waiver
- JROTC 3/Let 4 Rifle or Staff = 1.0 PE waiver or 1.0 Academic Elective
- JROTC 4/Let 4 Rifle or Staff = 1.0 PE waiver or 1.0 Academic Elective

JROTC 1 (LET 1) 08ROTC1a/08ROTC1b

Credit: 1.0  Course Length:  Year*  Prerequisite: None
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Elective

YEAR LONG CLASS: The purpose of Junior ROTC is to motivate high school students to become better citizens. The LET 1 course is a one-year course. The curriculum includes instruction in leadership, citizenship, communication, history, life management skills, and physical fitness. Cadets are required to wear the uniform once a week. Cadets are also required to march in one off campus parade a year to receive credit. All uniforms, textbooks and curriculum materials are provided at no cost to the students. Optional extracurricular opportunities exist for the drill team, rifle team, saber team, color guard, honor guard and raider team. Cadets who excel will be considered to attend the one-week summer camp during the month of June each summer. Students may be dropped from the course by the Senior Army Instructor for disciplinary reasons outlined in Cadet Command Regulation 145-2.

*Students may not drop this class at the end of semester.

**Students participating and passing three full years of JROTC will be allowed to waive 1.5 Physical Education Credit

JROTC 2 (LET 2) 08ROTC2

Credit: 1.0  Course Length:  Year*  Prerequisite: JROTC 1
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Elective

YEAR LONG CLASS: This course builds on the material presented in JROTC 1. Cadets begin to assume leadership roles and receive additional instruction in leadership, responsibility, management and integrity. In addition to more in-depth instruction in the core JROTC curriculum subjects, electives are introduced to further challenge the cadets. Cadets continue to elevate in rank and assume more challenging roles in the cadet program. Cadets are required to wear the uniform once a week and march in one off campus parade during the school year to receive credit. Students may enroll in this course repeatedly for credit. Students may be dropped from the course by the Senior Army Instructor for disciplinary reasons outlined in Cadet Command Regulation 145-2.

*Students may not drop this class at the end of semester.

*Students participating and passing three full years of JROTC will be allowed to waive 1.5 Physical Education Credit
JROTC 3-4 (LET 3-4)  08ROTC34
Credit: 1.0  Course Length:  Year*  Prerequisite:  JRTOC 1, Teacher Recommendation
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Elective

YEAR LONG CLASS: Cadets interested in becoming a part of the cadet staff must seek and gain permission
from the Senior Army Instructor before they enroll for this class. Cadets in the staff development class receive
instruction on the administrative, training and logistical functions that must be accomplished on a daily basis
to run the JROTC unit. Cadets are required to march in one off campus parade during the school year as well
as wear the uniform once a week to receive credit. Students may enroll in this course repeatedly for credit.
Students may be dropped from the course by the Senior Army Instructor for disciplinary reasons outlined in
Cadet Command Regulation 145-2.
*Students may not drop this class at the end of semester.*
**Students participating and passing three full years of JROTC will be allowed to waive 1.5 Physical Education Credit

JROTC Rifle  08RIFLE
Credit: 1.0  Course Length:  Year*-2 periods  Prerequisite:  Rifle Summer Camp
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Elective

YEAR LONG CLASS: Cadets interested in this course must obtain permission from the Army Instructor Rifle Coach
before they enroll. Cadets entering this course are expected to participate all year. There are summer time course
requirements for this course. Cadets may be dropped from this course and re-enrolled in another JROTC LET 1-4
course at semester end if they fail to participate and meet course requirements as outlined in the course syllabus.
Cadets assume leadership roles as peer instructors and perform duties in various leadership positions. In addition,
cadets receive instruction in leadership, responsibility, supply accountability, record management, integrity and instructional
methods. In addition, the cadet will receive in-depth instruction into advance competitive marksmanship skills as well as
more in-depth instruction in the core JROTC curriculum subjects, while competing in Sporter Program (7th Period) or
Precision Program (8th Period). Cadets are accepted into the Precision Shooting program based on their performance in
Sporter and program availability. The Army Instructor determines which cadets participate in the Precision Shooting
Program of Instruction. Cadets are required to participate in 80% or more of scheduled rifle matches held each school year
or 80% of the matches they qualify for each school year to receive credit. Cadets will represent the school in numerous out
of state competitions that are national level. Cadets will learn public speaking and media interview techniques as well as
social media management of their performances. Cadets continue to elevate in rank and assume challenging roles within the
JROTC program. Cadets may enroll in this course repeatedly for credit as LET 2-4 with Army Instructor approval. LET 1 cadets
may be accepted based on class availability and after the first semester of their LET 1 School Year. Students may be dropped
from the course by the Senior Army Instructor for disciplinary reasons outlined in Cadet Command Regulation 145-2.
Cyber Patriot 1-4

08CYB/08CYB2/08CYB3/08CYB4

Credit: 1.0  Course Length:  Year  Prerequisite:  None
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Elective

YEAR LONG CLASS: (1st period only) Cyber Patriot is the premier national youth cyber education program created to inspire high school and middle school students toward careers in cybersecurity or other science, technology, engineering and mathematics (STEM) disciplines critical to our nation’s future. Course instruction includes Ubuntu, Windows, and Cisco administrator processes and procedures. Students will be provided credit for each year entered in this course and may earn post workforce certifications through CISCO Network Academy. Students will also be expected to complete their normal core JROTC assignments as required. It is preferred that students interested in this course be a member of the JROTC program but not mandatory. Students are expected to complete in online competitions that are a part of the student grades and possibly travel to National competitions. Levels are determined by student interest, aptitude, and years completed. Students may be dropped from the course by the Senior Army Instructor for disciplinary reasons as outlined in Cadet Command Regulation 145-2.

JROTC Staff Development

08ROTCST

Credit: 1.0  Course Length:  Year  Prerequisite:  JROTC 1 and permission from the Senior Army Instructor
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Elective

Cadets interested in becoming a part of the cadet staff must seek and gain the permission of the Senior Army Instructor before they enroll for this class. Cadets assume leadership roles as the battalion command team and battalion staff. Cadets in the staff development class receive instruction on the administrative, training and logistical functions that must be accomplished on a daily basis to run the JROTC unit. Cadets selected to work on staff will be required to participate in a variety of events that support the school throughout the year and to include summers and multiple weekends. Cadets may be selected at the end of first semester to enter the class at the beginning of second semester. Students may be dropped from the course by the Senior Army Instructor for disciplinary reasons as outlined in Cadet Command Regulation 145-2.

*Students may not drop this class at the end of semester.

**Students participating and passing three full years of JROTC will be allowed to waive 1.5 Physical Education Credit
WORLD LANGUAGE

NOTE: The University of Colorado system requires 2 or 3 units (4 or 6 semesters), depending on the branch of the university and the program, of the same language for admission standards for all students.

**German I**  
05GERM1A/05GERM1B

**Credit:** 1.0  
**Course Length:** Year  
**Prerequisite:** None

**Grade:** 9-12  
**Grading Scale:** Unweighted  
**Credit:** World Language

Students learn basic communicative German language and culture through reading, writing, listening, and speaking. Students learn to use German through a variety of activities including individual and pair work as well as projects and presentations. Students will be assessed through reading, writing, speaking and listening. Grammar and vocabulary study outside of class as well as a professional and responsible attitude are essential to success in any second language.

**German II**  
05GERM2A/05GERM2B

**Credit:** 1.0  
**Course Length:** Year  
**Prerequisite:** "C" or better in German I

**Grade:** 9-12  
**Grading Scale:** Unweighted  
**Credit:** World Language

Grade of "C" or better in German I or teacher recommendation and parent approval. Students continue to expand their vocabulary and learn more complicated grammatical concepts. The emphasis is still on the actual use of the language, but on a more sophisticated level. Some very simple literary selections are introduced, and an appreciation and understanding of German culture is a continuing goal.

**German III**  
05GERM3A/05GERM3B

**Credit:** 1.0  
**Course Length:** Year  
**Prerequisite:** German II

**Grade:** 9-12  
**Grading Scale:** Unweighted  
**Credit:** World Language

Grade of "C" or better in German II or teacher recommendation and parent approval. In German III, the focus begins to shift from learning the language to using the language to learn about other topics. Students will continue to fine tune their grammar, speaking, and writing skills. The class will address personal and public identity, family and community, daily life, globalization, science and technology, and beauty and aesthetics. The main focus of the course is student production of the language.

**AP German Language and Culture**  
05APGERM

**Credit:** 1.0  
**Course Length:** Year  
**Prerequisite:** “C” or better German III

**Grade:** 9-12  
**Grading Scale:** Weighted  
**Credit:** World Language

Students will enhance their knowledge of German culture and language as they prepare for the AP German Language and Culture exam. This course will integrate all three communicative modes (interpersonal, interpretative, and presentational) through the use of authentic materials. The course instruction, classroom discussion, and all written assignments will be in German, and the students are expected to communicate in German. This course incorporates interdisciplinary topics across six thematic units: Families and Communities, Beauty and Aesthetics, Science and Technology, Contemporary Life, Global Challenges, and Personal and Public Identities.

An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.
**Spanish I**

Credit: 1.0  Course Length: Year  Prerequisite: None  
Grade: 9-12  Grading Scale: Unweighted  Credit: World Language  

Students learn basic communicative Spanish language and culture through reading, writing, listening, and speaking. Students learn to use Spanish through a variety of activities including individual and pair work as well as projects and presentations. Students will be assessed through reading, writing, speaking and listening. Grammar and vocabulary study outside of class as well as a professional and responsible attitude are essential to success in any second language.

**Spanish II**

Credit: 1.0  Course Length: Year  Prerequisite: “C” or Better in Spanish I – Second Semester  
Grade: 9-12  Grading Scale: Unweighted  Credit: World Language  

In Spanish II, students continue to expand their vocabulary and learn more complicated grammatical concepts. The emphasis is still on the actual use of the language, but on a more sophisticated level. Some very simple literary selections are introduced, and an appreciation and understanding of Hispanic culture is a continuing goal.

**Spanish III**

Credit: 1.0  Course Length: Year  Prerequisite: “B” or Better in Spanish II  
Grade: 9-12  Grading Scale: Unweighted  Credit: World Language  

Grade of “B” or higher in Spanish II or teacher recommendation. In Spanish III, the focus begins to shift from learning the language to using the language to learn about other topics. Students will continue to fine tune their grammar, speaking, and writing skills. The class will address personal and public identity, family and community, daily life, globalization, science and technology, and beauty and esthetics. The main focus of the course is student production of the language.

**Spanish IV**

Credit: 1.0  Course Length: Year  Prerequisite: “B” or Better in Spanish III  
Grade: 9-12  Grading Scale: Unweighted  Credit: World Language  

Grade of “B” or higher in Spanish III or teacher recommendation. This course is an advanced Spanish offering for weighted credit designed to help students reach the intermediate-mid proficiency level according to the American Council on the Teaching of World Languages (ACTFL) guidelines. Spanish IV focuses on the five “C’s” of communication: Communications, Cultures, Connections, Comparisons, and Communities. To address these components, more emphasis will continue to be placed on communication in Spanish, both oral and written. Also, listening and reading skills will be refined.
AP Spanish Language and Culture

Credit: 1.0  Course Length:  Year  Prerequisite: “C” or Better in Spanish III
Grade: 9-12  Grading Scale: Weighted  Credit: World Language

A grade of “B” or higher in Spanish III is required. Students will cultivate their knowledge of culture and language as they prepare for the AP Spanish Language and Culture exam. Using authentic materials, this course will integrate interpersonal, interpretive, and presentational communicative modes. The course instruction, classroom discussion, and written assignments will be in Spanish, and the students are expected to communicate in Spanish. This course incorporates interdisciplinary topics across six thematic units. An Exam fee is required for students in AP classes. Each AP exam is $94, with a discount for students receiving free or reduced lunch. All students enrolled in Advanced Placement classes are required to take the course AP exam in May. Additional fees may be assessed if the course is dropped after October 1st.

CSU-Pueblo Spanish 201

Credit: 0.5  Course Length:  Semester  Prerequisite: “B” or better in Spanish III or Teacher Recommendation (required for 10th grade) per CSU-P requirements, Parent approval
Grade: 10*-12  Grading Scale: Weighted  Credit: World Language, 3 College Cred.

This course is an advanced Spanish offering. The college-level course will help students reach the intermediate-mid proficiency level according to ACTFL guidelines. CSU-Pueblo focuses on the five “Cs” of communication: Communications, Cultures, Connections, Comparisons and Communities. To address these five major components, more emphasis will continue to be placed on communication, both oral and written. Skills will be refined in the four core language areas of listening, reading, writing and speaking. Upon successful completion of the course (a grade of C or better), students will receive three hours of college-level credit through CSU-Pueblo. Note: CSU-Pueblo 201 & 202 should be taken consecutively. Students who earn lower than a “C” will be required to pay for the class based on CSU-P Concurrent Enrollment tuition costs.

CSU-Pueblo Spanish 202

Credit: 0.5  Course Length:  Semester  Prerequisite: “B” or better in Spanish III or Teacher Recommendation (required for 10th grade) per CSU-P requirements, Parent approval
Grade: 10*-12  Grading Scale: Weighted  Credit: World Language, 3 College Cred.

This course is continuation of CSU-Pueblo Spanish 201. The college-level course will help students reach the intermediate-high proficiency level according to ACTFL guidelines. CSU-Pueblo focuses on the five “Cs” of communication: Communications, Cultures, Connections, Comparisons and Communities. To address these five major components, more emphasis will continue to be placed on communication, both oral and written. The student’s skills will be refined in the four core language areas of listening, reading, writing and speaking. Upon successful completion of the course (a grade of C or better), students will receive three hours of college-level credit through CSU-Pueblo. Note: CSU-Pueblo 201 & 202 should be taken consecutively. Students who earn lower than a “C” will be required to pay for the class based on CSU-P Concurrent Enrollment tuition costs.
PHYSICAL EDUCATION

Students participating and passing two full years of JROTC will be allowed to waive 1 Physical Education Credit. Students participating and completing 2 seasons of Marching Band will be allowed to waive 1 Physical Education Credit. All students must complete Health as a graduation requirement.

Health  11HLTH

Credit: 0.5  Course Length:  Semester  Prerequisite:  None
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Physical Education (Health Req)

The Health Course is required for graduation and ideally should be taken in 9th grade. This class consists of risk assessment, self-assessment, communication, decision-making, goal setting, health advocacy, health self-management, sexuality and relationships, and proper nutrition.

Team Sports  07TEAM

Credit: 0.5  Course Length:  Semester  Prerequisite:  Intro to Physical Education
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Physical Education

Team Sports is a class that is designed to train students to be active throughout their lifetime. It will provide basic physical fitness skills and a basis for future exercise. Each class period will be structured around giving the student a daily amount of cardiovascular activity. The class will always start with an element of physical fitness, specifically on Fridays, which will be a fitness day only. This class will also have an element that includes a focus on the following course topics: Aerobics, Flag Football, Soccer, Softball, Lacrosse, Ultimate Frisbee, Tennis, Golf, Orienteering, Pedometers, Basketball, Floor Hockey, Team Handball, Volleyball, Badminton, Bowling, Pickle Ball, Team Games, Dancing, Self Defense, Kickboxing, and Pilates or Yoga. These units may be provided on a bi-weekly basis. Each sports or activity will have a written synopsis of every sport, including an assessment at the end of every unit.

Advanced Team Sports  07ATS

Credit: 0.5  Course Length:  Semester  Prerequisite:  Intro to Team Sports
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Physical Education

This class is for students seeking advanced game play for team sports. This class will have strategies for a variety of team sports to include the following course topics: Flag Football, Softball, Soccer, Ultimate Frisbee, Hockey, Lacrosse and other team related activities. Students will also receive conditioning based on the sport or activity twice every week for the semester.
Sports Officiating and Management

Credit: 0.5  Course Length: Semester  Prerequisite: Intro to Physical Education
Grade: 10-12  Grading Scale: Unweighted  Credit: Physical Education

This class will provide students with the opportunity to learn the rules, regulations, scoring and officiating of a variety of sports. This is a class that requires a prerequisite of Intro to PE and will provide an additional elective credit for upperclassman that have already met the PE requirements to graduate. This class will introduce scoring and officiating to a variety of sports to allow students to be able to gain knowledge and experience in order to potentially work in this type of setting. The students will have the opportunity to be certified to score and officiate games at different levels. This course will also provide the students with opportunities to get community service hours. Some of the sports that will be covered in this class include football, basketball, baseball/softball, volleyball, soccer, and more. Students will receive a hands-on approach to learning the rules and regulations of these sports, as well as the skills and experience of scorekeeping and officiating these sports. They will have the opportunity to gain experience within the community at different locations, including but not limited to the YMCA, SoCo Gyms, and gyms on Fort Carson, as well as here at the high school. The students will be graded and evaluated on their knowledge and skill level. They will be given a written test in addition to their evaluations from in-game situations. There will also be a requirement of developmental hours to develop their skills in a hands-on environment of officiating and scorekeeping in the respective sports. The students will be evaluated by the teacher as well as by their on-site mentor.

Aerobic/Yoga/Fitness

Credit: 0.5  Course Length: Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Physical Education

This class will explore the benefits of fitness through aerobic exercises, yoga, and other general fitness activities. Students will have a variety of activities which covers their general fitness and health as well as personal goals of fitness. The class will cover the benefits of aerobics by giving the students structured programs which highlight fitness and wellness. We will be incorporating a variety of aerobic exercises which will help students develop a higher fitness level.

Aerobics, Yoga and Fitness II

Credit: 0.5  Course Length: Semester  Prerequisite: Aerobics, Yoga and Fitness (AYF) I
Grade: 9-12  Grading Scale: Unweighted  Credit: Physical Education

This class will build upon prior knowledge from the previous AYF class. The benefits of fitness through aerobic exercises, yoga, and other general fitness activities will be covered in an advanced setting. Students will have a variety of activities which covers their general fitness and health as well as personal goals of fitness. The class will cover the benefits of aerobics by giving the students structured programs which highlight fitness and wellness. We will be incorporating a variety of aerobic exercises which will help students develop a higher fitness level.
Introduction to Weight Training & Cardio Fitness 07IWT

Credit: 0.5  Course Length:  Semester  Prerequisite:  None  Grade: 9-12  Grading Scale:  Unweighted  Credit:  Physical Education

This course will be in an introduction to weight lifting and cardiovascular fitness. Students will get an overview of muscular function, how muscles work, how they grow, and the nutrition necessary to propel muscular growth while burning fat. Students will learn proper safety techniques which will give them the knowledge needed to exercise throughout a lifetime.

Adv. Weight Training & Cardio Fitness 07AWT

Credit: 0.5  Course Length:  Semester  Prerequisite:  Beginning Weight Training  Grade: 10-12  Grading Scale:  Unweighted  Credit:  Physical Education

This course is a continuation of beginning weight training. This class will have advanced technical Olympic style lifts in addition to the traditional weight training lifts. The students will receive an expansion of knowledge on how the muscles perform and the effects exercise has on the body. Students will apply these principles to develop an individual fitness plan and work towards their goals during class. Students will develop responsible behavior work ethic through daily independent workouts.

Cross Fit 07CFIT

Credit: 0.5  Course Length:  Semester  Prerequisite:  Introduction to Weight Training & Teacher Approval  Grade: 9-12  Grading Scale:  Unweighted  Credit:  Physical Education

This course is a continuation of beginning weight training. This class will have advanced technical Olympic style lifts in addition to the traditional weight training lifts. The students will receive an expansion of knowledge on how the muscles perform and the effects exercise has on the body. Students will apply these principles to increase overall athleticism and cardiovascular fitness.

Women’s Weight Training & Cardio Fitness 07WGTW

Credit: 0.5  Course Length:  Semester  Prerequisite:  Team Life I, Female Only  Grade: 10-12  Grading Scale:  Unweighted  Credit:  Physical Education

This course will be in an introduction to weight lifting and cardiovascular fitness. Students will get an overview of muscular function, how muscles work, how they grow, and the nutrition necessary to propel muscular growth while burning fat. Students will learn proper safety techniques which will give them the knowledge needed to exercise throughout a lifetime.
Athletic Weights

Credit: 0.5  Course Length: Semester  Prerequisite: Teacher Recommendation
Grade: 9-12  Grading Scale: Unweighted  Credit: Physical Education

This course is designed for male athletes who are actively involved in a high school sport. This class will provide knowledge and skills that will enhance their performance and their longevity as an athlete. This course is designed on the following aspects:

1. **Injury Prevention**: prevent non-contact injuries by strengthening the core and other muscles
2. **Strength Development**: Strength performance, speed enhancement drills, agility drills, ladder drills, and plyometrics
3. **Cardiovascular Fitness**: aerobic/anaerobic exercises or activities as well developing muscular and joint flexibility.
4. **Additional Items**: Students will also be exposed to several concepts in anatomy, physiology, and kinesiology. They will need to complete written assignments as part of their grade. Pre and post testing for the main core lifts and Fitness Testing must also be completed by showing improvement in all areas.
5. **Nutrition**: We will also cover Sports Nutrition specific for the male athletes and the importance of fueling your body in the proper way. (Your performance is directly related to your nutrition habits)
6. **College Recruiting**: we will go over items relevant to college recruiting and the process of playing at the next level.

Women’s Athletic Weights

Credit: 0.5  Course Length: Semester  Prerequisite: Teacher Recommendation
Grade: 9-12  Grading Scale: Unweighted  Credit: Physical Education

This course is designed for female athletes who are actively involved in a high school sport. This class will provide knowledge and skills that will enhance their performance and their longevity as an athlete. This course is designed on the following aspects:

7. **Injury Prevention**: prevent non-contact injuries by strengthening the core and other muscles
8. **Strength Development**: Strength performance, speed enhancement drills, agility drills, ladder drills, and plyometrics
9. **Cardiovascular Fitness**: aerobic/anaerobic exercises or activities as well developing muscular and joint flexibility.
10. **Additional Items**: Students will also be exposed to several concepts in anatomy, physiology, and kinesiology. They will need to complete written assignments as part of their grade. Pre and post testing for the main core lifts and Fitness Testing must also be completed by showing improvement in all areas.
11. **Nutrition**: We will also cover Sports Nutrition specific for the female athletes and the importance of fueling your body in the proper way. (Your performance is directly related to your nutrition habits)
12. **College Recruiting**: we will go over items relevant to college recruiting and the process of playing at the next level.

Introduction to Swimming

Credit: 0.5  Course Length: Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Physical Education

Students will learn and be able to demonstrate competency in the basic beginner skills required for passing the American Red Cross Aquatics Skill Levels I-II: freestyle, backstroke, and elementary back. Students will learn and be able to demonstrate basic water safety skills of treading water, beginner diving skills, and how to use designated pieces of rescue equipment. Students will learn and demonstrate proper techniques for catching, throwing, and dribbling a water polo ball.
Swim I

Credit: 0.5  Course Length:  Semester  Prerequisite:  Intro to Swim and/or Teacher Recommendation
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Physical Education

Swim I students must already have the ability to swim as this class will refine strokes and prepare for Swim II. Students must have passed Introduction to Swimming with a minimum of B or have course instructor’s approval. Students will refine and be able to demonstrate competency in all aquatic skills required for passing the American Red Cross Aquatics Skill Level IV. Students will be able to demonstrate basic water safety skills of treading water for one minute and how to use designated pieces of rescue equipment. Students will learn and demonstrate competency in three competitive swim strokes: freestyle, backstroke, and breaststroke, including the proper start and turn. Students will refine and demonstrate proper technique for catching, throwing, and swimming with a water polo ball and be able to play and officiate an official game.

Swim II

Credit: 0.5  Course Length:  Semester  Prerequisite:  Swim I & Teacher Recommendation
Grade: 10-12  Grading Scale:  Unweighted  Credit:  Physical Education

Swim II students must have passed Swim I with a minimum grade of a B or have approval from the course instructor. In order to be enrolled in the course, students need to be able to perform a 300 yard continuous swim using front crawl, breaststroke, or a combination of the two while maintaining forward progress. Students should also be able to tread water for two minutes with head remaining above water. Swimming on the back or side is not permitted. Students will learn and demonstrate competency in the following skills; advanced swim strokes, freestyle, backstroke, elementary back, side stroke, breaststroke, butterfly, diving skills, aquatic life saving skills, CPR, use of an AED, and first aid skills. Students are responsible for paying course materials and fees. The cost is $15, which provides an individual CPR kit for each student. Fee payments may be arranged on an individual basis. Students will have the option to become lifeguard certified, once the course is completed.

Partners in PE-Mentor

Credit: 0.5  Course Length:  Semester  Prerequisite:  Intro to PE, Teacher Recommendation, Application
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Physical Education

Students considering a career in teaching are encouraged to enroll in this course. Peer assistants will work closely with students with a disability at FFCHS to provide help with physical activities in an athletic setting. Students should have a desire to help their fellow students. Students may enroll in this course repeatedly for credit.
Partners in Yoga-Mentor

Credit: 0.5  Course Length:  Semester  Prerequisite: Intro to PE, Teacher Recommendation, Application
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Physical Education

Students considering a career in teaching are encouraged to enroll in this course. Peer assistants will work closely with students with a disability at FFCHS to provide help with a number of different yoga poses. Peer mentors should have a basic knowledge of Yoga poses as well as understand that they will assist their partners in the Yoga poses as well as be able to demonstrate the pose to their partner. Students should have a desire to help their fellow students. Students may enroll in this course repeatedly for credit.

Partners in Swim-Mentor

Credit: 0.5  Course Length:  Semester  Prerequisite: Intro to PE, Teacher Recommendation, Application
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Physical Education

Students considering a career in teaching are encouraged to enroll in this course. Peer assistants will work closely with students with a disability at FFCHS to provide help with physical activities in an athletic setting. Students should have a desire to help their fellow students. Students may enroll in this course repeatedly for credit. Students must be able to lift at least 50 pounds and be a proficient to advanced swimmer. This class can be taken by teacher recommendation only.
Students will improve reading skills through effective research based instruction. Instructional strategies are related directly to remediation. Strategies are designed to give learners the skills, competencies or behaviors they need to improve their reading performance. Strategies are chosen on the basis of careful analysis of a student’s needs. Students will learn basic sight words, word attack skills, phonemic awareness, comprehension, and increase reading rate through direct instruction. Students may enroll in this course repeatedly for credit.

Juniors and Seniors in Literacy Enhancement will improve reading skills through effective research based instruction. Instructional strategies are related directly to remediation. Strategies are designed to give learners the skills, competencies or behaviors they need to improve their reading performance. Strategies are chosen on the basis of careful analysis of a student’s needs. Students will learn basic sight words, word attack skills, phonemic awareness, comprehension, and increase reading rate through direct instruction. Students may enroll in this course repeatedly for credit.
GENERAL ELECTIVES

Student Council Leadership (Fall & Spring) 09STUCO1(Fall) 09STUCO2(Spring)
Credit: 0.5 (per Semester) Course Length: Year Long Prerequisite: Teacher Recommendation, GPA 3.0 or above
Grade: 9-12 Grading Scale: Unweighted Credit: Elective
Student Council is a yearlong course that will focus on leadership skills, community service, and promoting school culture. Students must complete an application process as well as a campaign process for officer positions. Students are expected to work around 50 hours outside of the school day for school events. Student Council will also work on fostering strong communication (written and oral) and interpersonal skills.

Student Aide 09STUAID
Credit: 0.5 Course Length: Semester Prerequisite: Teacher Rec, GPA 2.5 or above, no discipline referrals
Grade: 11-12 Grading Scale: Pass/Fail Credit: Elective
On a case by case basis, some seniors with less than a 2.5 GPA may be allowed to be a student aide during the second half of their senior year. On a case by case basis, students may request one (1) aide period per semester. Students must have approval from the instructor for whom they will be an aide as well as their school counselor. The approving instructor and the student’s school counselor will confirm student aide placement by signing a Student Aide Form, which can be obtained in the Counseling Center. Students will grade papers, enter data, clean, run errands, type, organize, file, and other duties as assigned. Grade for this class is pass/fail. A passing grade will not positively or negatively affect a grade point average. A failing grade, however; will negatively affect the grade point average. Students may not be aides during a teacher’s planning period or Professional Learning Community (PLC) period.

Epistemology/Research Methods 09GT1(Spring only)
Credit: 0.5 Course Length: Semester (Sem.2) Prerequisite: GT Facilitator/Counselor Recommendation
Grade: 9-12 Grading Scale: Unweighted Credit: Academic Elective
Epistemology is the study of our method of acquiring knowledge and answers the question, "How do we know?" It encompasses the nature of concepts, the constructing of concepts, the validity of the senses, logical reasoning, as well as thoughts, ideas, memories, emotions, and all things mental. The course is concerned with how our minds are related to reality, and whether these relationships are valid or invalid. Course activities will include readings, small group and class discussions, journal entries, and presentations. All activities are designed to help students apply what they learn in epistemology to their other classes and life. We will also focus on academic research and study methods. The final project will be an independent study that students design and present.

Academic Independent Study 09INSTUACAD
Credit: 0.5 Course Length: Semester Prerequisite: Epistemology/RM, GT Facilitator/Counselor Recommendation
Grade: 10-12 Grading Scale: Unweighted Credit: Depends on area of study
The prerequisite of this class is successful completion of Epistemology/Research Methods. Independent study involves choosing a problem or topic that has particular meaning for the individual and following it to a point where it satisfies his or her curiosity. The purpose of an academic independent study is to enrich the curriculum for the more highly motivated, independent, and self-reliant learner and to encourage students to pursue a self-directed intellectual inquiry. The course is also able to provide an opportunity to study an established subject to a level beyond the existing curriculum to study an area not presently included in our course offerings.
Service Learning

Credit: 1.0  Course Length:  Year  Prerequisite:  Teacher Recommendation
Grade: 9-12  Grading Scale:  Unweighted  Credit:  Depends on area of study

Service learning is a method of learning wherein students perform service in the community to meet the real needs as a means of learning material. An introductory unit presents instruction on the nature of service learning. Students are taught how to identify community needs, select projects that are meaningful to themselves, apply practical skills, reflect on their learning experience, and behave responsibly in a service setting. Students then move on to design and conduct service learning experiences of their own, according to the requirements of their projects.

AVID 9

Credit: 1.0  Course Length:  Year  Prerequisite:  Student Application and Interview
Grade: 9  Grading Scale:  Unweighted  Credit:  Academic Elective

The 9th grade Achievement Via Individual Determination (AVID) elective class prepares students for college readiness and helps them adjust to the high school setting. Students will work on refining study skills, test-taking skills, note-taking, and research techniques. Students will set academic and personal goals and be required to use a binder & planner. The class incorporates strategies focused on writing, inquiry, collaboration, organization, and reading. Students will participate in tutor-facilitated study groups and motivational activities to prepare them for academic success. They will learn how to participate in collegial discussions and use sources to support their ideas and opinions with an emphasis on analytical and thesis writing. Additionally, they will explore research for a college project which will include financial topics and building knowledge of colleges and careers of interest. There will be field trips and presentations throughout the year in which students will take an active role in identifying their path to higher education. A requirement for the class is to be enrolled in a Pre-AP or AP class.

AVID 10

Credit: 1.0  Course Length:  Year  Prerequisite:  Student Application and Interview
Grade: 10  Grading Scale:  Unweighted  Credit:  Academic Elective

During the 10th grade AVID Elective course, students will refine the AVID strategies to meet their independent needs and learning styles. As students increase the rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. All students in AVID 10 are required to be enrolled in at least one (1) AP or Pre-AP class. Students will expand their writing portfolio to include the following: 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 and preparation. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals. Units of study will continue to prepare students for College and Career Readiness. Our units of study include Vocabulary Enhancement, Argumentative Essay writing, Career Research, and Community Service.
AVID 11

Credit: 1.0  Course Length:  Year  Prerequisite:  Student Application and Interview
Grade: 11  Grading Scale:  Unweighted  Credit:  Academic Elective

The 11th grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first-year and second-year college students. Each week, students receive instruction that utilizes a rigorous college-preparatory curriculum, tutor-facilitated study groups, motivational activities, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. In addition to the academic focus, there are college-bound activities, methodologies, and tasks that should be undertaken during the junior year to support students when they apply to four-year universities and confirm their postsecondary plans. Students in AVID 11 will be enrolled in an AP or Dual Enrollment class.

AVID 12

Credit: 1.0  Course Length:  Year  Prerequisite:  Student Application and Interview
Grade: 12  Grading Scale:  Unweighted  Credit:  Academic Elective

The AVID Elective 12th grade course is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first-year and second-year college students. Each week, students receive instruction utilizing a rigorous college preparatory curriculum, tutor-facilitated study groups, motivational activities, and academic survival skills. The AVID course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking, and research. In addition to the academic focus, 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. Students in AVID 12 will be enrolled in an AP or Dual Enrollment class.

AVID Tutor

Credit: 0.5  Course Length:  Semester  Prerequisite:  Student Application and Interview
Grade: 11-12  Grading Scale:  Unweighted  Credit:  Academic Elective

AVID tutor is a class designed for high achieving students to give back to FFCHS. Students will engage in AVID style tutoring sessions in the AVID classroom twice a week. For the non-AVID class sessions, students will facilitate tutoring sessions with other mathematics classes. A student must be a junior or senior, have Advanced Placement (AP) classes, maintain a high GPA of 3.0 or better, and be on-track for graduation.
SPECIAL EDUCATION

The Individuals with Disabilities Education Act (IDEA) requires that a multidisciplinary Individualized Education Plan (IEP) team (a group of qualified professionals and the parents) determine if a child has a disability that requires special education services. Evaluation data and information from a variety of sources are used by the IEP team to determine if the child meets State and Federal eligibility criteria. All members of the IEP team, including parents, have the right to dispute this determination. Eligibility requires that a condition prevents the student from receiving reasonable educational benefit from general education.

Placement depends on IEP. Center-based classes, resource classes, and itinerant support in the regular classes are available based on the student’s IEP. Other required classes will be taught with assistance in the regular education classroom with support as needed. Elective courses may be used to award credit in core areas on a case-by-case basis according to unique student needs. Decisions are driven by IEP documentation of disability that may affect performance in core classes for which limited substitutes are available. In order for a class to be considered a suitable substitute, it must clearly address Colorado Academic Standards in the designated content area.

Areas of Eligibility Include:
- Intellectual Disability
- Specific Learning Disability
- Hearing Disability
- Orthopedic Impairment
- Deaf/Blind
- Vision Disability
- Other Health Impairment
- Speech / Language Disability
- Multiple Disabilities
- Autism Spectrum Disorder
- Serious Emotional Disability
- Other Health Impairment

More information about disability categories and eligibility can be found at www.ffc8.org or at

Colorado Department of Education (CDE)
Exceptional Student Services Unit
201 East Colfax Avenue
Denver, Colorado 80203-1799
CDE Main Phone: 303.866.6600
www.cde.state.co.us

FFCHS provides a continuum of special education services and placement and depends on Individualized Education Plans. The following courses are available only to students with Individualized Education Plans / IEPs. Some courses may be used as core credit on an individual basis.
**Functional Language Arts 9-12**

Meets language arts requirement (1 credit)
This course is designed to encourage students to work on reading and writing skills at their individual level. This course strives to prepare students with the functional skills to be successful in the real world. This course incorporates Basic Skills Curriculum, News2You, and Unique Learning System.

**LA 9/Freshman Language Arts**

Meets language arts requirement (1 credit)
Students will work on the communication areas of reading, writing, speaking, and listening. The writing strategies will be used to focus on ideas, organization, word choice, voice, sentence fluency, and conventions in writing, which include spelling, punctuation, grammar, and usage. Students will complete various projects and give oral presentations. Literature studies will focus on short stories, poetry, novels, and drama. Instruction is aligned with Colorado grade level standards and will prepare students for the state assessment.

**LA 10/Sophomore Language Arts**

Meets language arts requirement (1 credit)
Students will read a variety of short stories, poetry, essays, novels, and dramas. The selected literature will be used to encourage reflections, personal responses, critical thinking, and literary analysis. The district curriculum will be followed, but accommodations and modifications will be implemented. Students will complete various projects based upon the selected literature. Grammar, usage and mechanics, vocabulary, and oral presentations will also be taught. Instruction is aligned with Colorado grade level standards and will prepare students for the state assessment.

**LA 11-12/Junior-Senior Language Arts**

Meets language arts requirement (1 credit)
Students will read a variety of short stories, poetry, essays, novels, and dramas that are focused around the areas of American and British Literature. The selected literature will be used to encourage reflections, personal responses, critical thinking, and literary analysis. District curriculum (Spring Board) will be followed, but accommodations will be placed into the class. Students will complete various projects based upon the selected literature. Grammar, usage and mechanics, vocabulary, and oral presentations will also be taught.

**Functional Math 9-12**

Meets math requirement (1 credit)
This course is designed to encourage students to work on basic math skills, money, time, and measurement at their individual level. This course strives to prepare students with the functional skills to be successful in the real world. This course incorporates a variety of texts depending on grade level and activity including, but not limited to, the following: many hands-on activities using real money, flash cards, games, a basic skill curriculum, touch math, and basic menu math. The Unique Learning System is also incorporated to help with repetitions of math concepts.
Math 30

Meets math requirement (1 credit)
This is a remedial course geared to support students that are working on basic mathematics skills. This course strives to prepare students with the functional skills to be successful in the real world. This course incorporates repetition and online practice of mathematics concepts. This course is designed for students working on Colorado Academic Standards Extended Evidence Outcomes.

Math 60

Meets Math requirement (1 credit)
This is a remedial course designed to develop the application of basic operations in building foundational algebraic skills. This course is designed for students working on Colorado Academic Standards and Colorado Academic Standards Extended Outcomes.

Pre-Algebra Modified

Meets Math requirement (1 credit)
This course encompasses many mathematical concepts essential for success in Algebra 1. Students represent a real-world context with fractions; analyze sequences containing mathematical operations; interpret and simplify the square and cube of a number; convert between fractions, decimals, and percent; write algebraic models from a variety of physical numeric, and verbal descriptions; solve equations using a variety of methods; functions; justify answers using precise mathematical language; relate constant rate of change to verbal, physical, and algebraic models; use technology to solve problems; and reinforce and extend vocabulary of probability and statistics. This course is aligned to all State, Colorado Academic Standards (CAS), and Scholastic Assessment Test (SAT) standards and will strengthen students’ foundational algebra skills for success in further mathematics courses.

Algebra 1 Modified

Meets Math requirement (1 credit)
This secondary level course will focus on the fundamental skills of algebra. National, State, and District academic content standards will be addressed by covering properties, linear equations, functions, linear inequalities, systems of equations and inequalities, quadratic equations and functions, polynomials and factoring. Problem solving, analysis, critical and visual thinking, mathematical and spatial reasoning, and real-world application strategies will be emphasized.

Geometry Modified

Meets Math requirement (1 credit)
This course will focus on the three key aspects of geometry: measuring, reasoning, and applying geometrical ideas, and solidify Algebra I skills. This course is geared to support students in multiple areas in order to be successful in Geometry. Students in this course will acquire and demonstrate proficiency in reasoning and proof, perpendicular and parallel lines, congruent triangles and properties of triangles, quadrilaterals, transformations, similarity, right triangles, and circles. Students will also demonstrate mastery of fundamental algebra, fundamental probability, and statistics concepts. Problem solving, analysis, critical and visual thinking, mathematical and spatial reasoning, and real-world application strategies will be emphasized.
**Consumer Math**

Meets Math requirement (1 credit)
This course is designed to teach students financial responsibility. This course helps students determine a monthly budget, apply for jobs, and explore insurance options. Additionally, a heavy emphasis on real-world applications is provided through this course. This course aligns with grade-level standards.

**Consumer Math 2**

Meets Math requirement (1 credit)
This course is designed to teach students how to plan for real-life scenarios regarding taxes and how taxes are used in understanding staffing requirements in regards to employments, cost and profit, supply and demand, cost of shipping, and budgeting and planning. This course aligns with grade-level standards.

**Science 9-12**

Science (1 credit)
This course applies a broad, conceptual understanding of earth, life and physical science. This course is designed to allow students the opportunity to immerse themselves in topics guided through the Colorado State Science Standards. Students with an IEP may take this course yearly. Units are rotated, so the students are exposed to new material on a yearly basis. Topics may include physical science, Newtonian laws of motion, chemistry, food science, genetics, science in the news, science history, geology, biology, and/or ecology. Placement in this course is dependent of the services within the student’s IEP.

**Global/World 9/10**

Social Studies (1 credit)
This course will combine geography and the Modern World History course for students within the special education program to access general education curriculum with remedial academic support. Instruction will address speaking, reading, writing, researching, and problem solving skills using content from freshman and sophomore level social studies classes. For global geography, students will learn a broad overview of the major regions of the world. There will be an emphasis on the increasing relationships of people and places due to the influences of globalization on world trade, travel, communication, culture, government, and the natural environment. The course will introduce skills including but not limited to individual responsibilities and participation. For the Modern World History course, students will examine world history within a chronological and topical approach to understand social, political, ideological and scientific events and their effect on the world beginning in ancient times to modern day.
Social Studies (1 credit)
This course will contain components of both United States history and U.S. Government and economics for students within the special education program to access general education curriculum with remedial academic support. Instruction will address speaking, reading, writing, researching and problem solving skills using content from junior and senior level social studies classes. This course will explore the history of the United States from the European settlement through the modern time. Social Studies 11/12 will focus on the study of federal, state, and local branches of our government, with an emphasis on the individual's responsibilities and participation. The student will develop an understanding of global issues and trends including current political, social, and economic events.

Work Study

Elective (1 credit)
*Can be designated in another core area based upon job description and student application for credit in the identified area.
Prerequisite: Individual Education Plan with work experience identified as a need or course of study, successful completion of Vocational Exploration B with a grade of “C” or teacher referral based on cognitive ability or unique student needs.
Students will be provided with a number of real-life work experiences; be taught transferrable skills necessary for a variety of job placements; and build a well-developed resume and create community connections with possible future employers. Throughout the year, we will access the community for work, educational, and leisure activities. During the school day, transportation will be provided.

Transition Issues A

Elective (.5 credit)
During this course, students will be focusing on topics that they face when advocating for personal needs, making decisions about their personal life choices, and disclosing disabilities. Students will self-analyze their strengths, weaknesses, needs, and preferences. Students learn to use person first vocabulary; relate personal abilities, wants, and needs; self-advocate in the classroom and community; and disclose their disabilities appropriately in the community and workforce. Students will develop a postsecondary plan including goals for training, career, and their personal lives as part of this course.

Peak Skills I

Elective (1 credit)
*Social Studies (may count as others based on content)
The PEAK course is a social development course designed to develop students’ social and emotional skills to enhance learning. Topics covered in class include, but are not limited to, conflict resolution, peer relationships, rules and regulations, motivation, leadership, and positive social interactions.

Peak Skills II

Elective (1 credit)
*Social Studies (may count as others based on content)
PEAK Skills II is the secondary course to grow and maintain social/emotional development. This course will ensure skills relating to effective thinking, problem solving, stress management, positive living, and progress towards individual social/emotional SMART and/or IEP goals.
Dynamics of Choice-Making (DOC) 09DISC

Elective (1 credit)
*Social Studies (Psychology equivalent) or Language Arts or Science

The purpose of the class is to help teens develop emotional intelligence and the following areas:
1. Understand the dynamics of personal choices,
2. Understand how important personal choices are, both for today, and for the future, and
3. Develop the skills needed for making wise choices at school, home, work, and in relationships.

Areas of study include the following topics: The 10 P’s and team skills required for success in school and work; skills to deal with anger and reasons to choose to use those skills; the five transactional methods of human interaction; the importance of self-care; and successful conflict resolution practices.

Adaptive Swimming 12ASWIM

Credit: 0.5  Course Length: Semester  Prerequisite: Center-Based Teacher Recommendation
Grade: 9-12  Grading Scale: Unweighted  Credit: PE

Adaptive Swim is primarily for students who have special needs and/or disabilities. It focuses on basic swimming skills and water safety. Students will engage in learning strokes such as freestyle, backstroke, and survival strokes. Students will learn to swim underwater safely and learn water safety skills for aquatic environments.

Partners in Art 06PART

Credit: 0.5  Course Length: Semester  Prerequisite: Center-Based Teacher Recommendation
Grade: 9-12  Grading Scale: Unweighted  Credit: Fine Art

This course focuses on social and hands-on support in learning about a variety of art mediums in a studio setting. Students will work closely with mentors to create a variety of projects incorporating painting, drawing, paper mache, and other mediums with an emphasis on process-oriented art. Tools and materials are adaptable to meet the ability level of students with a variety of physical needs. This course strives to give students enjoyment of the arts, while building relationships with mentor students.

Partners in Cooking 08PCOOK

Credit: 0.5  Course Length: Semester  Prerequisite: Center-Based Teacher Recommendation
Grade: 9-12  Grading Scale: Unweighted  Credit: Elective

This course is designed to encourage students to work on social and living skills which are essential for employment and life. This course strives to prepare students with the functional skills to be successful in the real world. This adapted basic introductory class explores safety, sanitation, basic cooking and baking techniques, as well as the culture of and behind food. It includes, but is not limited to, many hands-on activities, especially food safety and proper sanitation, how to cook simple recipes, creating a personalized cookbook, and more. The differentiated curriculum used in “Cooking to Learn” which is specifically designed for students with special needs.
Partners in Music

Credit: 0.5 Course Length: Semester Prerequisite: Center-Based Teacher Recommendation
Grade: 9-12 Grading Scale: Unweighted Credit: Fine Art

This course focuses on social and hands-on support in learning music. Students will work closely with mentors to engage in singing and/or musical instruments. This course strives to give students enjoyment of music, while building relationships with mentor students.

Partners in Physical Education

Credit: 0.5 Course Length: Semester Prerequisite: Center-Based Teacher Recommendation
Grade: 9-12 Grading Scale: Unweighted Credit: PE

This course focuses on social and hands-on support in physical education. Students will work closely with mentors to engage in various physical activities. This course strives to give students enjoyment of physical activities, sports, teamwork, and cooperation, while building relationships with mentor students.

Partners in Yoga

Credit: 0.5 Course Length: Semester Prerequisite: Center-Based Teacher Recommendation
Grade: 9-12 Grading Scale: Unweighted Credit: PE

This course focuses on social and hands-on support in learning yoga. Students will work closely with mentors to engage in yoga poses, stretching and breathing techniques. This course strives to give students enjoyment of physical activities, teamwork, and cooperation, while building relationships with mentor students.

ACE

Alternative Cooperative Education (ACE) Employability courses help students raise their awareness prior to entering the workforce through career exploration, job search and application, development of positive work attitudes, and work-related skills. Topics presented and resources utilized in this course are aptitude and job interest inventories, goal sheets, classroom vocational activities, understanding salary and minimum wage, appropriate work attire, responsibilities and how to complete the workplace tasks, and appropriate communication, and self-advocacy in the workplace. Students will gain the necessary awareness through staff modeling and supported participation.

CD-I ACE Career Development I-Career Planning

Credit: 0.5 Course Length: Semester Prerequisite: None
Grade: 9-12 Grading Scale: Unweighted Credit: Elective

As developmentally appropriate, this course (or series of courses) is designed for students to create an individual, initial career plan that outlines steps to reach their career goal. Students will identify a career goal based upon results of various assessments, i.e. interest survey, aptitude evaluation, academic skills, learning styles, and work preferences. Students will also investigate the training and educational requirements (academic planning & postsecondary options) for their chosen career field. Students should be able to articulate short-term action necessary to achieve the goal(s) in their career plan including intentional academic planning; high school choices based on self-awareness; as well as career exploration and postsecondary aspirations. Whenever possible, computer literacy skills and leadership skills tied to a Career and Technical Student Organization (CTSO) should be embedded into the curriculum.
CD-II ACE Career Development II-Job Seeking

Credit: 0.5  Course Length:  Semester  Prerequisite: None
Grade: 9-12  Grading Scale:  Unweighted  Credit: Elective

As developmentally appropriate, this course (or series of courses) is designed for students to create an individual, initial career plan that outlines steps to reach their career goal. Students will identify a career goal based upon results of various assessments, i.e. interest survey, aptitude evaluation, academic skills, learning styles, and work preferences. Students will also investigate the training and educational requirements (academic planning & postsecondary options) for their chosen career field. Students should be able to articulate short-term action necessary to achieve the goal(s) in their career plan including intentional academic planning; high school choices based on self-awareness, as well as career exploration and postsecondary aspirations. Whenever possible, computer literacy skills, and leadership skills tied to a CTSO should be embedded into the curriculum.

WE-I ACE In-School Work-based Learning

Credit: 0.5  Course Length:  Semester  Prerequisite: None
Grade: 9-12  Grading Scale:  Unweighted  Credit: Elective

As a prerequisite, students should have already taken or be simultaneously enrolled in the ACE Career Development (CD I-III) course sequence. As developmentally appropriate, this course (or series of courses) is designed to develop students’ basic employment skills by participating in an in-school work/school based enterprise experience. A training plan and evaluation (to be filled out by the supervisor/employer) will be developed listing job specific technical skills the student will learn during the experience. Hours worked will be documented. Students will demonstrate levels of self-awareness, career exploration, postsecondary option knowledge, and employability skills. ACE teachers serves as a coach and mentor checking in with supervisor/employer regularly.

WE-II ACE Community Work-based Learning

Credit: 0.5  Course Length:  Semester  Prerequisite: CD1 or CD2 or Teacher Recommendation
Grade: 9-12  Grading Scale:  Unweighted  Credit: Elective

As a prerequisite, students should have already taken or be simultaneously enrolled in the ACE Career Development (CD I-III) course sequence. As developmentally appropriate, this course (or series of courses) is designed for students to enhance employment skills by participating in a community-based work experience (paid or unpaid). A training plan and evaluation (to be filled out by the supervisor/employer) will be developed listing job specific technical skills. The student will learn during the experience. Hours worked will be documented. Students will demonstrate levels of self-awareness, career exploration, academic planning based on postsecondary aspirations and realistic options, employability skills, and environmental expectations. ACE teachers serves as a coach and mentor checking in with supervisor/employer regularly.
PWR-I ACE Success Foundations

Credit: 0.5  Course Length:  Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Elective

This course focuses on personal/self-awareness. This class is designed to help students explore and develop the personal and academic skills that are foundational to successful transition into the working world. Teachers will facilitate students learning and implementing academic discipline skills, mindsets, and behaviors for successful academic course completion, and help them to identify methods for setting goals for personal improvement and continuous growth in an academic area, and explain the purpose of fundamental tools used to pursue a career path. Students will select critical thinking skills to make informed, ethical, and socially responsible choices and will also work on implementing essential routines for physical and mental health maintenance and personal safety, including emotion regulation, positive communication skills, decision-making, goal setting, time management, advocacy, problem solving, conflict resolution, self-awareness, personal responsibility, work ethic, stress management, and appropriate personal/social and conflict resolution skills. Students will investigate how all of these factors influence successful career habits. Students will also have the opportunity to determine personal interests, talents, goals and preferences for potential careers, and explore the connection between those interests and postsecondary workforce aspirations and options.

PWR-II ACE Success Systems

Credit: 0.5  Course Length:  Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Elective

This course focuses on self and social awareness. This class is designed to help students understand the relationship of their individual talents, interests, and dreams with others around them. Teachers will facilitate an understanding of personal learning styles, self-management, how skills and beliefs within multiple environments (peer, school, home) influence postsecondary options, and workforce readiness. Students will monitor and practice skills including personal responsibility, interpersonal skills including, but not limited to, collaboration, cooperation, social responsibility/citizenship, problem solving, work ethic, stress management, and how they are applied in a group/social environment. This course will allow students to identify specific environmental factors that influence their physical, emotional, and mental health in relation to their career choice, and to evaluate how applying critical thinking skills, collaboration, group problem solving, conflict resolution, and personal responsibility can impact any related social setting success. Students may match potential career opportunities in career clusters or plan a career path based on personal interests, goals, talents and preferences.

PWR-III ACE PWR Applications

Credit: 0.5  Course Length:  Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Elective

This class is designed to help students acquire the skills necessary for successful transition to their postsecondary working life. Students will learn to apply critical thinking and academic knowledge in order to create plans and potential solutions for problems in the workplace and community, and assess the pros and cons of personal decisions based on their anticipated impact on self, peers, employers, and community.
FL-II ACE Business Management & Entrepreneurship 09ACEBME

Credit: 0.5  Course Length: Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Elective

This course serves as an application of financial literacy, management of business, and entrepreneurship. As developmentally appropriate, this course (or series of courses) is designed for students to learn and practice financial literacy, decision-making, and management skills for their personal and professional lives. Students will understand and practice basic strategies to develop a business plan and organize and manage a business venture; accounting methodologies, budgeting and bookkeeping procedures, customer service, team building, and supervisory skills; and business and community networking strategies. They will become familiar with ownership and management structures and leadership styles. Students will develop a business plan and organize and manage a business venture. Whenever possible, computer literacy skills and leadership skills tied to a Career and Technical Student Organization (CTSO) should be embedded into the curriculum.

CL-II ACE Computer Literacy: Software Applications 09ACECLSA

Credit: 0.5  Course Length: Semester  Prerequisite: None
Grade: 9-12  Grading Scale: Unweighted  Credit: Elective

As developmentally appropriate, this course (or series of courses) is designed for students to expand their knowledge of Microsoft Windows and Office Suite applications. Students will receive hands-on experience in MS Windows, Word, Excel, PowerPoint and other programs. Topics covered include working with files, creating and formatting documents, form letters and mailing labels, advanced table techniques, and managing long documents. This course will also cover computer history, hardware, software and operating concepts. Students will analyze and critique web applications associated with securing employment such as job applications and employment search sites. Whenever possible, the appropriate use and safety of social media, internet ethics and exploration should be embedded into the curriculum.
ENGLISH LANGUAGE LEARNERS

Fountain-Fort Cason High School is committed to providing equal educational opportunities to all students. Inability to speak and understand the English language may prevent children from complete and effective participation in the general educational program. The English Language Learner (ELL) program has been developed to ensure that all students have equal access to the curriculum and equal opportunities to participate and succeed in the educational environment. Placement depends on a body of evidence which may include, but is not limited to, the following: screeners, WIDA ACCESS/ELPA scores, surveys, teacher and parent input, grades, and other standards-based assessments.

The goals of the ELL program focus on helping students with limited English skills do the following:
1. Attain high levels of cognitive academic language proficiency skills in English,
2. Meet the same state academic standards that all children are expected to meet, and
3. Develop pride in their cultural background and respect for all members of our multicultural community.

ELL Language Arts I

01ELL1

Credit: 1.0  Course Length: Year  Prerequisite: ELL Beginning Level, Teacher Recommendation
Grade: 9-12  Grading Scale: Unweighted  Credit: Language Arts

Students will work on communication in the areas of reading, writing, speaking, and listening. Various writing strategies will be used to focus on ideas, organization, word choice, voice, sentence fluency, and conventions in writing, which include spelling, punctuation, grammar, and usage. Students will complete various projects and give oral presentations. Literature studies will focus on short stories, poetry, novels, and drama. The selected literature will be used to encourage reflections, personal responses, critical thinking, and literary analysis. Instruction will be aligned to the district curriculum, but accommodations and modifications will be placed into the class. Instruction will prepare students for the Colorado State Assessment Program (PSAT/CMAS). Springboard is used as the primary curriculum.

ELL 1 & 2

00ELL1/00ELL2

Credit: 1.0  Course Length: Year  Prerequisite: Teacher Recommendation
Grade: 9-12  Grading Scale: Unweighted  Credit: Academic Elective

The English Language Learner 1 and 2 courses are designed for students whose primary language is not English and who are at a beginning level of English proficiency. Emphasis is placed on basic communication skills for everyday needs, the American school culture, academic language, reading and writing across the curriculum, and classroom survival skills. The content includes the development of listening and speaking skills. Vocabulary topics include math, science, history, social studies, and literature as well as the basic English needed for every day survival. It will also enhance the student’s ability to construct meaningful and grammatically correct sentences and paragraphs. Writing activities include sentence, paragraph, letter writing, notetaking, and some creative writing.
In these courses, all areas of communication are targeted and strengthened through the integrated learning of language and academic content. The content includes, but is not limited to, social and academic listening and speaking skills, critical reading strategies, and further development of the writing process. Vocabulary, syntax, verbal skills necessary for mastering content curriculum standards, and the world of work and/or higher education are presented and developed in context and in authentic situations.

**PPCC Career Start Program**

The Career Start Program at Pikes Peak Community College (PPCC) provides occupational skill development and training for juniors and seniors in high school. In addition to teaching career-technical skills, Career Start strives to prepare students for the world of work by teaching the related academics and workplace basics that are essential for employment. Instruction is provided in classrooms, laboratories, and in business and industry at the PPCC Centennial campus.

Students must attend the PPCC Career Start Visit Day in Spring Semester prior to the year of enrollment. Students must also complete the Career Start application with their counselor in Spring Semester prior to the year of enrollment. Students interested in the Career Start program must schedule a meeting with their assigned counselor.

Classes follow a typical 5-days-per week schedule and run two hours and forty minutes daily. While some programs offer a second year of Career Start curriculum, all programs can be continued at the collegiate level following graduation. The number of courses covered within each program varies, and only a grade of a “C” or better earns college credit. Transportation may be provided, but ultimately, it is the responsibility of the student to ensure their daily attendance. The following programs are currently offered to FFCHS students:

- Auto Collision Technology (ACT)
- Auto Service Technology (ASE)
- Construction (CON) –Not available
- Criminal Justice (CRJ)
- Cyber Security (CYB)
- Diesel Power Technology (DPT)
- *Early Childhood Education (ECE)
- Fire Science Technology (FST)
- Health Career Exploration (HCE)
- Health Science Technology (HST)
- Interior Design (IND)
- Sign Language Interpreter Prep (SLIP)
- Multimedia Graphic Design (MGD)
- Radio / Television (RTV)
- Welding (WEL)
- Zoo keeping (ZOO)

*Students must complete courses at FFCHS first in order to take PPCC Early Childhood Education (ECE)*

To view details on individual Career Start program offerings refer to the Career Start Course Descriptions. Space is limited and offered on an application basis. Applications are considered in the order that they are received. For registration information, students may set up an appointment with their counselor. For more information visit [http://www.ppcc.edu/prospective-students/high-school-programs/area-vocational-programs/prospective-students](http://www.ppcc.edu/prospective-students/high-school-programs/area-vocational-programs/prospective-students)
**CAREER START COURSES**

**Automotive Collision Technology (ACT)** 09AVPACT (A.M.)/09AVPACT (P.M.)

| Credit: 3 | Course Length: Year Long | Prerequisite: See Counselor |
| Grade: 11-12 | Grading Scale: Unweighted | Credit: Various, See Counselor |

This is a two-year program designed to provide students with the skills necessary to enter the field of auto collision repair or continuation in the postsecondary (college degree program.) Course work includes auto body repair, advanced refinishing, auto body rebuilding, and other related areas.

**Automotive Service Technology (ASE)** AVPCAR1 (A.M)/09AVPCAR1 (P.M)

| Credit: 3 | Course Length: Year Long | Prerequisite: See Counselor |
| Grade: 11-12 | Grading Scale: Unweighted | Credit: Various, See Counselor |

This is a two-year program designed to provide students with the skills necessary to enter the field of automotive repair or continuation in the postsecondary, college degree program. Course work includes automotive service technology-related theory and skills, related machining and electronic skills, applied academics, and other related areas.

**Criminal Justice Administration (CRJ)** 09AVPCJ1 (a.m. 1st year 09AVPCJ2 (p.m. 2nd year)

| Credit: 3 | Course Length: Year Long | Prerequisite: See Counselor |
| Grade: 11-12 | Grading Scale: Unweighted | Credit: Various, See Counselor |

This is a two-year program of instruction designed to offer entry-level skills as well as advanced, highly technical law enforcement methodology, or continuation in the postsecondary (college) degree program. Course work includes basic police patrol, police photography, crime lab techniques, crime scene investigations, and other related areas.

**Cyber Security (CYBER)** 09AVPCYBER

| Credit: 3 | Course Length: Year Long | Prerequisite: See Counselor |
| Grade: 11-12 | Grading Scale: Unweighted | Credit: Various, See Counselor |

This is a two-year program of instruction designed to offer entry-level skills as well as advanced, highly technical law enforcement methodology, or continuation in the postsecondary (college) degree program. Course work includes basic networking, cyber security principles, network security, and other related areas.

**Diesel Power Technology (DPT)** 09AVPDSL

| Credit: 3 | Course Length: Year Long | Prerequisite: See Counselor |
| Grade: 11-12 | Grading Scale: Unweighted | Credit: Various, See Counselor |

This is a two-year program designed to provide skills in several areas of diesel equipment, service, and repair. Students will be given training in several aspects of diesel equipment theory, applied academics, and hands-on service and repair. Course work includes diesel-power technology-related theory and skills, related machining skills, related electronic skills, and other related areas.
Early Childhood Education (ECE)

Credit: 3  Course Length: Year Long  Prerequisite: Completion of FFCHS ECE class  Grade: 11-12  Grading Scale: Unweighted  Credit: Various, See Counselor

This is a one-year program which enables the student to meet the educational qualifications for teacher's aide or assistant, and to continue in the postsecondary (college) degree program. Course work includes practical applications in verbal interaction with young children, practicums in community or college child care program, and other related areas.

Fire Science Technology (FST)

Credit: 3  Course Length: Year Long  Prerequisite: See Counselor  Grade: 11-12  Grading Scale: Unweighted  Credit: Various, See Counselor

This is one-year program of instruction designed to offer basic knowledge and training in the fire service career field. The courses of this program prepare students for continuation in a postsecondary (college) degree program. Course work includes fire behavior, fire suppression, rescue and extrication, and other related areas.

Multimedia Graphic Design (MGD)

Credit: 3  Course Length: Year Long  Prerequisite: See Counselor  Grade: 11-12  Grading Scale: Unweighted  Credit: Various, See Counselor

This is a two-year program designed to provide skills in multimedia and related fields or continuation in postsecondary (college) degree program. Course work includes drawing, computer software applications, design & color, design principles & elements, digital layout, interactive media, advertising & marketing, digital imaging, print media, HTML, and web design.

Zookeeping (ZOO)

Credit: 3  Course Length: Year Long  Prerequisite: See Counselor  Grade: 11-12  Grading Scale: Unweighted  Credit: Various, See Counselor

This is a one-year program designed to provide skills that will contribute to the growing knowledge and understanding necessary to maintain the world's zoological diversity. This program will open students to a new and rewarding world that values wildlife and habitats. Students can become part of an international movement where zoos are becoming a center for conservation, education, research, and where they are reinventing themselves to protect and re-establish endangered species.

Welding (WEL)

Credit: 3  Course Length: Year Long  Prerequisite: See Counselor  Grade: 11-12  Grading Scale: Unweighted  Credit: Various, See Counselor

This is a two-year program designed to provide entry-level skills in welding and related fields, or continuation in the postsecondary (college) degree program. Course work includes the following areas: oxyacetylene welding, shielded metal arc welding, gas metal arc welding, and other related areas.
Health Careers Exploration (HCE) 09AVPHCE

Credit: 3  Course Length: Year Long  Prerequisite: See Counselor
Grade: 11-12  Grading Scale: Unweighted  Credit: Various, See Counselor

This one-year program is designed for the mature, responsible students wishing to investigate health related careers. Students will have the opportunity to receive college credit for medical terminology, first responder, and training in career development.

Health Science Technology (HST) 09AVPHC

Credit: 3  Course Length: Year Long  Prerequisite: See Counselor
Grade: 11-12  Grading Scale: Unweighted  Credit: Various, See Counselor

This one-year program is designed for the mature, responsible student wishing to investigate health related careers. This course focuses on the basics of health care education and health care skills and training. Students completing this program may be eligible for certification and employment as nursing assistants.

Cosmetology (ISSA) 09AVPCOS/09AVPCOS2

Credit: 3  Course Length: Year Long  Prerequisite: See Counselor
Grade: 11-12  Grading Scale: Unweighted  Credit: Various, See Counselor

This course is offered through the International Salon and Spa Academy in Colorado Springs. Students will be prepared to take the Colorado State Board examination, to render service to patrons and conscientiously prepare to be an asset to future employers. Students choosing to attend will be expected to provide their own transportation. Students will commute to and attend classes during the school day, Monday through Friday. This course is approved and regulated by the Colorado Department of Higher Education, Division of Private Occupational Schools.