CHERRY CREEK HIGH SCHOOL

2026-2027
REGISTRATION GUIDE

Each member of the CCHS community will be equipped intellectually, socially, and emotionally in pursuit of their chosen path.

CHERRY CREEK HIGH SCHOOL

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2026-2027
REGISTRATION GUIDE

Cherry Creek High School Vision

Each member of the CCHS community will be equipped intellectually, socially, and emotionally in pursuit of their chosen path.

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REGISTRATION GUIDELINES FOR 2026-2027

This course guide contains the requirements you must meet to register for classes at Cherry Creek High School. At the critical decision points in your high school career you should review your educational and vocational goals with your counselor and thoughtfully develop a program of study that will help you achieve these goals.

First, study the graduation requirements, college entrance requirements, Advanced Placement Program information and the recommended courses. Then, review the course offerings and plan your own course of study with your parents/guardians. Your choice of courses should be based on graduation requirements, teacher recommendations, your interests and abilities, past achievements and your post-high school plans. When selecting courses, you will notice some have letters or symbols which indicate the following:

(*) Indicates weighted course credit, including Honors and Advanced Placement courses

ACC Designates approved Concurrent enrollment through Arapahoe Community College courses.

Designates approved Dual enrollment course through University of Colorado.

Designates approved Dual enrollment course through Red Rocks Community College.

(CP) Indicates College Preparatory classes

(AP) Indicates Advanced Placement program classes

★ Indicates repeatable classes. For the complete list, see page 5.

Some of the courses listed in this guide may not be offered if the number of students requesting a particular course is below the minimum class size. Each student should select alternate elective choices in case the first choice is not offered.

Each student will be able to access the Registration Guide on the CCHS website to obtain course information.

REGISTRATION GUIDELINES:

1. **Credit requirements per semester**
   - Freshmen and Sophomores—3 credits (6 classes)
   - Juniors and Seniors—2.5 credits (5 classes)

   Students wishing to take more than 3 credits per semester must have the counselor's approval.
   - 2 credits (4 classes) each semester must be in core classes i.e. English, Social Studies, Math, Science, World Languages.

2. **Familiarize yourself with specific college admissions or vocational requirements.**
   - If in doubt about credits for graduation or college admission, see your counselor.

3. **Plan ahead for your entire high school career.**

4. **Credit is not issued for repeated courses except where noted.** If a student receives a D or an F in a class for any semester, the grade can be replaced by taking the class again the **next semester** it is offered. The most recent grade for the re-taken semester will become the grade of record.

5. **Students must complete the paper pre-registration process, indicating the courses desired for the 2026-2027 school year, including obtaining the required signatures.**

GRADUATION REQUIREMENTS

Beginning with the Class of 2021, all graduates of the Cherry Creek School District, in addition to the required 22 credit requirements, must also meet competency benchmarks that indicate preparedness for success in college and career, as determined by Board Policy IKF. Please see the competency benchmarks on page 3.

In pursuit of its mission to ensure that all students reach their learning potential, the Board of Education recognizes that high school shall be generally considered as a four-year course of study. Therefore, graduation requirements are based on units of credit earned in grades nine through twelve in addition to a demonstration of College and Career Readiness in the areas of Mathematics and English. A unit of credit is defined as the amount of credit given for the successful completion of a course, which meets the required hours of instruction as defined in state law.

In order to prepare students for a successful post-secondary educational and work experience, the Board of Education strongly encourages students to participate in a rigorous academic core curriculum consisting of four years of English, four years of Mathematics, four years of Science, four years of Social Studies, at least two years of a World Language as required by the Colorado Commission on Higher Education for admission to four-year public colleges and universities in Colorado, and a technology class..

Minimum Units of Credit Needed to Graduate

A minimum of 22 units of credit shall be necessary for high school graduation. In addition to the 16.5 required units, all other credits shall be considered electives and may be selected from the entire curricular offering.

SUBJECT REQUIREMENT	CREDIT REQUIREMENT
Academic Core Subjects*	
English*	4.0 units
Mathematics*	3.0 units
Science*	3.0 units
Social Studies*	3.0 units (including 1 unit of US History and .5 unit of American Government)
Physical Education**	2.0 credits (including .5 credit in health)
Fine Arts, Business or Career and Technical Education	1.5 units
Minimum Total of Required Credits	16.5 units
Minimum Total of Elective Credits	5.5 units
MINIMUM TOTAL	**22 units**

Minimum credit requirements in various areas shall be as follows:

*Academic core subjects include English, Math, Science, Social Studies and World Languages. All students are expected to enroll in a minimum of four academic core units per semester.

** Student athletes who have completed a season of athletics may be granted a one-time waiver of .5 of the required 1.5 units of physical education. This waiver does not reduce the total number of units required for graduation. Academic/Physical Education Waiver Requests must be submitted through student's counselor.

GRADUATION REQUIREMENTS

Options to Demonstrate College and Career Preparedness

Beginning with the class of 2022, every student must successfully obtain 22 credits to graduate, with the added requirement to demonstrate college or career preparedness in both Reading/Writing/Communication and Mathematics. Multiple options are available to CCSD students to demonstrate college or career preparedness.

Students are encouraged to plan with their families, teachers, and school counselors to determine the best option. It is also recommended that students monitor the completion of this component of the graduation requirements no later than the end of their junior year.

1 Minimum Credits

Course Requirements for Graduation in Cherry Creek School District

Board Policy IKF

A minimum of 22 credit units shall be necessary for high school graduation.

- English 4.0 units
- Mathematics 3.0 units
- Science 3.0 units
- Social Studies 3.0 units
- Physical Education 1.5 units
- Health .5 units
- Fine Art/CTE 1.5 units
- Additional Credit 5.5 units

3 Essential Skills

Essential Skills Necessary for Success in College and Career

The following skills are critical to success in College and Career.

- Innovation
- Critical thinking skills
- Real world experiences
- Problem solving
- Curiosity/Inquiry
- Relevancy
- Working in teams
- Communication skills
- Project based learning
- Flexibility/Adaptability

2 Competency Menu Options

In addition to required course work, all students must demonstrate career or college readiness in Reading/Writing/Communication (R/W/C) and mathematics through at least one menu option below.

*For more information, visit CCSD Board Policy Exhibit IKF-E

	R/W/C	Mathematics
Accuplacer Classic	62 Reading Comprehension OR 70 Sentence Skills	61 on Elementary Algebra
Accuplacer Next Generation	241 on Reading OR 236 on Sentence Writing	255 on Arithmetic (AR) OR 230 on Quantitative Reasoning, Algebra, and Statistics (QAS)
ACT	18 on ACT English	19 on ACT Math
ACT WorkKeys	Bronze or higher	Bronze or higher
Advanced Placement Exam (AP)	2 or Higher	2 or Higher
ASVAB	AFQT 31st percentile	AFQT 31st percentile
Concurrent Enrollment	Passing Grade	Passing Grade
District Capstone	Secondary Literacy Assessment	Common Assessment Portfolio
International Baccalaureate Exams (IB)	4 or Higher	4 or Higher
SAT *Score updated for 2024-2026 ONLY	470	480
Industry Certificate	Individualized	Individualized
Collaboratively Developed Performance Based Assessment	State-wide Scoring Criteria	State-wide Scoring Criteria

GRADUATION REQUIREMENTS

ADVANCED PLACEMENT (AP)

The Cherry Creek School District high schools participate in the College Board's national Advanced Placement Program. AP courses offered at Cherry Creek High School include:

- English Language and Composition, English Literature and Composition
- United States History, European History, World History, Microeconomics, Macroeconomics, Human Geography, Comparative Government and Politics, United States Government and Politics , Psychology
- Statistics, Calculus AB, Calculus BC, Computer Science, Computer Science Principles
- Biology, Chemistry, Physics C, Environmental Science, Physics 1
- French Language, Spanish Language, Spanish Literature, German, Latin, Chinese
- Music Theory, Art & Design, Art History
- Business Principles
- AP Capstone Program (Seminar, Research)

AP courses are the equivalent of introductory college courses. Motivated, high-achieving students may be able to complete certain college requirements while still in high school. Each course culminates in a national examination. Students who take an AP course are expected to take the exams. Students are required to take the national exams if they wish to be considered for credit at the college level. Each college or university has its own criteria for when and if to award AP credit; students should check these criteria with the individual institution.

The Cherry Creek School District offers students and parents the opportunity for an official transcript that reflects a weighted grade point average. Weighted grades are given in those courses designated as either Honors or AP. These courses are weighted on a five-point scale.

REPEATABLE COURSES

The following courses can be repeated for credit

*Advanced Debate Honors	Jewelry/Metals Workshop
*Cross-Ex Debate Honors	Orchestra classes
CP Journalism	Piano
CP Journalism Leadership Workshop	Technical Theatre
Reading Essentials	Academic Support Lab
Yearbook	All P.E. classes (exc. CE Adv. Leader Training)
Yearbook Leadership	Teacher & Office Assists
Advanced Acting	ILC & Practical Courses
Advanced Ceramics	Life Skills-REACH (2 semesters only)
Advanced Studio Art (4 semesters only)	Students Supporting Students
Band classes	Bruin's Academy
Broadcast Journalism/TV Production	EPIC Medical Careers
BRDSports Media/CCSN	Student English Tutor/Writer's Studio Tutor
Choir classes	Student Math Tutor

NOTE: *Courses designated with *asterisk receive a weighted grade.*

FOUR YEAR PLANNING GUIDE

	Grade 9	Grade 10	Grade 11	Grade 12
English – 4.0 credits required	**English**	**English**	**English**	**English**
Social Studies – 4.0 credits recommended; 3.0 credits required. Must include: 1.0 unit U.S. History 0.5 unit Government/Civics	**U.S. History**	**World History**	**Government**	
Mathematics – 4.0 credits recommended; 3.0 credits required	**Math**	**Math**	**Math**	
Science – 4.0 credits recommended; 3.0 credits required	**Science**	**Science**	**Science**	
World Languages – Completion of Level 3 recommended (refer to individual college entrance requirements)				
Performing & Visual Arts, Business, Vocational Education – 1.5 credits required				
Health – 0.5 credits required		**Health**		
Physical Education – 1.5 credits required				
Electives – 5.5 credits remaining				
	ADVISORY	**ADVISORY**	**ADVISORY**	**ADVISORY**
A total of 24.0 credits is recommended; a minimum of 22.0 credits is required to graduate.				

Students and parents may access this four-year planning guide and other post-graduate information on the Naviance website. See the CCHS website Go to "Naviance Student" on the Cherry Creek High School website.

COLLEGE ADMISSIONS

Preparing for college starts as early as the ninth grade, if not earlier. Parents and students often ask counselors, "What will it take for me to be accepted to (Fill in the Blank) College?" That is a difficult question to answer, as competition has intensified at many colleges, and it is hard to ascertain which factors colleges will emphasize in a particular year. We do know that colleges, especially those that are most competitive in admissions, seek students who are academically prepared for the rigors of college-level courses, who can contribute to their campus community, and who have a clear sense of why they are a good match for that college.

Top Factors Influencing Admissions Decisions

Each year, the National Association for College Admission Counseling (NACAC) surveys colleges and universities to determine the top factors influencing admission decisions. Grades in college preparatory courses and strength of curriculum are considered by colleges to be the top factors in the admission decision, followed closely by admission test scores and grades in all courses.
Nearly 80 percent of all colleges and universities rated grades in college prep courses as "considerably important," followed by 60 percent for strength of curriculum, 60 percent for grades in all courses, and 55 percent for admission test scores. According to the 2019 "State of College Admissions Report," the following factors, in order of importance, were:

1. Grades in college prep courses (CP)
2. Strength of curriculum
3. Grades in all courses
4. Essay or writing sample
5. Counselor recommendation
6. Teacher recommendation
7. Admission test scores (ACT, SAT)
8. Student's demonstrated interest
9. Extracurricular activities
10. Subject test scores (AP, IB)
11. Interview

SOURCE: NACAC Admission Trends Survey, 2022

HIGHER EDUCATION ADMISSION RECOMMENDATIONS (HEAR)

In 2003, the Colorado Commission on Higher Education adopted the Higher Education Admission Requirements (changed to "Recommendations" in 2018), which provide a high school course mix and rigor guideline for students planning to attend any of Colorado's public four-year colleges or universities. The recommendations were implemented in two phases: Phase 1 for students graduating in 2008 and 2009, and Phase 2 for students graduating in 2010 and beyond. Private colleges and universities set their own admission standards, so students should contact those institutions directly for information regarding their enrollment policies. Additionally, public two-year colleges have open enrollment policies, meaning that students applying to these schools do not need to meet the following admissions recommendations.

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. Additionally, colleges, universities and certain academic programs may have additional admission factors.

Academic Area	2010+ Graduates
English*	4 years
Mathematics (Must include Algebra I, Geometry, Algebra II or equivalents)**	4 years
Natural/Physical Sciences (two units must be lab-based)**	3 years
Social Sciences (at least one unit of U.S. or world history)	3 years
World/Foreign Language***	1 year
Academic Electives****	2 years

- Two units of ESL English may count for HEAR recommendations when combined 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 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. Because 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.

Four-Year Academic Plans and Recommended High School Programs of Study

Each year, Creek counselors meet with students to develop and evaluate their Four-Year Academic Plans, keeping in mind each student's interests, goals and dreams as they prepare for their post-graduate experience. To best prepare for the college admission process, we encourage students to pursue the sample academic programs below; however, be aware that completion of a sample program like these does not guarantee admission, especially at highly and most selective colleges.

Most Selective Institutions		
Recommended Minimum Program of Study	**English**	4 years with Honors/AP Level
	Math	4 years with Honors/AP Level
	Social Studies	3-4 years with AP when possible
	Science	3-4 years with Honors/AP Level
	World Languages	3-4 years with Honors/AP Level

Highly Selective Institutions		
Recommended Minimum Program of Study	**English**	4 years with Honors/AP encouraged
	Math	3-4 years with Honors/AP encouraged
	Social Studies	3-4 years with Honors/AP encouraged
	Science	3-4 years with Honors/AP encouraged
	World Languages	3-4 years with Honors/AP encouraged

Very Selective Institutions		
Recommended Minimum Program of Study	**English**	4 years
	Math	4 years
	Social Studies	3-4 years
	Science	2-4 years depending on major
	World Languages	2 years minimum

Note: For these types of schools, Creek counselors recommend that students complete the minimum academic standards, which should match our CCHS graduation requirements, but also challenge themselves further with additional and/or honors coursework when appropriate. Many applicants to Very Selective colleges/universities complete 1-3 AP classes at a minimum.

Less Selective Institutions		
Recommended Minimum Program of Study	**English**	4 years
	Math	4 years
	Social Studies	3 years
	Science	3 years
	World Languages	1 year, per HEAR requirements

Note: CCHS counselors recommend that students interested in less selective institutions plan to complete our minimum graduation requirements, and take two years of a World Languages, if possible. Community and junior colleges, vocational schools and military induction require that all graduation requirements are met.

NCAA ELIGIBILITY REQUIREMENTS

Students who wish to participate in collegiate athletics at the Division I or II level must apply for certification through the National Collegiate Athletic Association (NCAA) Eligibility Center after their junior year in high school. Cherry Creek High School counselors can assist students in completing the necessary application. The website is www.ncaaeligibilitycenter.org.

The most comprehensive guide for athletes is the **NCAA Guide for the College Bound Student Athlete** produced by the NCAA.

This Guide has been designed to help you and your family understand the NCAA initial-eligibility process and to prepare you for transitioning from high school to becoming an NCAA Division I or II student-athlete. With more than 1,000 colleges and universities across three divisions, NCAA schools offer a variety of academic and athletics programs to meet your needs. The NCAA Eligibility Center encourages you, the student, to take an active role in this process. Take time to complete the registration yourself or jointly with your parents. As a future student athlete, it is important that you become personally involved.

Link to CCH Post Grad NCAA Athletics

Link to NCAA Eligibility Center

https://www.cchspostgrad.com/ncaa

List of NCAA Approved Core Courses (formerly 48H)

The NCAA Initial Eligibility Center has approved courses for use in establishing the certification status of student athletes from Cherry Creek High School. If you intend to participate in college athletics, please see your counselor concerning how this list affects your registration for classes.

To access Cherry Creek's List of Approved Core courses:

- Go to www.ncaaeligibilitycenter.org.
- Click on "Help" on the upper right side of the page.
- Scroll down and click on "Find your Core Courses"
- Enter our high school code 060515 in the box and click "Search"
- Click on the "Show all Approved Courses" box
- You now have the most up to date list of our approved Core courses.

Be aware that not all CCHS Core Courses are approved by the NCAA Eligibility Center.

We strongly encourage student-athletes and parents to consult with their counselor and the list of approved Core Courses early in their academic planning to ensure that approved courses are selected.

CHERRYCREEK
ELEVATION

Supplemental Online Courses

For students enrolled in Cherry Creek High School, any course taken through Cherry Creek Elevation is considered a supplemental online course.

Students may see a list of supplemental online courses through the Course Catalog for Cherry Creek Elevation here:

https://drive.google.com/file/d/1kDMaOgiefAA_z6uGbO1REWJDSTwwyOrE/view

CTE Pathways 2026-2027

Courses can be taken in a variety of sequencing allowing students to concentrate on specific content or explore multiple pathways. Courses listed with a CE (Concurrent Enrollment) or DE (Dual Enrollment) provide students an opportunity to earn college credit, at the same time as earning high school credit. Industry certifications are also available in numerous pathways. Courses listed with a (WBL) have embedded Work-based Learning opportunities where students are Learning Through Work or Learning At Work.

BUSINESS ADMINISTRATION

- *AP Business Principles with Personal Finance
- Introduction to Business (CE) *Recommended Entry-Level*
- Intro to PC Applications (CE) *Recommended Entry-Level*
- Personal Finance (CE)
- Intro to Entrepreneurship: School Based Enterprise (CE)
- Marketing I: Principles of Marketing (CE)
- Marketing II: Sports, Entertainment, and Social Media (CE)
- Marketing Cooperative (WBL)
- Work-based Learning: Internships & Apprenticeships

CODING

- Intro to Computer Science *Recommended Entry-Level*
- AP Computer Science Principles
- AP Computer Science A
- Data Structures & Algorithms
- Work-based Learning: Internships & Apprenticeships

DESIGN & MULTIMEDIA ARTS

- Photography I *Recommended Entry-Level*
- Photography II
- Digital Commercial Photography (CE)
- AP Studio Art 2D
- Advanced Photography Workshop
- Work-based Learning: Internships & Apprenticeships

ENGINEERING & TECHNOLOGY

- CP Physics Engineering *Recommended Entry-Level*
- Physics Engineering Honors
- Robotics & Automated Systems
- Work-based Learning: Internships & Apprenticeships

HOSPITALITY & FOOD PRODUCTION

- Interpersonal Relationships *Recommended Entry-Level*
- Child & Adolescent Development
- Culinary Nutrition
- Work-based Learning: Internships & Apprenticeships

VISUAL ARTS & DESIGN

- Design Seminar *Recommended Entry-Level*
- Fashion Design & Merchandising I
- Interior Design I: Residential
- Work-based Learning: Internships & Apprenticeships

OUTDOOR RECREATION LEADERSHIP

- Adventure Challenge Course *Recommended Entry-Level*
- Adventure Outdoor Education *Recommended Entry-Level*
- Adventure Water Sports *Recommended Entry-Level*
- Adventure Leadership Training (CE)
- Adventure Leader (CE) *Prerequisite Required*
- Work-based Learning: Internships & Apprenticeships

CTE DISTRICT-WIDE COURSES

These courses are available to all CCSD students, and take place at various locations.
For more information, see the CTE website.

- All courses offered at the Cherry Creek Innovation Campus (see CCIC section)
- Cosmetology/Esthetics (CE)
- Future Educator (DE)

CONCURRENT ENROLLMENT

Concurrent Enrollment / Dual Enrollment (CE/DE) is an opportunity for students to earn high school and college credit simultaneously. Many courses in the Cherry Creek School District (CCSD) offer concurrent/dual enrollment credit through local colleges. As an additional benefit, CCSD will pay the tuition for students who apply for the College Opportunity Fund (COF). College credit can only be earned with a grade of 'C' or better.

Cherry Creek High School offers college credit through Arapahoe Community College in addition to high school graduation credit to qualified students for successful completion of the following courses:

CE African American Studies
CE Digital Commercial Photography
CE Entrepreneurial Operations
CE Intro to Business
CE Introduction to Entrepreneurship
CE English Composition 1
CE Introduction to Literature 1
CE Introduction to PC Applications
CE Marketing 1: Principles of Marketing
CE Marketing 2: Sports & Entertainment Social Media
CE Personal Finance

To qualify for these opportunities, a student must first complete pre-requisites which may include Accuplacer, ACT and/or SAT scores, and/or course completion. Students are also required to complete the following:

1. Concurrent Enrollment Application: A Concurrent Enrollment application form shall include, but need not be limited to, the following: Assurance of consent by the Qualified Student and parent or legal guardian to the following: The qualified student will register for the College Opportunity Fund (COF) stipend and understands that credits earned will be deducted from the COF lifetime account (145.0 credit hours) for courses being taken at Institutions of Higher Education that participate in the COF, with the exception of basic skills credits.
2. ACC application for each course.

The student must be enrolled in this class for the entire semester or year and finish with a grade of C or higher to earn college credit.

The college credit will be awarded through ACC. Students should check with their transferring institution regarding the transferability of the course.

University of Colorado **Denver**
CU Succeed

Cherry Creek High School offers college credit through University of Colorado Denver
https://clas.ucdenver.edu/cusucceed

- Students in some Math and English courses may be able to earn college credit through CU Succeed for a fee. Students should consult the instructor about eligible courses.
- Students enrolled in CU Succeed courses are subject to the same academic policies and procedure to which regularly enrolled students on campus must adhere.

CE Outdoor Education Leadership
CE Adventure Leader Training

Students in Adventure Leadership Training and Adventure Leadership may be able to earn college credit through Red Rocks Community College. Students should consult the instructor.

***Concurrent Enrollment college credit is subject to course and teacher approval and completion of all required registration steps by the majority of the class within the designated semester deadline. Courses may be subject to cancellation for Concurrent Enrollment college credit due to unforeseen changes.

****Concurrent Enrollment (CE), Dual Enrollment (DE), and Career Tech Ed (CTE) courses are not eligible for pass/fail.

ENGLISH			
COURSE	**LEVEL**	**GRADE LEVEL(S)**	**TERM/ CREDIT**
*Advanced Debate Honors	Honors	10-12	Year/l
*Advanced Placement Language and Composition	Honors	11	Year/l
*Advanced Placement Literature and Composition	Honors	12	Year/l
*Cross-Ex Debate Honors	Honors	10-12	Year/l
*English 10 Honors	Honors	10	Year/l
*English 9 Honors	Honors	9	Year/l
*CE English Composition 1	Weighted/CE	11-12	Sem/.5
*CE Introduction to Literature 1	Weighted/CE	12	Sem/.5
*DE Narrative Art in Literature and Film	Weighted/DE	12	Sem/.5
CP African American Literature		11-12	Sem/.5
CP Contemporary Award Winners		11-12	Sem/.5
CP Creative Writing		12	Sem/.5
CP English 10		10	Year/1
CP English 11		11	Year/1
CP English 9		9	Year/1
CP Journalism		9-12	Year/1
CP Journalism Leadership Workshop		10-12	Sem/.5
CP Introduction to Queer (LGBTQIA+) Literature		11-12	Sem/.5
CP Multicultural Literature		11-12	Sem/.5
CP Mythology to Folklore-Oral Tradition		11-12	Sem/.5
CP Science Fiction		12	Sem/.5
CP Senior Seminar: Literature and Writing		12	Year/1
CP Shakespeare		11-12	Sem/.5
CP Survey of Composition		11-12	Sem/.5
CP Survey of Poetry		11-12	Sem/.5
CP Writing on Film		12	Sem/.5
Beginning Debate		9-10	Year/1
Student English Tutor		10-12	Sem/.5
Reading Essentials		9-11	Sem/.5
Writing Clinic		12	Sem/.5

NOTE: *Courses designated with *asterisk receive a weighted grade*
Courses designated with DE are eligible for Dual Enrollment credit through Colorado University.

SOCIAL STUDIES

COURSE	LEVEL	GRADE LEVEL(S)	TERM/ CREDIT
*Advanced Placement African American Studies	Honors	11-12	Year/1
*Advanced Placement Comparative Government and Politics	Honors	11-12	Sem/.5
*Advanced Placement European History	Honors	10-12	Year/1
*Advanced Placement Human Geography	Honors	11-12	Sem/.5
*Advanced Placement Macroeconomics	Honors	11-12	Sem/.5
*Advanced Placement Microeconomics	Honors	11-12	Sem/.5
*Advanced Placement Psychology	Honors	11-12	Year/1
*Advanced Placement United States Government and Politics	Honors	11-12	Sem/.5
*Advanced Placement United States History	Honors	9,11-12	Year/1
*Advanced Placement World History: Modern	Honors	10-12	Year/1
*CE African American Studies	Weighted/CE	11-12	Year/1
CP American Government		11-12	Sem/.5
CP American History Through Music		11-12	Sem/.5
CP Economics		11-12	Sem/.5
CP History and Sports		11-12	Sem/.5
CP History of Ancient Rome		10-12	Sem/.5
CP International Relations		10-12	Sem/.5
CP Psychology		11-12	Sem/.5
CP Recent America: 1945 to Present		10-12	Sem/.5
CP Sociology		11-12	Sem/.5
CP Street Law		10-12	Sem/.5
CP United States History		9	Year/1
CP United States History 11-12 Semester 1		11-12	Sem/.5
CP United States History 11-12 Semester 2		11-12	Sem/.5
CP Western Philosophy & Ethics		11-12	Sem/.5
CP World Geography		11-12	Sem/.5
CP World History		10	Sem/.5
CP World Religions		11-12	Sem/.5
CP World War I and II		10-12	Sem/.5

NOTE: *Courses designated with *asterisk receive a weighted grade*

MATHEMATICS

COURSE	LEVEL	GRADE LEVEL(S)	TERM/ CREDIT
*Advanced Placement Calculus AB	Honors	11-12	Year/l
*Advanced Placement Calculus BC	Honors	10-12	Year/1
*Advanced Placement Statistics	Honors	11-12	Year/1
*Advanced Placement Precalculus 12	Honors	12	Year/1
*Algebra 1/Geometry Honors	Honors	9	Year/1
*Geometry/Algebra 2/Trigonometry Honors	Honors	10	Sem/.5
* Algebra 2/Trigonometry Honors	Honors	9-11	Year/1
*Advanced Precalculus Honors	Honors	9-11	Year/1
*Pre-calculus/Trigonometry Honors	Honors	11-12	Year/1
*DE Abstract Math/Linear Algebra Honors	Honors/DE	11-12	Year/1
*DE Calculus 3 Honors	Honors/DE	11-12	Sem/.5
*DE Differential Equations Honors	Honors/DE	11-12	Sem/.5
*DE Seminar in Adv Math Topics	Honors/DE	11-12	Year/1
*DE Statistical Analysis	Weighted/DE	12	Year/1
*Geometry Honors	Honors	9-10	Year/1
Business Calculus		11-12	Sem/.5
Calculus 1		11-12	Year/1
CP Accelerated Algebra 1		9-11	Year/1
CP Accelerated Algebra 2		10-12	Year/1
CP Accelerated Geometry		9-12	Year/1
CP Algebra 1		9-12	Year/1
CP Algebra 2		11-12	Year/1
CP Geometry		10-12	Year/1
Quantitative Reasoning		12	Year/1
*DE College Algebra	Weighted/DE	11-12	Sem/.5
*DE College Trigonometry	Weighted/DE	11-12	Sem/.5
Probability and Statistics		11-12	Sem/.5
Student Math Tutor		10-12	Sem/.5
COMPUTER SCIENCE			
*Advanced Placement Computer Science A	Honors	10-12	Year/1
*Advanced Placement Computer Science Principles (*earns Practical Fine Arts credit only)*	Honors	9-12	Sem/.5
*AP Networking	Honors	10-12	Year/1
*AP Cybersecurity	Honors	11-12	Year/1
*Data Structures and Algorithms	Honors	10-12	Sem/.5
*Introduction to Artificial Intelligence and Machine Learning Honors	Honors	11-12	Sem/.5
Intro to Computer Science *(earns Practical Fine Arts credit only)*		9-12	Sem/.5

NOTE: *Courses designated with *asterisk receive a weighted grade*
Courses designated with DE are eligible for Dual Enrollment credit.

SCIENCE			
COURSE	**LEVEL**	**GRADE LEVEL(S)**	**TERM/ CREDIT**
*Advanced Placement Biology	Honors	11-12	Year/l.5
*Advanced Placement Chemistry	Honors	10-12	Year/l
*Advanced Placement Environmental Science	Honors	12	Year/l
*Advanced Placement Physics C	Honors	11-12	Year/l.5
*Advanced Placement Physics 1	Honors	11-12	Year/1
*Advanced Scientific Research Honors	Honors	9-12	Year/l
*Anatomy & Physiology Honors	Honors	12	Year/1
*Biology Honors	Honors	10-12	Year/l
*Chemistry Honors	Honors	10-12	Year/1
*CE Astronomy	Weighted/CE	11-12	Sem/.5
*CE Natural Disasters	Weighted/CE	11-12	Sem/.5
*Physical Science Honors	Honors	9	Year/1
*Physics Engineering Honors (take with CP Engineering Physics)	Honors	11-12	Year/1
CP Physics Engineering (take with CP Engineering Physics)		11-12	Year/1
CP Engineering Physics (take with CP Physics Engineering /*Physics Engineering Honors)		11-12	Year/1
Biology		10-12	Year/1
Chemistry		11-12	Sem/.5
CP Anatomy and Physiology		11-12	Year/1
CP Astronomy		11-12	Sem/.5
CP Biochemistry		11-12	Sem/.5
CP Biology		10-12	Year/1
CP Chemistry		11-12	Year/1
CP Environmental Science		12	Year/1
CP Geology		11-12	Sem/.5
CP Horticulture		11-12	Sem/.5
CP Marine Biology		11-12	Sem/.5
CP Physical Science		9	Year/1
CP Physics		11-12	Year/1
CP Zoology		11-12	Sem/.5
Environmental Science 1		11-12	Sem/.5
Environmental Science 2		11-12	Sem/.5
Introduction to Science Research		9-12	Year/1
MAL Science 1		10-12	Sem/.5
MAL Science 2		10-12	Sem/.5
Physical Science		9	Year/1
Physics		11-12	Sem/.5
Robotics & Automated Systems (earns Practical Fine Arts credit only)		9-12	Year/1

NOTE: *Courses designated with *asterisk receive a weighted grade*
Courses designated with DE are eligible for Dual Enrollment credit.

WORLD LANGUAGE			
COURSE	**LEVEL**	**GRADE LEVEL(S)**	**TERM/ CREDIT**
*Advanced Placement Chinese Language and Culture	Honors	9-12	Year/l
*Advanced Placement French Language and Culture	Honors	9-12	Year/l
*Advanced Placement German Language and Culture	Honors	9-12	Year/l
*Advanced Placement Latin	Honors	9-12	Year/l
*Advanced Placement Spanish Language and Culture	Honors	9-12	Year/l
*Advanced Placement Spanish Literature and Culture	Honors	9-12	Year/l
*Chinese 3/4 Honors	Honors	9-12	Year/1
*French 3/4 Honors	Honors	9-12	Year/1
*French 4 Honors	Honors	9-12	Year/1
*German 3/4 Honors	Honors	9-12	Year/1
*Latin 3/4 Honors	Honors	9-12	Year/1
*Spanish 3/4 Honors	Honors	9-12	Year/1
*Spanish 4 Honors	Honors	9-12	Year/1
*Spanish 4 Honors for Spanish Speakers	Honors	9-12	Year/1
CP American Sign Language 1		10-11	Year/1
CP American Sign Language 2		10-12	Year/1
CP American Sign Language 3		10-12	Year/1
CP Chinese 1		9-12	Year/1
CP Chinese 2		9-12	Year/1
CP French 1		9-12	Year/1
CP French 2		9-12	Year/1
CP French 3		9-12	Year/1
CP French 5 Conversation and Culture		9-12	Year/1
CP German 1		9-12	Year/1
CP German 2		9-12	Year/1
German Language Diploma Preparation		9-12	Sem/.5
CP Latin 1		9-12	Year/1
CP Latin 2		9-12	Year/1
CP Spanish 1		9-12	Year/1
CP Spanish 2		9-12	Year/1
CP Spanish 3		9-12	Year/1
CP Spanish 3 for Spanish Speakers		9-12	Year/1
CP Spanish 5 Conversation & Composition		9-12	Year/1

NOTE: *Courses designated with *asterisk receive a weighted grade*

FINE ARTS

COURSE	LEVEL	GRADE LEVEL(S)	TERM / CREDIT
INSTRUMENTAL MUSIC			
Concert Band		9-12	Year/1
Symphonic Band 1	Audition Required	9-12	Year/l
Symphonic Band 2	Audition Required	9-12	Year/l
Wind Ensemble	Audition Required	9-12	Year/l
Jazz Band 1	Audition Required	9-12	Year/l
Jazz Band 2	Audition Required	9-12	Year/1
Concert Orchestra		9-12	Year/1
Chamber Orchestra	Audition Required	9-12	Year/1
Symphonic Orchestra	Audition Required	9-12	Year/1
VOCAL MUSIC/OTHER MUSIC COURSES			
Statesmen		9-12	Year/1
Choralaires		9	Year/1
A Cappella Choir		10-12	Year/1
Troubadours	Audition Required	10-12	Year/1
Creek 21	Audition Required	10-12	Year/1
Meistersingers	Audition Required	11-12	Year/1
Jazz Choir	Audition Required	10-12	Year/1
Piano		9-12	Year/1
*Advanced Placement Music Theory	Honors	11-12	Year/1
THEATRE			
Beginning Acting		9-12	Sem/.5
Intermediate Acting		10-12	Year/1
Advanced Acting		11-12	Year/1
Directing		12	Year/1
Technical Theatre 1		9-12	Sem/.5
Technical Theatre 2		9-12	Sem/.5
Unified Peer Mentor Theater		10-12	Sem/.5
VISUAL ARTS			
*Advanced Placement Art and Design 3D Design *(formerly AP Art Studio)*	Honors	11-12	Year/1
*Advanced Placement Art and Design: 2D Design-Photography	Honors	11-12	Year/1
*Advanced Placement Art and Design: Drawing, 2D Art and Design	Honors	12	Year/1
*Advanced Placement Art History	Honors	10-12	Year/l
Advanced Ceramics		11-12	Sem/.5
Advanced Photography Workshop		11-12	Year/1
Advanced Painting		10-12	Sem/.5
Advanced Studio Art *(formerly Artisan's Workshop)*		11-12	Sem/.5
Advanced Video Production		10-12	Year/1
Broadcast Journalism/TV Production		9-12	Sem/.5
Broadcast Journalism/TV Production 2		9-12	Sem/.5

NOTE: *Courses designated with *asterisk receive a weighted grade*

FINE ARTS, CONT.

COURSE	LEVEL	GRADE LEVEL(S)	TERM/ CREDIT
BRDSports Media/CCSN		9-12	Sem/.5
Ceramics 1		10-12	Sem/.5
Ceramics 2		11-12	Sem/.5
CE Digital Commercial Photography	Concurrent Enrollment	10-12	Sem/.5
Digital Art and Design *(formerly Advanced Drawing/Design)*		10-12	Sem/.5
Digital Commercial Photography		10-12	Sem/.5
Drawing 1: Foundations (*formerly Drawing and Design 1)*		9-12	Sem/.5
Drawing 2: Multimedia *(formerly Draw/Design 2)*		9-12	Sem/.5
Live Figure Drawing		9-12	Sem/.5
Jewelry/Metal 1		9-12	Sem/.5
Jewelry/Metal 2		10-12	Sem/.5
Jewelry/Metal Workshop		11-12	Sem/.5
Painting		10-12	Sem/.5
Photography 1		9-12	Sem/.5
Photography 2		10-12	Sem/.5
Unified Peer Mentor Visual Arts		10-12	Sem/.5
Video Production 1		9-12	Sem/.5
Video Production 2		9-12	Sem/.5
Yearbook		9-12	Year/1
Yearbook Leadership		10-12	Year/1
BUSINESS			
*AP Business with Personal Finance	Honors	9-10	Year/1
CE Entrepreneurial Operations	Concurrent Enrollment	11-12	Sem/.5
CE Introduction to Entrepreneurship: School Based Enterprise Ops/Mgmt	Concurrent Enrollment	11-12	Sem/.5
CE Introduction to Business	Concurrent Enrollment	9-10	Sem/.5
CE Introduction to PC Applications	Concurrent Enrollment	9-12	Sem/.5
CE Marketing 1: Principles of Marketing	Concurrent Enrollment	11	Year/1
CE Marketing 2: Sports & Entertainment/Social Media	Concurrent Enrollment	12	Year/1
Marketing CO-OP: School Based Enterprise—Retail		12	Year/1
CE Personal Finance	Concurrent Enrollment	10-12	Sem/.5
FAMILY AND CONSUMER SCIENCES			
CE Introduction to Early Childhood Education	Concurrent Enrollment	11-12	Sem/.5
Child & Adolescent Development		9-12	Sem/.5
Culinary Nutrition		9-12	Sem/.5
Design Seminar		9-12	Sem/.5
Fashion Design & Merchandising 1		10-12	Sem/.5
Interior Design 1: Residential		10-12	Sem/.5
Interpersonal Relationships		10-12	Sem/.5

PHYSICAL EDUCATION/HEALTH

COURSE	LEVEL	GRADE LEVEL(S)	TERM/ CREDIT
HEALTH EDUCATION			
Health		10-12	Sem./.5
Health - Hybrid		11-12	Sem./.5
ADVENTURE PROGRAM			
Adventure Challenge Course (ACC)		9-12	Sem/.5
Adventure Field Experience (AFE)		9-12	Sem/.5
Adventure Outdoor Ed (AOE)		9-12	Sem/.5
Adventure Water Sports (AWS)		9-12	Sem/.5
CE Adventure Leader Training (ALT)	Concurrent Enrollment	9-12	Sem/.5
CE Adventure Leader - Includes Adv. Challenge Course; Adv. Outdoor Ed.; & Adv. Water Sports	Concurrent Enrollment	10-12	Sem/.5
FITNESS BASED ACTIVITIES			
Advanced Fitness (Weight Training)		9-12	Sem/.5
Body Works		9-12	Sem/.5
Dance		9-12	Sem/.5
Lifeguard Training		10-12	Sem/.5
Personal Fitness		11-12	Sem/.5
Power Yoga Athletic Conditioning		10-12	Sem/.5
Swim Conditioning		9-12	Sem/.5
Weight Training		9-12	Sem/.5
Weight Training for Women		9-12	Sem/.5
Yoga		10-12	Sem/.5
INDIVIDUAL SPORT ACTIVITIES			
Individual Sports		9-12	Sem/.5
Unified Peer Mentor P.E.		10-12	Sem/.5
Unified Peer Mentor Swim Fitness		10-12	Sem/.5
TEAM SPORT ACTIVITIES			
Sports and Activity for Life		9-12	Sem/.5
Team Sports		9-12	Sem/.5

STUDENT ACHIEVEMENT SERVICES

COURSE	PROGRAM	GRADE LEVEL(S)	TERM/ CREDIT
ENGLISH			
CP Contemporary Award Winners (Teamed)		12	Sem/.5
CP Survey of Composition (Teamed)		12	Sem/.5
Elements of CP English 9		9	Year/1
Elements of CP English 10		10	Year/1
Elements of CP English 11		11	Year/1
Elements of CP English 12		12	Year/1
Elements of Film and Literature	REACH	11-12	Sem/.5
Elements of Multicultural Literature	REACH	11-12	Sem/.5
ILC English		9-12	Year/1
Practical English		9-12	Year/1
SOCIAL STUDIES			
CP American Government (Teamed)		11-12	Sem/.5
CP World Geography (Teamed)		12	Sem/.5
Elements of American Government		11-12	Sem/.5
Elements of Psychology	REACH	11-12	Sem/.5
Elements of Sociology	REACH	11-12	Sem/.5
Elements of United States History		9-12	Year/1
Elements of World History		10-12	Year/1
ILC Social Studies		9-12	Year/1
Practical American Government		9-12	Sem/.5
Practical Social Studies		9-12	Year/1
Practical United States History		9-12	Year/1
MATH			
CP Algebra 1 (Teamed)		9-12	Year/1
CP Geometry (Teamed)		10-12	Year/1
CP Algebra 2 (Teamed)		11-12	Year/1
Elements of CP Geometry		11-12	Year/1
Elements of Integrated Algebra/Geometry		9-12	Year/1
ILC Math		9-12	Year/1
Practical Math		9-12	Year/1
SCIENCE			
Biology (Teamed)		10-12	Year/1
Chemistry (Teamed)		11-12	Sem/.5
CP Biology (Teamed)		10	Year/1
CP Chemistry (Teamed)		11-12	Year/1
Physics (Teamed)		11-12	Sem/.5
Physical Science (Teamed)		9	Year/1
ILC Science		9-12	Year/1
Practical Science		9-12	Year/1

STUDENT ACHIEVEMENT SERVICES, CONT.

COURSE	PROGRAM	GRADE LEVEL(S)	TERM/ CREDIT
FINE ARTS			
Life Skills	REACH	10-12	Sem/.5
Unified Theater		9-12	Sem/.5
Unified Peer Mentor Theater		9-12	Sem/.5
Unified Visual Arts		9-12	Sem/.5
Unified Peer Mentor Visual Arts		9-12	Sem/.5
PHYSICAL EDUCATION/HEALTH			
Unified P.E.		10-12	Sem/.5
Unified Swim Fitness		9-12	Sem/.5
Elements of Health	REACH	10-12	Sem/.5
Elements of Physical Education	REACH	9-12	Sem/.5
Practical Health		9-12	Sem/.5
ELECTIVES			
Academic Support Lab		9-12	Sem/.5
ACE Career Development		12	Sem/.5
ACE Financial Literacy		12	Sem/.5
Students Supporting Students		11-12	Sem/.5
Unified Leadership		9-12	Year/1
Unified Peer Mentor Leadership		10-12	Year/1
SPECIAL COURSES (GENERAL ELECTIVE CREDIT)			
BOA *(Bruins Online Academy)*		11-12	Sem/.5
Independent Study		9-12	Sem/.5
Office Assistant		9-12	Sem/.5
Peer Ambassadors		12	Year/1
Student Senate		9-12	Year/1
Teacher Assistant		9-12	Sem/.5
Work Experience		12	Sem/1
COUNSELING SEMINARS AND SUPPORT COURSES			
ADVISORY (9, 10, 11, 12)		9-12	Year/.25
AVID (9, 10,11, 12)		9-12	Year/l
Bruins Academic Center 9		9	Sem/.5
Bruins Academic Center 10		10	Sem/.5
Bruins Academic Center 11		11	Year/1
Bruins Academic Center 12		12	Sem/.5
Leadership Academy		9-12	Year/1
Study Hall		11-12	Sem/.5
E.P.I.C. COURSES			
Medical Volunteer		10-12	Sem/.5
Medical Careers		10-12	Sem/.5

AP CAPSTONE

AP Capstone is a program based on two yearlong AP courses: AP Seminar and AP Research. The courses were developed at the request of higher education professionals who saw a need for a systematic way for high school students to begin mastering the following skills before college. Rather than teaching subject-specific content, these courses develop students' skills in research, analysis, evidence-based arguments, collaboration, writing, and presenting.

Students who complete the two-year program can earn one of two different AP Capstone awards, which are valued by colleges across the United States and around the world. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing will receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams will receive the AP Seminar and Research Certificate™.

***ADVANCED PLACEMENT-SEMINAR**

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: None

AP Seminar is part one of the AP Capstone program. This course engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. The course will prepare students for the AP Seminar Exam, which consists of three elements: a) a team project and presentation, b) an individual research-based essay and presentation, and c) an end-of-course exam.

*Students may participate in AP seminar without continuing to AP research.

ADVANCED PLACEMENT –RESEARCH

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: Passing grade in *AP Seminar

AP Research is part-two of the AP Capstone program. In AP Research, students have an opportunity to design, plan, and conduct yearlong research-based investigation of a topic that interests the student. Students will document the research process with a portfolio to demonstrate their ability to apply a scholarly understanding of real-world problems and issues. In addition, students will learn how to understand research methodology, employ ethical research practices, and access, analyze, and synthesize information to build, present, and defend an argument. Students will be able to choose one of the following for their research-based investigation: dig deeper into a topic studied in an AP course, work across academic areas with an interdisciplinary topic, or study a new area of interest (which might be of interest to study at the college level). Upon conclusion of the course, the AP Exam will consist of two elements: 1) a 4,000 to 5,000 word academic paper, 2) a presentation with an oral defense.

ENGLISH

DIRECTIONS FOR REGISTRATION:

Grade Nine:

You must take one full-year course as a freshman: CP English 9 or English 9H . Your present English teacher will recommend which level (CP English 9, English 9H) based on your performance in 8th grade English.

Grade Ten:

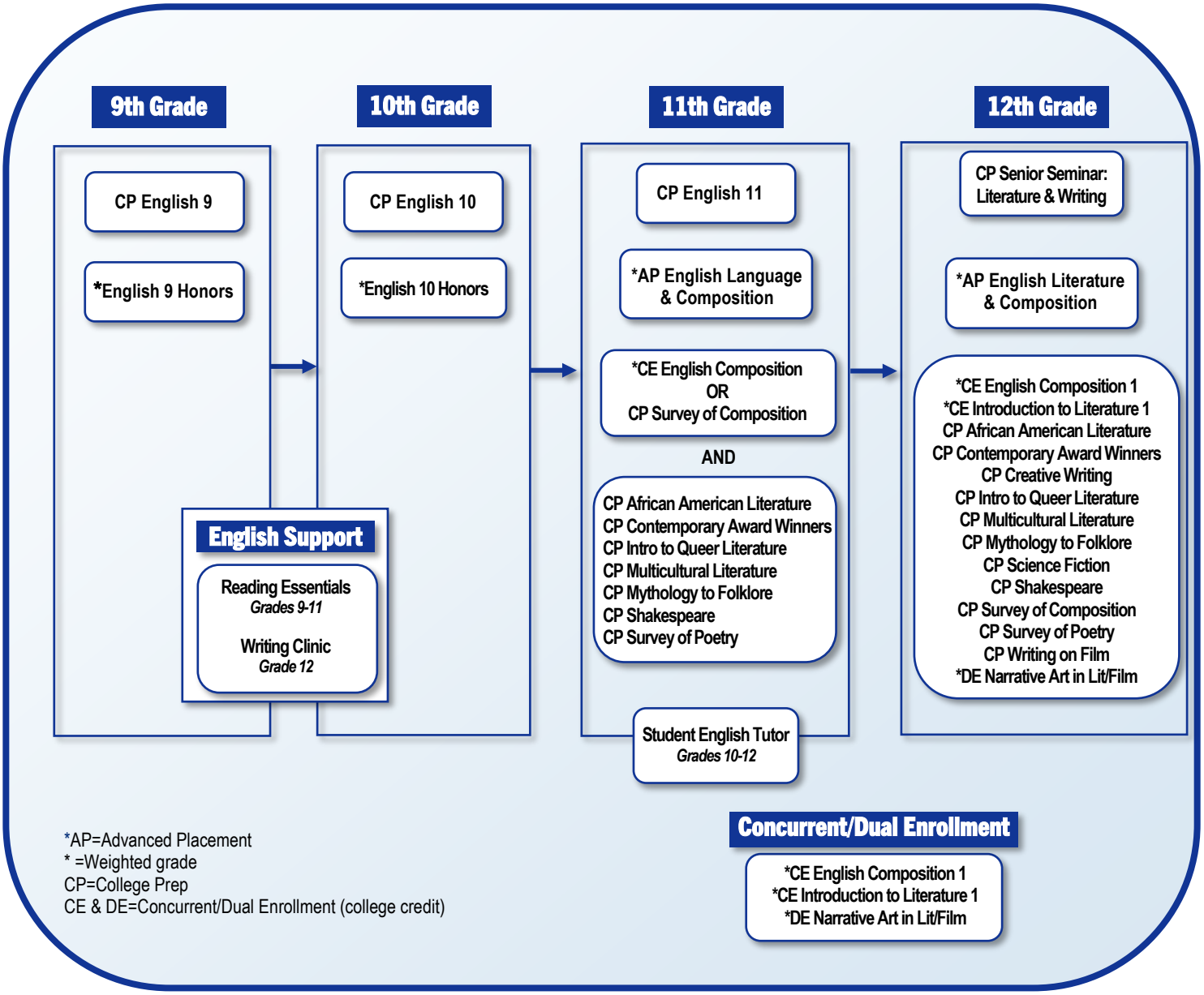
You must take one full-year course as a sophomore: CP English 10 OR English 10H. Your present English teacher will recommend which level (CP English 10, English 10H) to take based on your performance in 9th grade English.

Grade Eleven:

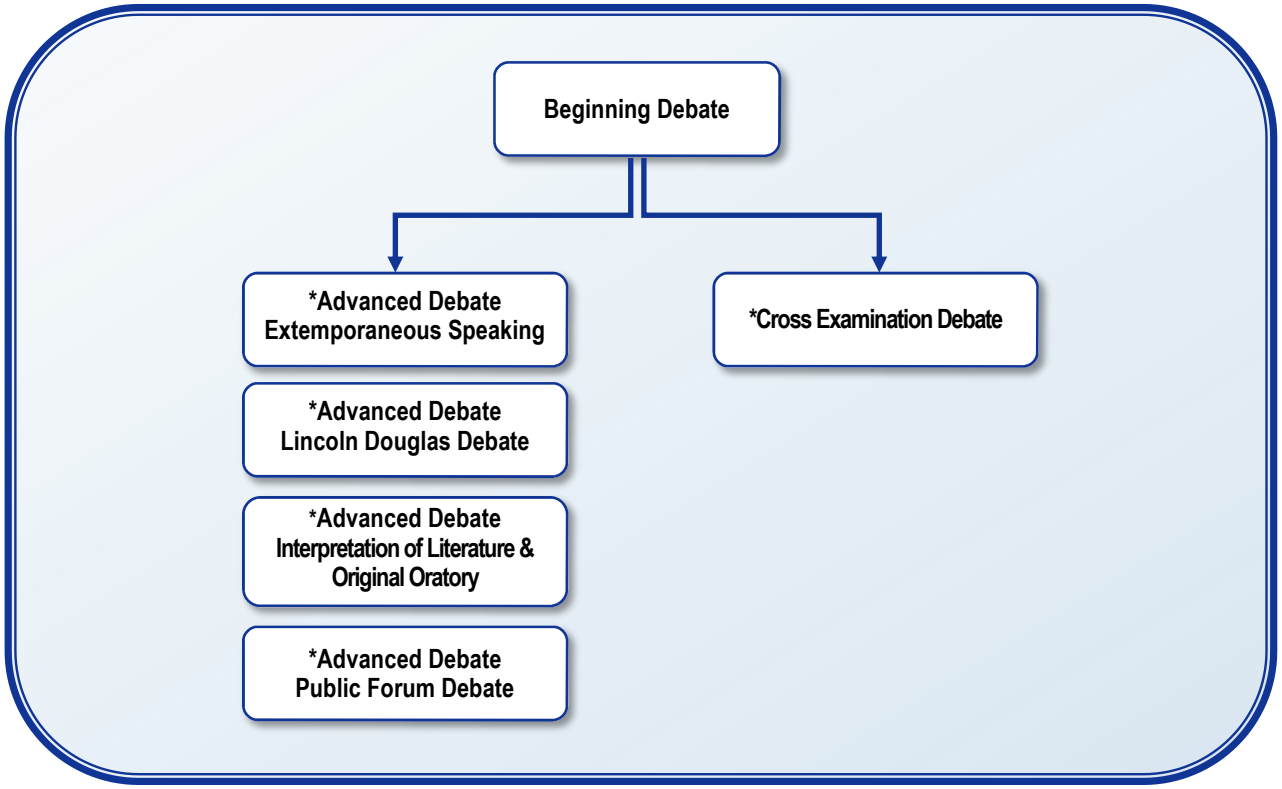
You must take one full-year course as a junior: CP English 11, AP Language and Composition, or two semester courses Introduction to College Composition is required if you choose this option. Your present English teacher will recommend which level CP or AP you must take based on your performance in 10th grade English.

Grade Twelve:

You must take one full-year course or two one-semester courses during your senior year. Please note that some English electives might not meet entrance requirements for some colleges/universities. Generally, colleges and universities will accept all courses which have significant writing and/or literature components. If you have questions concerning the following courses, please ask the English department coordinator or your counselor.



SPEECH AND DEBATE



⇒ Beginning Debate is the prerequisite class where students learn the speaking, critical thinking and research skills required for all advanced debate classes.

⇒ Students must be enrolled in a speech/debate class to participate on the Speech & Debate team.

⇒ After completing Beginning Debate, students, in consultation with Debate teachers, choose a primary event and enroll in the appropriate Advanced Debate class.

NOTE: *Courses designated with *asterisk receive a weighted grade*

***ADVANCED DEBATE HONORS** ★

Grade Levels: 10-12 Credit: 1 Term: Year
Prerequisite: Teacher approval

An honors course and an extension of Beginning Debate. This course is co-curricular and students are required to participate in competitive speech and debate activities. Teacher approval is required. Areas of intensive study include Lincoln-Douglas, Public Forum Debate, Original Oratory, Extemporaneous Speaking and Interpretation of Literature. This course earns English credit but does not meet the English requirement for graduation.

***ADVANCED PLACEMENT LANGUAGE AND COMPOSITION**

Grade Level: 11 Credit: 1 Term: Year
Prerequisite: English 10H or Teacher recommendation

AP Language and Composition combines an important preparation for AP Literature and Composition in the senior year with a thorough preparation for taking the AP Language and Composition examination in May of the junior year. The course combines the study of major literary elements found in works of the 18th to 21st centuries with the study of rhetorical forms and stylistic devices found in nonfiction passages. Students will develop critical reading and critical thinking skills along with analytical expository writing skills. Writing in -class essays in response to essay prompts from previous AP Lang/Comp exams constitutes a significant aspect of this challenging course.

***ADVANCED PLACEMENT LITERATURE AND COMPOSITION**

Grade Level: 12 Credit: 1 Term: Year
Prerequisite: Teacher recommendation

In AP Literature and Composition, students develop critical reading and critical thinking skills through the close reading of novels, plays, short stories, and poetry from the 16th to the 21st centuries. Students focus on the relationship between the author's artistic use of literary techniques and the deeper meaning of the works. In May, students are expected to take the AP Literature and Composition exam that tests for the reading and writing skills expected at the end of the college freshman year. Writing outside papers and in-class essays of literary analysis constitute a significant aspect of this challenging course.

***CROSS-EX DEBATE HONORS** ★

Grade Levels: 10-12 Credit: 1 Term: Year
Prerequisite: Beginning Debate and Teacher Approval

This honors class is competitive in its nature. Teacher approval is required. This course is co-curricular and students are required to participate in competitive speech and debate activities. Students will focus on the national cross examination topics and public policy issues. They will research both affirmative and negative sides of the topic. Emphasis is on research, logic, writing critique briefs, use of evidence, speaking, and cross examination techniques. This course earns English credit but does not meet the English requirement for graduation.

***ENGLISH 10 HONORS**

Grade Level: 10 Credit: 1 Term: Year
Prerequisite: Teacher recommendation

English 10H is a one-year course that expands the student's understanding and appreciation of American, English and continental literature. Course content emphasizes critical thinking skills in both reading and writing. Expository essays, creative writing assignments, and a library paper are included in the writing program that continues the focus on the writing process.

***ENGLISH 9 HONORS**

Grade Level: 9 Credit: 1 Term: Year
Prerequisite: Teacher recommendation

English 9H is a one-year course emphasizing the development of essential skills in reading, writing, speaking, and listening. The content includes an introduction to the various literary styles, vocabulary, applied grammar, and the structure of paragraphs and short essays. The pre-writing, writing, and revising process is stressed throughout the year.

BEGINNING DEBATE

Grade Levels: 9-10 Credit: 1 Term: Year
Prerequisite: None

An introduction to the theory of debate and discussion techniques will be the focal point of this class. It will include the theory of group process and the devel-opment of leadership skills. Research, reasoning, organization of ideas, and oral presentation are a few of the areas that will be developed. Competitive debate and speech will be introduced and the students will have the opportunity to become members of the team. This course earns English credit but does not meet the English requirement for graduation.

***CE ENGLISH COMPOSITION 1**

Grade Levels: 11-12 Credit: .5 Term: Sem.
Prerequisite: None

This course emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. The course includes a minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing. This course is required for juniors who choose to take the electives' option.

This course aligns with the Colorado Community College course Basic Composition 090 (ENG 090). Qualified students who pass the course with a C - or better will meet English entry requirements for all public colleges and universities in the state of Colorado. See page 10 for more information.

***CE INTRODUCTION TO LITERATURE 1**

Grade Level: 12 Credit: .5 Term: Sem.
Prerequisite: None

This course emphasizes the close study of fiction genres, including poetry, drama, and narrative (novellas and novels). Students will read and interpret a variety of texts in detail, work extensively with literary devices in the context of their contribution toward textual meaning, and study and practice elements of writing effective literary analysis.

This course aligns with the Colorado Community College course Introduction to Literature 115 (LIT 115). Students enrolled in this course will complete college-level work during their senior year of high school. Students who earn a C- or better in the class will receive 3 community college credits. These are guaranteed transfer credits to public colleges and universities in Colorado. See page 10 for more information.

CP ENGLISH 9

Grade Level: 9 Credit: 1 Term: Year
Prerequisite: Teacher recommendation

CP English 9 is a one-year course emphasizing the development of essential skills in reading, writing, speaking, and listening. The content includes an introduction to the various literary styles, vocabulary, applied grammar, and the structure of paragraphs and short essays. The pre-writing, writing, and revising process is stressed throughout the year.

CP ENGLISH 10

Grade Level: 10 Credit: 1 Term: Year
Prerequisite: Teacher recommendation

CP English 10 is a one-year course that expands the student's understanding and appreciation of American, English and continental literature. Course content emphasizes critical thinking skills in both reading and writing. Expository essays, creative writing assignments, and a library paper are included in the writing program that continues the focus on the writing process.

CP ENGLISH 11

Grade Level: 11 Credit: 1 Term: Year
Prerequisite: Teacher recommendation

CP English 11 concentrates on strengthening the student's skills in writing with emphasis on developing a subject in depth and refining writing style. Literature-based writing assignments emphasize critical analysis and argumentative defenses of thesis positions. Students study a wide range of literary types - novels, short stories, poetry, and drama, both contemporary and classic - that reflect their diverse cultural heritage.

CP AFRICAN AMERICAN LITERATURE

Grade Levels: 11-12 Credit: .5 Term: Sem.
Prerequisite: None

This course will introduce historical and contemporary perspectives from African Americans through their literature. The objective of the class will be to analyze various genres of literature created during four eras of African American history starting with the Harlem Renaissance. All assignments will help students improve their reading, writing, and analytical skills in preparation for college success. Juniors must also register for CE English Composition 1 or CP Survey of Composition with this elective.

CP CONTEMPORARY AWARD WINNERS
Grade Levels: 11-12 Credit: .5 Term: Sem.
Prerequisite: None

This course will introduce students to popular genres in contemporary literature through the study of award-winning authors and novels in areas such as mystery, biography, western, horror and crime thriller. Assignments will be designed to improve reading comprehension, build vocabulary, and strengthen writing skills. Juniors must also register for CE English Composition 1.

CP CREATIVE WRITING
Grade Level: 12 Credit: .5 Term: Sem.
Prerequisite: None

In this class, students will study, write, and revise poems, short stories, and/or short plays in a workshop situation. Weekly writing assignments and journals emphasize the skills applicable to writing creatively in various genres.

STUDENT ENGLISH TUTOR/Writers' Studio Tutor ★
Grade Level: 10-12 Credit: .5 Term: Sem.
Prerequisite: Teacher recommendation

This is a semester-long elective. Students will learn how to support their peers in developing writing skills through work in the Writers' Studio. They'll develop tutoring techniques, deepen their own understanding of writing, revision, rhetoric, and audience, and practice leadership, communication, and reflective habits. Students will serve as peer tutors: working with writers (9-12) across a range of genres (essays, research papers, creative pieces, etc.), learning to diagnose writing issues, and helping without fixing. They will also learn the theory behind writing center work (process writing, conferencing, giving feedback, etc.). Students can take this elective over multiple semesters.

CP INTRODUCTION TO QUEER (LGBTQIA+) LITERATURE
Grade Levels: 11-12 Credit: .5 Term: Sem.
Prerequisite: None

This is a semester-long 12th grade English class. The class introduces students to the stories of LGBTQIA+ authors and characters in order to add another, often overlooked voice to the literary canon. Students will read a variety of fiction, nonfiction, and poetry to address the many facets of what it means to be queer now and throughout history.

CP JOURNALISM *(Union Street Journal)* ★
Grade Levels: 9-12 Credit: .5 Eng./.5 Elective Term: Year
Prerequisite: None

This year-long course will explore interviewing techniques, hard news writing, feature news writing, research, editorial writing, and investigative reporting. In addition, the course will explore word processing and desk top publishing skills and basic newspaper layout and design skills. Students will produce the Union Street Journal newsmagazine and website as part of this course. Students will earn .5 elective credit for the first semester and .5 English credit for the second semester. Students can only earn the .5 English credit if they enroll in the class before or during 1st semester and remain in the class through 2nd semester. This course is repeatable due to participation in USJ, but only for elective credit.

CP JOURNALISM LEADERSHIP WORKSHOP ★
Grade Levels: 10-12 Credit: .5 Term: Sem.
Prerequisite: CP Journalism

This semester course is open to students who are dedicated to advancing their journalistic and graphic design skills and leadership experiences. Students in this course are the editorial board members of the Union Street Journal—the public forum of CCHS—and are responsible for the reportage, design, layout, production, and distribution of the USJ; additionally, editors are responsible for monthly reporting and writing. Workshop students will be instructed in the elements and process of graphic design and are expected to explore, expand, and experiment with the tools of both print and digital design and production, two of which include Adobe's Photoshop and InDesign on the HP platform.

Beyond assembling his or her own portfolio for assessment, students are responsible for entering the USJ in at least two competitions during a school year. This course runs concurrently with Journalism, so that editors and staff writers can effectively collaborate in the production of the USJ. Both courses are co-curricular and have required reading. Journalism Leadership Workshop can earn a student either a .5 Fine Art or English Department core requirement. This class can be repeated with approval from instructor for elective credit.

CP MULTICULTURAL LITERATURE
Grade Levels: 11-12 Credit: .5 Term: Sem.
Prerequisite: None

This course will introduce historical and contemporary perspectives of the roles minorities and women have played. Using fiction, non-fiction, formal poetry, essays, and film, students will gain an understanding of the achievements, contributions, and myths of these groups so that they will not be limited by social and political mores. Students will read, discuss, view, and write about issues and concerns appropriate for the college-bound student. Juniors must also register for CE English Composition 1 or CP Survey of Composition with this elective.

CP MYTHOLOGY TO FOLKLORE-ORAL TRADITION
Grade Levels: 11-12 Credit: .5 Term: Sem.
Prerequisite: None

Over the course of the semester, students will explore the dynamics of oral tradition from the ancient world to the modern-day via the story systems of myth and folklore. Through a study of Greek and other mythologies, Homer's *The Odyssey*, fairy tales, and urban legend, the course will explore the reasons behind and within our storytelling. Students will examine the historical and social context of mythology and folklore, with a particular focus on the psychological content (i.e. conscious vs. unconscious influence on content, meaning of archetypes as universal patterns within stories, etc.). Students will begin with the Greek system of mythology followed by the exploration of fairy tales collected by the Brothers Grimm, and finish the semester examining the concept of legends and urban legends in recent history as well as in our contemporary world. Throughout the semester, students will also have the opportunity to research and learn about mythology and folklore from a variety of cultures around the world and from throughout time. Students should expect frequent reading assignments as well as assessments such as quizzes, tests, essays, and projects. Juniors must also register for CE English Composition 1 or CP Survey of Composition with this elective

CP SCIENCE FICTION *(Science Fiction, Fantasy and Horror)*
Grade Level: 12 Credit: .5 Term: Sem.
Prerequisite: None

This senior elective course recognizes and explores the literary merit of these given genres and the mature, thought-provoking ideas that they present. The literary curriculum changes from semester to semester as the students will participate in the selection of titles via a democratic process. Over the course of the semester, the class will read at least one work of each of the genres. Through a series of thought-provoking discussions as well as creative and analytical writing, students will explore the ways these authors analyze society and individuals.

CP SENIOR SEMINAR: LITERATURE AND WRITING
Grade Level: 12 Credit: 1 Term: Year
Prerequisite: None

Senior Seminar is a rigorous, discussion-based capstone course for college-bound seniors that explores contemporary literature and nonfiction texts—including documentaries, essays, and podcasts. Students refine their analytical and expository writing skills while engaging in seminar discussions that emphasize the 21st-century skills of critical thinking, creativity, collaboration, and communication. The course prepares students for the reading, writing, and discourse expectations of college and beyond.

CP SHAKESPEARE
Grade Levels: 11-12 Credit: .5 Term: Sem.
Prerequisite: None

This course includes a close examination of a limited number of Shakespeare's major plays, at least one from each of these three areas (tragedy, comedy, history). Additional plays and the sonnets will be examined as time permits. The course emphasizes Shakespeare's knowledge of human nature and his unique poetic and dramatic idiom. The course provides for various kinds of writing experience on a regular basis. Juniors must also register for CE English Composition 1 or CP Survey of Composition with this elective

CP SURVEY OF POETRY

Grade Levels: 11-12 Credit: .5 Term: Sem.
Prerequisite: None

Survey of Poetry, a semester-long course, will be devoted to studying British and American poetry from the sixteenth century to the present. Poets will be studied chronologically within their *Appropriate literary periods. Interpretive focus will be on historical context and reader-response criticism. Juniors must also register for CE Introduction to College Composition or CP Survey of Composition with this elective.

CP SURVEY OF COMPOSITION

Grade Levels: 11-12 Credit: .5 Term: Sem.
Prerequisite: None

This course proposes to improve the eleventh or twelfth grade student's ability to organize, develop, and express ideas in standard non-fiction forms such as argumentative writing, rhetorical analysis, research based writing, and synthesis writing. This course will also include preparation for the CCSD secondary literacy assessment.

CP WRITING ON FILM

Grade Level: 12 Credit: .5 Term: Sem.
Prerequisite: None

A study of film as literature, art form, and medium of communication through active viewing, reflective response through reaction papers, formal essays, discussion, and gradual acquisition of ability to judge quality. Emphasis will be placed on furthering students' composition skills. Reaction papers and essays will constitute the major percent of the final grade.

***DE NARRATIVE ART IN LITERATURE AND FILM**

(Dual credit is available through the University of Colorado at Denver)

Grade Level: 12 Credit: .5 Term: Sem.
Prerequisite: CP English 11

This course asks students to explore how stories determine who we are. Everything people do fits into a narrative pattern, evident everywhere from TV news to memory to daily schedules. College-level reading paired with the study of film narratives will guide students to analyze how literary and cinematic style create meaning in stories. Through guided discussions and a variety of challenging writing assignments, students are encouraged to think critically about how stories shape who we are and how we view our experiences. If students wish to receive university credit, they are responsible for paying a tuition fee to CU.

READING ESSENTIALS

Grade Levels: 9-11 Credit: .5 Term: Sem.
Prerequisite: STAR Testing Scores and Counselor/Teacher Recommendation

Reading Essentials 1 is an intensive intervention class which provides support for students who enter high school at risk for failure due to poor reading comprehension and critical thinking skills. Students qualify for these classes based on standardized test scores. Participation is not limited by English level placement. Reading Essentials must be taken in conjunction with a regular English class. If a student in Reading Essentials 1 is not reading at grade level at the end of the semester, he or she will be placed in Reading Essentials 2. This course earns elective credit only.

WRITING CLINIC

Grade Level: 12 Credit: .5 Term: Sem.
Prerequisite: None

This course is intended to help the senior student who wishes to improve his/her mechanical skills, practical writing skills, academic writing skills, and non-fiction reading skills.

ENGLISH LANGUAGE DEVELOPMENT 1

Grade Level: 9-12 Credit: .5 Term: Sem.
Prerequisite: None

English Language Development 1 (ELD1) is designed to develop and grow the English language proficiency of multilingual learners across the four language domains of listening, speaking, reading, and writing, using content-specific academic language.

ENGLISH LANGUAGE DEVELOPMENT 2

Grade Level: 9-12 Credit: .5 Term: Sem.
Prerequisite: None

English Language Development 2 (ELD2) is designed to grow the English language proficiency of multilingual learners across the four language domains of listening, speaking, reading, and writing, using content-specific academic language.

NEWCOMER

Grade Level: 9-12 Credit: .5 Term: Sem.
Prerequisite: None

Newcomer / SLIFE course is designed to develop beginning English language proficiency of new to country students who have experienced interrupted formal education in their home countries. Students will grow English proficiency across the four language domains of listening, speaking, reading and writing using content-specific academic language.

SOCIAL STUDIES

DIRECTIONS FOR REGISTRATION

To meet district graduation requirements, students must take three (3) credits in social studies including one (1) full credit in United States History and one-half (.5) credit in American Government.

The following course of study is highly recommended:

1 credit….AP US History (with required placement exam), CP US History or CP Humanities 9 (9th grade)
1 credit….AP World History, CP World History or AP European History (10th grade)
½ credit….AP US Government or CP American Government (11th – 12th grade)

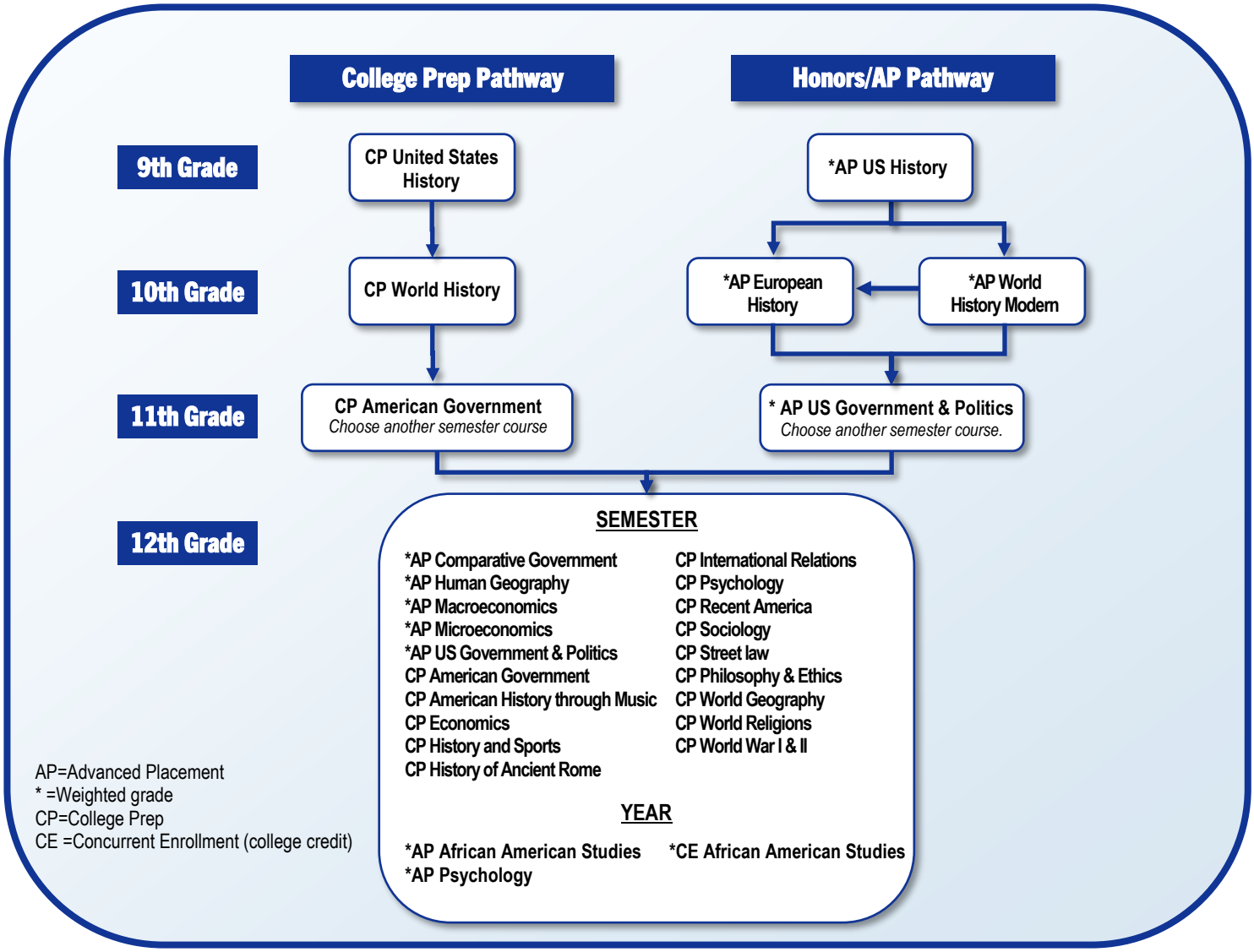
Freshmen should enroll in AP US History (with required placement exam), CP US History, CP Humanities 9. CP US History is also offered in the 11th grade for those students who have not yet earned the required credit(s) for US History.

Sophomores should enroll in AP World History, CP World History, or AP European History.

Juniors and seniors must choose from the following elective courses:

*CE African American Studies	CP International Relations	CP World Geography	*AP European History
CP American Government	CP Philosophy	CP World Religions	*AP Human Geography
CP American History through Music	CP Psychology	CP World Wars I & II	*AP Macroeconomics
CP Economics	CP Recent America	*AP African American Studies	*AP Microeconomics
CP History and Sports	CP Sociology	*AP Comparative Government	*AP Psychology
CP History of Ancient Rome	CP Street Law	*AP United States Government	*AP US History
			*AP World History: Modern

Please note that with the exception of AP US History, electives are NOT open to freshmen and most are not open to sophomores.
Students planning to attend college should take four (4) credits in Social Studies.



***ADVANCED PLACEMENT AFRICAN AMERICAN STUDIES**

Grade Levels: 11-12 Credit: 1 Term: Year
Prerequisite: None

This course is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American Studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course focuses on a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora. Students are expected to take the AP African American Studies exam in the spring.

***ADVANCED PLACEMENT COMPARATIVE GOVERNMENT AND POLITICS**

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

This class is the equivalent to a one semester college course in comparative political systems. Students analyze documents, data, and write logical essays as a means of mastering the subject. As a result, students gain an understanding of the origins, beliefs, divisions, role of citizens, framework, and forces of change in political systems throughout the world. Students are expected to take the AP Comparative Government and Politics exam in the spring.

***ADVANCED PLACEMENT EUROPEAN HISTORY**

Grade Levels: 10-12 Credit: 1 Term: Year
Prerequisite: U.S. History 9

This is a college-level course in European history from the Renaissance to the present. The assigned text and readings will be lively, sophisticated, and challenging. Students analyze primary sources and write expository essays as a means of mastering the subject matter. Cause and effect relationships are emphasized. This class is ideal for students who have keen interests in history, enjoy stimulating discussions and debates, and are curious to learn about the political, economic, and intellectual origins of contemporary Western civilization and its relationship to the world. Students are expected to take the AP European History exam in the spring .

***ADVANCED PLACEMENT HUMAN GEOGRAPHY**

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

This class is an introduction to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students study the nature and perspective of geography, population factors, cultural patterns and processes, the political organization of states, rural and agricultural land use, industrialization and economic development and urbanization. They employ spatial concepts and landscape analysis to study human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Students are expected to take the AP Human Geography exam in the spring.

***ADVANCED PLACEMENT MACROECONOMICS**

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: Successful completion of AP Microeconomics

The purpose of an AP course in macroeconomics is to give students a thorough understanding of the basic principles of economics that apply to economic growth and productivity as well as the policy tools used to impact the economy. It places primary emphasis on economic indicators such as inflation, unemployment, and GDP growth while also incorporating international trade into the domestic economic analysis. Students are expected to take the AP Macroeconomics exam in the spring.

***ADVANCED PLACEMENT MICROECONOMICS**

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

This class is equivalent to a one semester college course in microeconomics. The course covers the concepts of supply and demand, the workings of a firm, factors of production, efficiency, and the role of the government in our economy. The course will apply these concepts to current events and issues. Students are expected to take the AP Microeconomics exam in the spring. This course includes personal financial literacy standards.

***ADVANCED PLACEMENT PSYCHOLOGY**

Grade Levels: 11-12 Credit: 1 Term: Year
Prerequisite: None

Advanced Placement Psychology is designed to introduce students to the scientific study of mental process and behavior. Students will be exposed to the major subfields of psychology as well as methods and practices. An Advanced Placement exam will be administered at the end of the course providing students with the opportunity to obtain college credit and/or advanced placement in college courses. Each student is expected to take the Advanced Placement Psychology Exam in the spring.

***ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS**

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

This class is the equivalent to a one semester college course in United States government. Students analyze documents and data, and write logical essays as a means of mastering the subject. As a result, students gain an understanding of the foundation of U.S. government, political beliefs, the role of parties and interest groups, the institutions of the national government, public policy, and civil rights and civil liberties. Students are expected to take the AP United States Government and Politics exam in the spring. This course, combined with the AP Comparative Government and Politics course spring semester, allows a student to earn one advanced placement credit in government. This course meets the American Government requirement for graduation.

***ADVANCED PLACEMENT UNITED STATES HISTORY**

Grade Levels: 9, 11 - 12 Credit: 1 Term: Year
Prerequisite: 9th graders must be concurrently enrolled in Honors English 9. (*Incoming 9th grade students will be required to take a placement exam for this course.)*

This class is equivalent to a full year college course in U.S. History. Through taking this course, students will gain a good overall understanding of the people, events, movements and ideas that have shaped American society. Students will read a variety of historians' perspectives as well as primary source documents and will interpret and incorporate them into persuasive essays as well as discuss them in class. As a result, students will not only gain a thorough knowledge of the history of our nation but will hone the writing skills necessary for success in college. Students are expected to take the Advanced Placement U.S. History exam in the spring. This course meets the U.S. History requirement for graduation.

***ADVANCED PLACEMENT WORLD HISTORY: MODERN**

Grade Levels: 10-12 Credit: 1 Term: Year
Prerequisite: None

This class is equivalent to a full-year college course in World History. It focuses primarily on the past eight hundred years of the global experience. Students analyze interaction among major societies, change and continuity across the world, the impact of technology and demography, social and gender structures, cultural and intellectual developments. This course includes the Holocaust and Genocide studies. Students are expected to take the AP World History exam in the spring.

CE AFRICAN AMERICAN STUDIES

Grade Levels: 11-12 Credit: 1 Term: Year
Prerequisite: None

This course is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. This course focuses on a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

This course is approved by Arapahoe Community College. Upon completion of this course with a C- or higher, a student will have earned 3 community college credits that can be transfered to any Colorado community college/college/ university to fulfill a social studies requirement.

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CP AMERICAN GOVERNMENT

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: U.S. History is recommended

This course helps students attain civic competency. It focuses on the vital role of the citizen in a democratic society. Students gain an understanding of government in the United States and participate actively in the political process. This course covers the foundation of American government, political behavior, the legislative, executive, and judicial branches, and Colorado state and local government. This class focuses on participation in government and political behavior. Current events and issues concerning government in the United States will be integrated throughout the course.

CP AMERICAN HISTORY THROUGH MUSIC

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisite: Successful completion of Year of US History, or Humanities 9 American Studies or US History 11-12 Sem 1, US History 11-12 Sem 2.

Music represents thoughts, feelings, and cultural changes over time that have his-toric value. The primary focus will be U.S. history, with music playing an instrumental role in providing insight into the times. Students will analyze songs to determine their cultural impact. Lectures, group work, Socratic Seminars, and multiple research projects will be completed.

CP ECONOMICS

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

This course introduces students to the terminology and philosophy of modern-day economics. Topics range from the individual's role in the market place to the conglomerate's role in the world economy. This course includes personal financial literacy standards.

CP HISTORY AND SPORTS

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

This course offers an in-depth analysis of the development of sports from a variety of historical perspectives. It explores the complex relationships between sports and social, economic, cultural, and political forces both in the United States and globally. The course will examine how sports have shaped, and been shaped by, issues of gender, race, ethnicity, social class, and national identity. Through primary sources, readings, multimedia, and discussion, students will analyze the role sports play in society and the lasting impact of athletic heroes, sporting events, and controversies throughout history.

CP HISTORY OF ANCIENT ROME

Grade Levels: 10-12 Credit: .5 Term: Sem
Sophomores must be concurrently enrolled in or successfully completed a world history course.
Prerequisite: None

This course will examine the history of a civilization that began as a small settlement of traders and eventually conquered the Mediterranean World: from its mythological foundations dating back to the Trojan War through its wars against Carthage, gladiators, assassination, betrayal, and beyond. Through discussion, lecture, debate, mock trial and other methods, students will learn about the art, culture, religion, military strategy, government, politics and much more, of Ancient Rome. Students will learn what made Rome so successful as well as what led to its decline.

CP HUMANITIES 9: AMERICAN STUDIES and
1 CP HUMANITIES ENGLISH 9: AMERICAN STUDIES

(You must register for both courses.)

Grade Level: 9 Credit: 2(l Eng., 1 S.S.) Term: Year
Prerequisite: None

Humanities 9 is team taught by one English and one Social Studies teacher. The class meets during back-to-back periods and satisfies all English 9 and U.S. History 9 requirements. The class differs from traditional approaches in that history is taught thematically rather than chronologically. Works of historical fiction and narrative nonfiction, selected to promote reader interest, largely replace the traditional history textbook. Guest speakers, guest panels, and authors are engaged whenever possible. All English skills relating to the study of literature, writing, and mechanics are emphasized.

Students must register for both classes, and courses will be scheduled in a back-to-back, two-period configuration.

CP INTERNATIONAL RELATIONS

Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: *Sophomores must be concurrently enrolled in or successfully completed a world history course.*

What are the major challenges to U.S. national security? How will the U.S. deal with global issues such as terrorism, nationalism, climate change, disease, space exploration and the threat from weapons of mass destruction? What should be U.S.'s national defense strategy? How do the U.S. and multinational organizations advance their goals? Featuring simulations, discussions and projects, the course will explore these essential questions and more.

CP PSYCHOLOGY

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

CP Psychology investigates the individual and the three core and interacting processes of humans: thinking, acting, and emoting. This course aims to help students understand both themselves and others better. The broad psychological perspectives for this course include biological, behaviorist, cognitive, psychodynamic, humanistic and sociocultural. Specific topics of investigation include learning theory, cognition and memory, the physiological bases of behavior and mental activity, motivation, social perceptions and social influence, personality theory, stress and conflict, and psychological disorders.

CP RECENT AMERICA: 1945 TO PRESENT

Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: *Sophomores must be concurrently enrolled in or successfully completed a world history course.*

This course will study major social, political, and military events which occurred in American History during the period 1945 to present. Examples of topics covered are the Cold War through the fall of the Soviet Union, the Korean War, the Vietnam War, the culture of the 1950s and 1960s, the Kennedy assassination, the Watergate scandal, the Civil Rights movement, and the Women's Rights movement. The United State's role in the Middle East during this time period and the events of 9/11 will also be studied in depth. Current events related to these topics will also be studied in order to understand their impact on our world today.

CP SOCIOLOGY

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

CP Sociology is the study of how humans behave as groups. Topics covered in this class include race, gender and gender orientation, deviance (crime), and poverty. Our goal is to better understand the problems and struggles of the world in an effort to help correct them. We will learn how to view the world through the lens of sociological theory and how to best utilize social research methods.

CP STREET LAW

Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: *Sophomores must be concurrently enrolled in or successfully completed a world history course.*

Street Law is an introductory course to law and legal systems in the United States. Units include Introduction to law and Constitutional law, Criminal law, the Criminal Justice Process and Tort law. The course touches on broad and specific legal topics to give students a better understanding of law and how it affects them in real life and their rights against the government. Case studies, individual research, group discussions/debate, guest speakers and mock trials are used throughout the course.

CP UNITED STATES HISTORY

Grade Level: 9 Credit: 1 Term: Year
Prerequisite: None

Colorado state law requires that students complete a full year of US History. Covering the entire span of U.S. History from the Reconstruction until the present day, this course is required of all ninth grade students. Besides mastering the content of history, students develop communication skills.

CP UNITED STATES HISTORY 11/12 Semester 1

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

Colorado state law requires that students complete a full year of US History. This course is for students who need to complete the first semester of United States History, which covers the pre-colonial era through reconstruction.

CP UNITED STATES HISTORY 11/12 Semester 2

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

Colorado state law requires that students complete a full year of US History. This course is for students who need to complete the second semester of United States History, which covers from World War I to the present.

CP WESTERN PHILOSOPHY & ETHICS

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

Philosophy is the study of the universe based on logical principles instead of relying on authority, religion, and tradition. Invented by the ancient Greeks, philosophy is concerned with how the universe works, how we know what we think we know, and the best way to live your life. This is a discussion based class.

CP WORLD GEOGRAPHY

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: *Sophomores must be concurrently enrolled in or successfully completed a world history course.*

This course examines the importance of geography in understanding the world. The course is organized on the basis of the five themes of geography: location, place, relationships within places, movement, and regions. Geography skills and contemporary geography-related issues are taught.

CP WORLD HISTORY

Grade Level: 10 Credit: 1 Term: Year
Prerequisite: None

This course surveys world history from the emergence of civilization to the present day. Students will study political, social, economic and cultural forces in both Western and non-Western civilizations. This course includes the Holocaust and genocide studies.

CP WORLD RELIGIONS

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

By comparing and contrasting the major religions of the world, students gain a greater appreciation of basic questions such as: Who am I? Where did I come from? What is the meaning of life? Is there life after death? Guest speakers will share their perspectives.

CP WORLD WAR I AND II

Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: *Sophomores must be concurrently enrolled in or successfully completed a world history course.*

This course will study World War I and World War II from the perspective of multiple countries. The causes, effects, battles and politics of the wars will be studied in depth - examining strategy, international relations, the home front, and the personal experiences of the soldiers. The evolution of technology, propaganda and genocide of the time period will also be examined. As a result of taking this course, students will also develop an understanding of the impact of the World Wars on current international affairs.

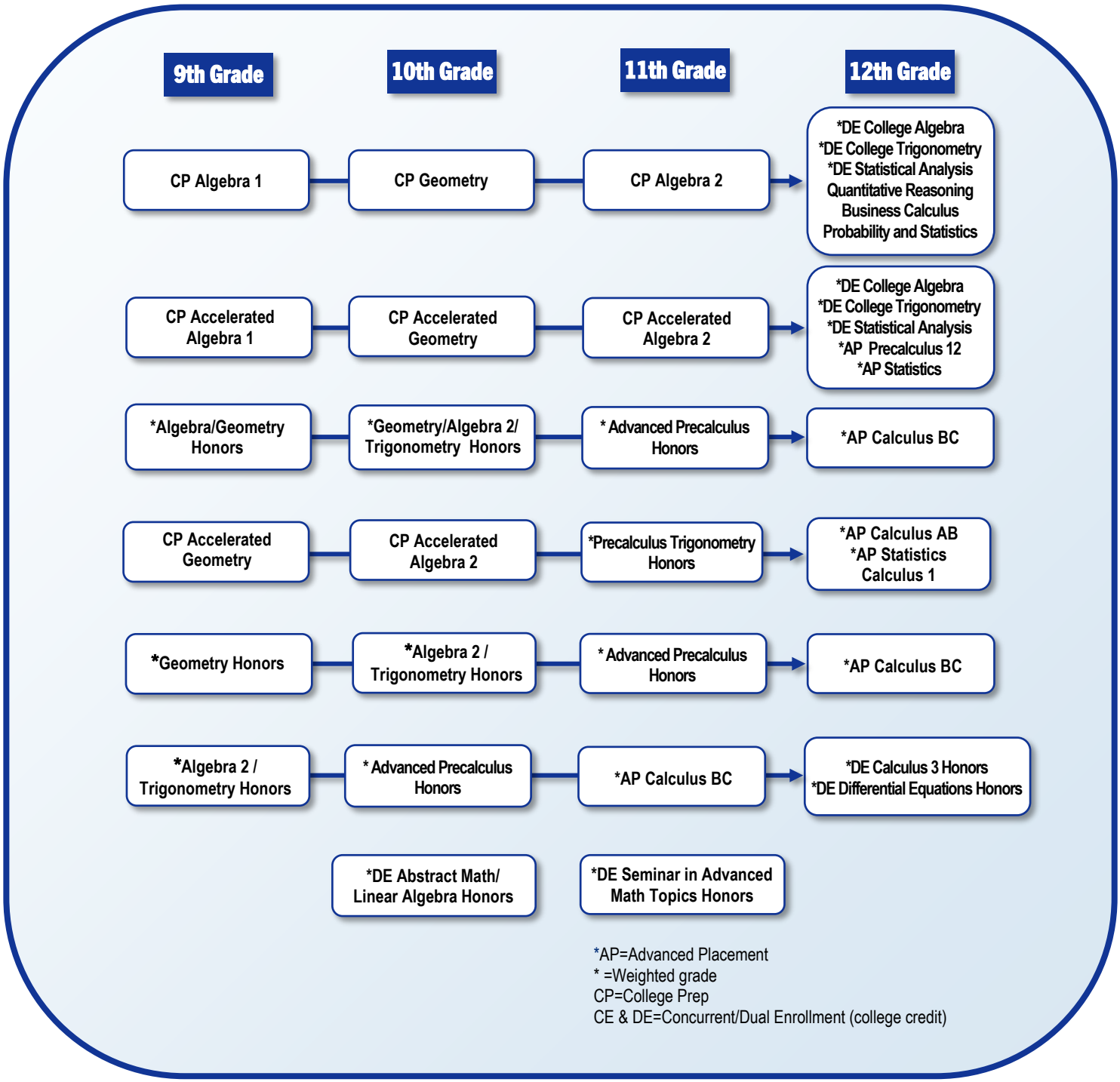
MATHEMATICS

It is the desire of the mathematics department of Cherry Creek High School that all students will be able to take four years of high school mathematics. . Each student should be allowed to follow a sequence of courses, which will enable him or her to advance to their individual potential. The nature of the material and the degree to which it will be covered should determine individual placement.

A college-bound student with an intended major requiring advanced mathematics (such as physics, chemistry, biology, or mathematics), should consider the honors level courses Geometry H, Algebra 2/Trigonometry H, Pre Calculus H, AP Calculus BC.

All in-district students need a teacher recommendation for course placement.

Graphing Calculator Requirements: Students are required to have a graphing calculator for all courses. A TI-83 or TI-84 is preferred.



***ADVANCED PLACEMENT CALCULUS AB**

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: Pre-Calculus/Trigonometry or Pre-Calculus Honors

This class is a college level course for motivated students who have completed Pre-Calculus/Trigonometry or Pre-Calculus Honors. AP Calculus AB examines the theory of limits with selected methods and applications of differential and integral calculus. Students are expected to take the AP Exam given in the spring.

***ADVANCED PLACEMENT CALCULUS BC**

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: Pre-Calculus H

AP Calculus BC is considerably more extensive than AP Calculus AB and is recommended primarily for H-track Students. This course is a full-year college level course. Topics include limits and continuity, methods and applications of differentiation and integration of algebraic and transcendental functions and infinite series. Students are expected to take the AP Exam given in the spring. This course is equivalent to two semesters of college calculus; Calculus 1 and Calculus 2.

***ADVANCED PLACEMENT PRECALCULUS 12**

Grade Level: 12 Credit: 1 Term: Year

Prerequisite: CP Accelerated Algebra 2 with a grade of at least a B or teacher recommendation

AP Precalculus is designed to be the equivalent of a first semester college precalculus course. AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college level mathematics courses. This course explores a variety of function types and their applications—polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices. Throughout the course, the mathematical practices of procedural and symbolic fluency, multiple representations, and communication and reasoning are developed. Students experience the concepts and skills related to each function type through the lenses of modeling and covariation and engage each function type through their graphical, numerical, analytical, and verbal representations.

***ADVANCED PLACEMENT STATISTICS**

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: CP Accelerated Algebra 2 with a grade of at least a B or teacher recommendation

This course is a college level course for motivated students who have completed at least CP Algebra 2. Topics include exploratory analysis of data, planning a study and collection of data, producing statistical models using probability distributions, and statistical inference. Students are expected to take the AP Exam given in the spring.

***ADVANCED PRECALCULUS HONORS**

Grade Levels: 9-11 Credit: 1 Term: Year

Prerequisite: Algebra 2/Trig Honors

This course is designed to prepare students for the AP Calculus class (or a college calculus class). The course combines Pre-Calculus topics such as functions, sequences and series, parametric and polar equations, logarithms and trigonometry with differential calculus topics including limits, continuity, differentiation techniques, related rates and max/min applications.

***ALGEBRA 1/GEOMETRY HONORS**

Grade Level : 9 Credit: 1 Term: Year

Prerequisite: Geometry Honors

Algebra/Geometry Honors is an advanced course designed for students with a strong mathematical background, combining concepts from Algebra 1 and Honors Geometry. This course emphasizes the development of critical thinking and problem-solving skills through a cohesive study of algebraic expressions, linear equations, functions, and geometric principles. Key topics include: solving and graphing linear equations, exploring functions and their properties, understanding congruence and similarity in geometric figures, and applying geometric concepts to real-world problems. Students will engage in collaborative projects and rigorous assessments to enhance their understanding. This integrated approach prepares students for the challenges of Integrated 2 math the following year. Admittance is by placement test, ensuring that participants are poised for success in this challenging curriculum.

***GEOMETRY/ALGEBRA 2/TRIGONOMETRY HONORS**

Grade Level : 10 Credit: 1 Term: Year

Prerequisite: Algebra 1/Geometry H

Geometry/Algebra 2/Trigonometry H builds on the foundations established in Algebra 1/Geometry Honors 1, merging advanced concepts from Honors Algebra 2 and Trigonometry with geometric reasoning. Designed for mathematically adept students, this course deepens their understanding of polynomial functions, quadratic equations, and trigonometric ratios while reinforcing geometric theorems and applications. Key topics include: analyzing quadratic functions, exploring exponential and logarithmic functions, solving systems of equations, and applying trigonometric principles to solve problems involving angles and circles. Students will engage in in-depth explorations and collaborative learning experiences, preparing them for the rigorous demands of Precalculus Honors and ensuring a smooth transition into AP Calculus. Admittance is by teacher recommendation only.

***ALGEBRA 2/TRIGONOMETRY HONORS**

Grade Levels: 9-11 Credit: 1 Term: Year

Prerequisite: Geometry Honors

This course continues the progression of the honors mathematics program at Cherry Creek High School. It encompasses the concepts of CP Accelerated Algebra 2, College Trigonometry, Pre-Calculus, and added topics with the greater depth of knowledge expected from honors classes. Rigor and pace are commensurate with the honors program.

***DE ABSTRACT MATH/LINEAR ALGEBRA HONORS**

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: Completion of/or concurrent enrollment in Calculus 3/Differential Equations or Coordinator/Teacher approval

ABSTRACT MATH: Abstract math is an introduction to pure mathematics centering on the structure of proof and linking computational processes with logical structure and provides a strong foundation for collegiate study into the mathematical sciences. Establishing logic, proof language, induction, and set theory the course will explore combinatorics, number theory, groups, rings, fields and topology.

LINEAR ALGEBRA: Linear Algebra is central to nearly all mathematics and is a foundational necessity for the mathematical and engineering theoretical sciences. This course will follow a classic sequence through matrix algebra, determinants, vectors in two and three space, metric spaces, eigenvectors, linear transformations, and applications to differential equations among other mathematical models.

***DE CALCULUS 3 HONORS**

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisite: AP Calculus BC

Topics of study in this course include vectors in the plane and in space, the dot and cross products, differentiation and integration of vector-valued functions, tangent and normal vectors, arc length, curvature, partial differentiation, directional derivatives, Lagrange multipliers, multiple integration, line integrals, and Green's and Stokes' theorems.

***DE DIFFERENTIAL EQUATIONS HONORS**

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisite: Calculus 3 Honors

This course will focus on various methods of solution for ordinary differential equations. The types of equation studies include first and second order equations, as well as first order, linear and non-linear systems. Methods of solution include various analytic techniques (separation of variables, integrating factors, Laplace transforms, etc.), slope fields, and Euler's method. Phase plane and eigenvector analysis are also considered.

***DE SEMINAR IN ADV MATH TOPICS**

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: AP Calculus BC, Grade of A, and score 5 on exam.

Corequisite: Calculus III and Differential Equations. Exceptions made with teacher recommendation.

This is a year long class for students interested in theoretical calculus offering an introduction to proof and exploring advanced topics in mathematics based on students' interest such as calculus-based statistics, calculus-based probability, and numerical analysis for example.

CU Succeed credit will be offered (but not required) as MATH 3310 which is a proof-based course that rigorously covers fundamental topics involving the real number system, sequences of real numbers, and functions of real numbers. Much of advanced mathematics, engineering, statistics/probability and physical sciences relies on the concepts we cover in this course. Descriptions of where topics play a role in more advanced areas will be given throughout the course. As this is offered to students with a wide range of backgrounds, age, and experience, an appropriate expectation will be common in the level of rigor but will differ in the level of sophistication.

***DE STATISTICAL ANALYSIS**

Grade Level: 12 Credit: 1 Term: Year
Prerequisite: CP Algebra 2/CP Accelerated Algebra 2

This is an introductory course in the summarization, analysis and interpretation of data in real world contexts, including medicine, psychology, economics and business. This course will provide an overview of data gathering techniques, descriptive statistics, linear regression, normal distributions, probability and inferential statistics as tools for drawing appropriate conclusions.

***GEOMETRY HONORS**

Grade Levels: 9-10 Credit: 1 Term: Year
Prerequisite: Recommendation of 8th grade Algebra or CP Accelerated Algebra 1 teacher

Honors Geometry is a proof-based course that uses deductive reasoning to develop understanding of geometric topics. The course provides an in-depth investigation of topics such as congruence and similarity, polygons and parallel and perpendicular lines, right triangle trigonometry, and area and volume. One of the objectives is for the students to appreciate the use of logic and reasoning as a tool for problem solving. This class will provide opportunities for deep thinking and investigation. The course also builds and strengthens topics from Algebra such as systems of equations, solving quadratic and linear equations, probability, and simplifying radicals. The rigor and the pace of Honors Geometry will be a great introduction to the honors program here at Cherry Creek High School.

***PRE-CALCULUS/TRIGONOMETRY HONORS**

Grade Levels: 11-12 Credit: 1 Term: Year
Prerequisite: CP Accelerated Algebra 2

This course is designed to prepare students for the AP Calculus AB class (or a college calculus class). The course combines Pre-Calculus topics such as functions, logarithms and trigonometry with differential calculus topics including limits, continuity, differentiation techniques, related rates and max/min applications.

BUSINESS CALCULUS

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: CP Algebra 2

Business Calculus is a course with broad applications in business, the biological sciences, psychology, sociology, economics and political science. Students intending to major in any of these disciplines should take this course. Its content includes matrices, Markov chains, linear programming, graph theory, finance, game theory, probability, logarithms, curve fitting, differentiation, and optimization. Technology, where applicable, will be used throughout the course.

CALCULUS 1

Grade Levels: 11-12 Credit: 1 Term: Year
Prerequisite: Pre-Calculus with Trigonometry

Calculus 1 will continue to develop topics of differential calculus that were in Pre-Calculus with Trigonometry and introduce topics of integral calculus. Students will study all of the topics in a typical college Calculus 1 class including methods and applications of limits, continuity, derivatives and integrals.

CP ACCELERATED ALGEBRA 1

Grade Levels: 9-11 Credit: 1 Term: Year
Prerequisite: Grade 8 math with teacher recommendation

This course encompasses the fundamental concepts of algebra in a more rigorous manner than CP Algebra 1. The content of Algebra 1 deepens and extends students' understanding of linear, quadratic and exponential functions. Students will be able to compare and contrast these equations to identify and explore the underlying mathematical structures that they share. Additionally, students engage in methods for analyzing, solving and applying these functions. Students explore many examples of functions, including sequences, and analyze them graphically, numerically, symbolically, and verbally. In addition, students apply these models to data and analyze how well the model fits the data.

CP ACCELERATED ALGEBRA 2

Grade Levels: 11-12 Credit: 1 Term: Year
Prerequisite: CP Geometry or CP Accelerated Geometry

This course encompasses the fundamental concepts of algebra in a more rigorous manner that CP Algebra 2. Building on prior knowledge, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Functions are studied in relation to one another by analysis of multiple representations of functions with unrestricted domains, as well as those with restricted domains. Additionally, students extend their understanding of the trigonometric ratios and circles from geometry, and use the coordinate plane to model periodic phenomena with trigonometry. Students further develop their statistical knowledge by exploring the interpretation of data following the Normal Distribution. This course will include all Common Core plus topics for Algebra 2.

CP ACCELERATED GEOMETRY

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: CP Accelerated Algebra 1 or CP Algebra 1 teacher recommendation

This course encompasses the fundamental concepts of geometry in a more rigorous manner than CP Geometry. This course is an integrated course in plane, solid and coordinate geometry. Students will develop geometric concepts using both a formal deductive mathematical approach using proofs and an explorative inductive approach. The geometry of two and three dimensional figures is the focus, including work and analysis in the coordinate plane and an introduction to right triangle trigonometry and law of sines and cosines. This course will strengthen algebra skills while establishing a strong geometric background for further mathematics courses as well as for applications in technical areas and the sciences.

CP ALGEBRA 1

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Grade 8 math with teacher recommendation

This course encompasses the fundamental concepts of algebra and builds on the mathematics students learned previously. It is designed to provide a student the opportunity to master all of the topics of a C.P. Algebra 1 course, while providing extra support for students who have struggled with math in the past. The content of Algebra 1 deepens and extends students' understanding of linear and exponential relationships by contrasting them with each other, and identifying and exploring the underlying mathematical structures that they share. Students explore many examples of functions, including sequences, and analyze them graphically, numerically, symbolically, and verbally. Students apply linear models to data and analyze how well the model fits the data. Additionally, students engage in methods for analyzing, solving, and applying quadratic functions.

CP ALGEBRA 2

Grade Levels: 11-12 Credit: 1 Term: Year
Prerequisite: CP Geometry or Accelerated CP Geometry

This course encompasses the fundamental concepts of algebra and builds on the mathematics students learned previously. It is designed to provide a student the opportunity to master all of the topics of a CP Algebra 2 course, while providing extra support for students who have struggled with math in the past. Students in CP Algebra 2 develop a deeper understanding of all aspects of functions: graphing, analyzing, transforming, performing operations with, composing new functions, and solving equations using them. Functions studied include linear, quadratic, polynomial, exponential, logarithmic, rational, trigonometric and radical. Students further develop their statistical knowledge by studying the collection, analysis and interpretation of data, and the connections to probability. Throughout the year students strengthen their use of the Common Core Standard Math Practices, with a particular emphasis on making sense of problems and modeling with mathematics.

CP GEOMETRY

Grade Levels: 10-12 Credit: 1 Term: Year
Prerequisite: CP Algebra 1 or CP Accelerated Algebra 1

CP Geometry formalizes and extends students' geometric experiences from the middle grades. It is designed to provide a student the opportunity to master all of the topics of a CP Accelerated Geometry course, while providing extra support for students who have struggled with math in the past. Students will develop geometric concepts using an inductive and algebraic approach. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving toward formal mathematical arguments and proof. In this course, rigid and non-rigid transformations are the frame through which students build and prove the concepts of congruence and similarity. Previous experiences with proportional reasoning and the Pythagorean Theorem lead students to understand the trigonometry of right triangles in order to find unknown measures in general triangles. The geometry of two- and three-dimensional figures is the focus, including work and analysis in the coordinate plane.

***DE COLLEGE ALGEBRA**

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: CP Algebra 2

This course is a brief review of intermediate algebra, equations, inequalities, polynomial and rational functions and their graphs including local and global behavior, rational zero, factor and remainder theorems. The course explores a selection of topics from exponential and logarithmic functions including graphs, applications to real life models including solving complex exponential and logarithmic equations. Four (4) college credits are available through UCD for a fee.

***DE COLLEGE TRIGONOMETRY**

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: CP Algebra 2

This course covers topics including trigonometric functions (with graphs and inverse functions), identities and equations, solutions of triangles, complex numbers, and other topics as time permits. This is a traditional prerequisite course to the calculus sequence. College credit is available through UCD for a fee.

INTEGRATED ALGEBRA/GEOMETRY 1

Grade Level: 9 Credit: 1 Term: Year
Prerequisite: Grade 8 math with teacher recommendation

This course is a course designed for students who have struggled with math in middle school. It is designed to review and reinforce concepts presented in Math 8 and to introduce concepts from CP Algebra 1 and CP Geometry.

PROBABILITY AND STATISTICS

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: CP Algebra 2

This is an introductory course that is appropriate for all college-bound students. Probability is the basis for mathematical models of situations in the sciences; statistics is the art of gathering, analyzing, and making inferences from data. Topics include interpretation of statistical data, computation of probabilities of given events, frequency distributions, linear regression, normal distribution, probability, confidence intervals, and hypothesis testing.

QUANTITATIVE REASONING

Grade Level: 12 Credit: 1 Term: Year
Prerequisite: CP Algebra 2

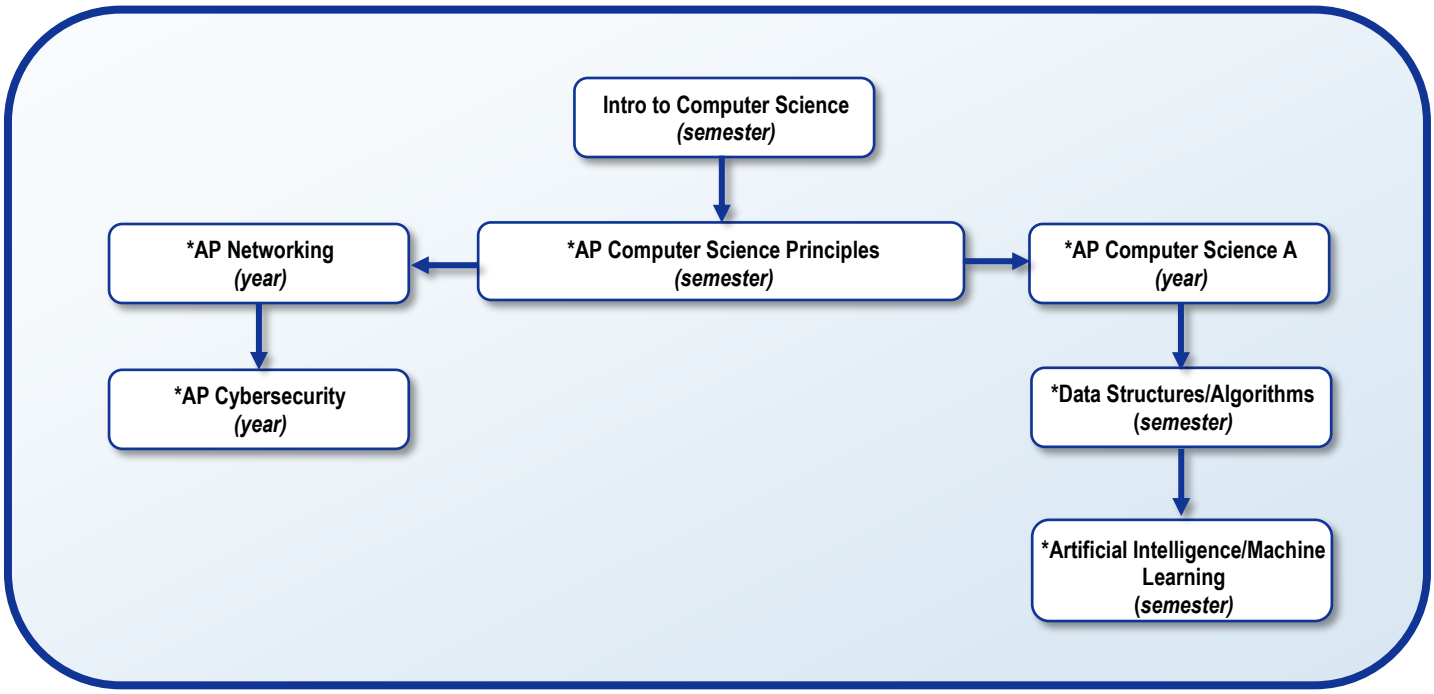
Quantitative Reasoning is a yearlong math course at Cherry Creek High School focused on applying mathematics to real-world contexts. Students build a foundation in skills such as set notation, Venn diagrams, unit conversions, and working with decimals, fractions, and percents, while also exploring financial literacy topics like budgeting, banking, credit and loans, investing, taxes, insurance, and consumer awareness. In the second semester, the emphasis shifts to logical reasoning and data analysis through trigonometric proofs, logic tables, and population modeling with matrices, along with life-planning lessons such as paying for college or technical school. This course also fulfills the Colorado state financial literacy requirement.

STUDENT MATH TUTOR

Grades: 10-12 Credit: .5 Term: Sem.
Prerequisite: Teacher Recommendation

This course offers the opportunity for students to work one-on-one with small groups of students during math classes. The students will work closely with a supervising teacher to gain experience in group facilitation and appropriate mathematical support. This course earns elective credit only.

COMPUTER SCIENCE



***ADVANCED PLACEMENT COMPUTER SCIENCE A**

Grade Levels: 10-12 Credit: 1 Term: Year
Prerequisite: Introduction to Computer Science or Instructor approval

This course is equivalent to a first semester college course in computer science. In this course, students will learn a subset of Java and program in an object-oriented paradigm as outlined by the College Board. Topics include arrays, Array List, standard Java classes and libraries, recursion, inheritance and polymorphism, and basic sorting and searching algorithms. Students will also be exposed to the basics of software engineering, including design and efficiency considerations, and testing strategies. Students are expected to take the AP Exam given in the spring. This course is a pre-requisite to Data Structures & Algorithms.

***ADVANCED PLACEMENT-COMPUTER SCIENCE PRINCIPLES**

Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: Completion of Intro to Computer Science or Concurrent enrollment in Intro to Computer Science

This course is a one-semester multidisciplinary introductory course to computer science and the underlying principles of computation. In this course, students will learn the creative aspects of programing using Processing, a Java-based, visually-oriented language, to address real-world problems and relevant solutions. Topics to be covered in this course include abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts. **This course earns fine arts credit only.**

***AP NETWORKING**

Grade Levels: 10-12 Credit: 1 Term: Year
Prerequisite: AP Computer Science Principles and enrollment in CP Algebra 2 or higher

This course serves as an essential stepping-stone for students pursuing a career in cybersecurity. In this course, students will dive deep into the world of computer networking, which forms the backbone of modern cybersecurity. By understanding the foundational concepts of networking, students will be better equipped to grasp more advanced cybersecurity principles. This is the first of two courses that make up the Cybersecurity Pathway.

***AP CYBERSECURITY**

Grade Levels: 11-12 Credit: 1 Term: Year
Prerequisite: AP Computer Science Principles and enrollment in CP Algebra 2 or higher

This course builds upon the knowledge gained in Cybersecurity 1 by focusing on the principles, techniques, and tools essential for securing networks and systems. This course will prepare students for more advanced cybersecurity challenges and industry certifications.

***DATA STRUCTURES and ALGORITHMS**

Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: AP Computer Science

This course is a college level course that is a follow-up to AP Computer Science. This course will cover additional data structures, which include, but are not limited to, arrays, lists, stacks, and queues, trees, and hash tables. This course will also expose students to basic algorithmic development techniques as related to the data structures studied. This course is a pre-requisite to iOS Application Development.

***INTRODUCTION TO ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING HONORS**

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: AP Computer Science A

This course provides students with an engaging introduction to the exciting world of Artificial Intelligence (AI) and Machine Learning (ML). Through a combination of theory and hands-on projects, students will explore the fundamental concepts, algorithms, and applications that drive AI and ML technologies.

INTRO TO COMPUTER SCIENCE

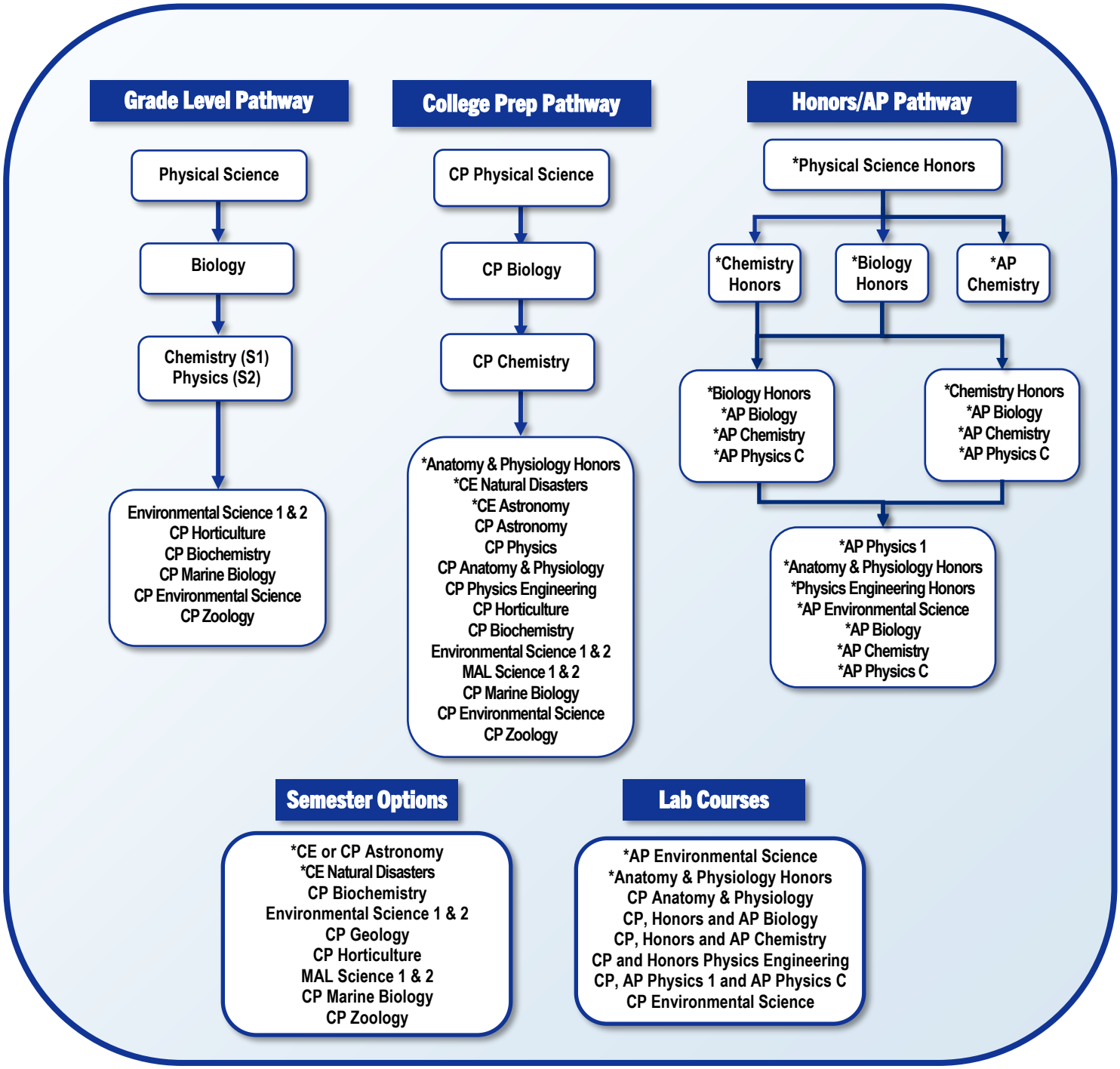
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: CP Accelerated Algebra 1 with grade of B or higher

This course is a one-semester introductory course to computer science. In this course, students will learn the fundamentals of programming using Processing, a Java-based, visually-oriented language. Students will write programs that will draw pictures, run animations, and simulate basic 2-D games/applications. Topics to be covered in this course include variables, conditionals, loops, arrays, and classes. This course is a pre-requisite to AP Computer Science. **This course earns fine arts credit only.**

SCIENCE

All students are required to successfully complete three years of science during their four years at Cherry Creek. Students need to take one of the following as a prerequisite course for subsequent courses in science: Honors Physical Science, CP Physical Science or Physical Science. To meet the state and district academic standards it is recommended that students take each of the following: biology, chemistry and physics.

When level changing to a higher level class, students must meet minimum grade requirements and have Instructor or Department Coordinator approval.



***ADVANCED PLACEMENT BIOLOGY**

Grade Levels: 11-12 Credit: 1.5 Term: Year

Prerequisite: Chemistry H, CP Chemistry with an A.

An advanced course for students who have demonstrated the interest and ability to study biological systems at greater depth. This course will emphasize the nature of laboratory investigation, and will introduce students to the foundations of living systems. The course covers the four "Big Ideas" as set forth by the College Board: evolution, the use of free energy in living systems, the importance of information storage and retrieval in living systems as an essential process of life, and the interactions between biological systems. The goal of the course is to allow students to develop an understanding of basic biological concepts, which will allow them to see that certain processes are inherent in all living systems, and apply their understanding of one system to novel scenarios. This course is especially recommended for those students who plan to study medicine or major in one of the biological sciences. Students are expected to take the AP Biology Exam.

***ADVANCED PLACEMENT CHEMISTRY**

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: C or higher in Chemistry honors; B or higher in Biology Honors; A or higher in Honors Physical Science; A summer assignment is required for students who haven't yet completed a full year of chemistry.

This is a second year chemistry course designed to supplement and expand a student's background to the first year college level. The topics of kinetics, thermodynamics and electrochemistry will receive special emphasis. The concept of equilibrium will be explored in depth, especially as it applies to the acid-base and solubility equilibria of aqueous solutions. Students will be expected to take the AP Chemistry Exam given in the spring.

***ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE**

Grade Level: 12 Credit: 1 Term: Year

Prerequisite: B or better in any two of physics, chemistry, and biology (at CP, H or AP level, one of which may be simultaneous) or by permission of Instructor

This interdisciplinary course explores the impact of human decisions on the environment. It is not a course in environmentalism, but rather a science-oriented course with a laboratory component, designed to meet the expectations of the College Board. Energy sources, population, soil and water conservation, biodiversity, and pollution are just a few of the major topics explored. In each area, economic, sociological, and political concerns will be discussed and related to scientific conclusions. Students will be expected to take the AP exam in the spring.

***ADVANCED PLACEMENT PHYSICS C**

Grade Levels: 11-12 Credit: l.5 Term: Year

Prerequisite: Simultaneous enrollment in Calculus, (preferably BC) or by special permission of Instructor.

AP Physics C is a college-level, calculus-based introductory physics course that covers classical mechanics as well as electricity and magnetism in one year. Basic differential and integral calculus will be used and elements of both will be developed in the course as needed. This course includes a laboratory component and is taught in daily 1.5 period increments. Students will be thoroughly prepared to take the two corresponding AP exams in the spring.

***ADVANCED PLACEMENT PHYSICS 1**

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: Completion of Precalculus/Trigonometry or Algebra 2H/Trig with a B or higher or Precalculus Honors with a C or higher

AP Physics 1 is a college preparatory course for students considering further training in the fields of science, mathematics, engineering, or medicine. Mathematical methods in algebra, graphing, modeling and problem solving will be applied to a variety of topics such as the mechanics of motion and force, rotational motion, electricity, magnetism and wave theory. Students will be prepared to take the AP Physics 1 exam in the spring.

***ADVANCED SCIENTIFIC RESEARCH HONORS**

Type: Alternative Instruction-Independent Study

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: High interest and achievement in math and science and permission of Instructor.

An independent study research program, which permits the student to select an area of research in mathematics or science. Students will arrange to attend a weekly meeting of the research group, design a research project, carry out experimentation, analyze the data and present the findings at the Denver Metropolitan Science Fair and the Colorado/Wyoming Junior Academy of Science Annual Meeting. Off campus research placements will be encouraged and facilitated. Students will also have weekly individual conferences with their supervising teacher.

***ANATOMY & PHYSIOLOGY HONORS**

Grade Level: 12 Credit: 1 Term: Year

Prerequisite: Completion of both Biology and Chemistry at CP level or above (B+ or higher if coming from CP, C+ or higher coming from Honors). Approval of junior-year instructor required.

This is a college-level Anatomy and Physiology course designed for students with a deep interest in the human body and/or medical sciences. This course starts with a basic overview of cells and their components, as well as a review of the chemistry necessary to properly understand how cells and parts of the human body function, and emphasizes fundamental biochemical processes and the interconnectedness of body systems. Reading and analysis of scientific literature in the field will be a routine part of this class.

***BIOLOGY HONORS**

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: A or higher in CP Physical Science; B or higher in Honors level science course.

This course emphasizes the role of research in our understanding of biological systems. Throughout the course students will be exposed to the fundamental biological principles that serve as the foundation for current exploration into unknown, or little understood, processes. Students will develop an understanding of the complex nature of biological systems, both through the critical analysis of current research articles and through their own original research. Emphasis will also be placed on the importance of controlled experimentation in biological research, as well as on how to establish the significance of experimental results. Units of study will include: ecology, chemistry of life, cellular structure and function, genetics, evolution, classification, and human systems. This course involves the use of bio-statistics and students will use statistics to analyze data.

***CHEMISTRY HONORS**

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: Grade B or better in all previous science or mathematical courses, 85% or higher in Physical Science Honors or B or higher in Biology Honors.

This course is based on the theoretical concepts in chemistry. It emphasizes the mathematical approach to studying chemistry. This course is recommended for students who plan to continue their education in chemistry, engineering, physics, technical, medical, or other science-related fields.

***CE ASTRONOMY**

Grade Levels: 11-12 Credit: .5 Term: Sem.

Prerequisite: Simultaneous enrollment in/or completion of Chemistry or Physics an Algebra 2.

This course will focus on the history of astronomy, naked-eye sky observation, tools of the astronomer, contents of the solar system and life in the universe. Incorporates laboratory experience. Since most of astronomy must be observed at night, some nighttime observation is required. Topics of study include the moon, astronomical methods, our solar system and the sun, planetary science, stellar evolution, galaxies, cosmology, and dark matter/dark energy.

*Offered for 3 Concurrent Enrollment credits through Arapahoe Community College at no cost if students earn a C or better (AST1110)

***CE NATURAL DISASTERS**

Grade Levels: 11-12 Credit: .5 Term: Sem.

Prerequisite: B or better in any two of physics, chemistry and biology (at CP, H or AP level, one of which may be simultaneous) or permission of Instructor.

Introduces different types of natural hazards, their causes, effects, and what can be done to reduce the risks to human populations. Scientific advances related to understanding, predicting, and preparing for natural disasters are discussed. This course also covers anthropogenic changes to Earth systems, which may be increasing the frequency and severity of these events. This is a statewide Guaranteed Transfer course in the GT-SC2 category.

*Offered for 3 Concurrent Enrollment credits through Arapahoe Community College at no cost if students earn a C or better (ENV 1010)

***PHYSICAL SCIENCE HONORS**

Grade Level: 9 Credit: 1 Term: Year

Prerequisite: Enrollment in an honors-level math course (Geometry Honors or higher) is strongly encouraged. Students who have completed the equivalent of CP Accelerated Alg 1 with an 85% or higher may enroll with the permission of their current instructor.

This course is designed for 9th grade students with high mathematical ability who intend to pursue Honors and Advanced Placement biology, chemistry, and physics classes in high school. Basic astronomy, chemistry and physics concepts will be covered at an accelerated pace with heavy emphasis on laboratory work, mathematical applications, and problem solving. In addition, students' skills in communicating information clearly through the written word, mathematical equations and graphs will be stressed. Students will develop skills in using both computers and calculators to aid in collecting and organizing data. Daily preparation is required outside of class.

*PHYSICS ENGINEERING - HONORS CONCURRENT

Note: Simultaneous registration in Physics/Engineering (Honors concurrent) in the period immediately following Engineering Physics Honors is required.

Grade Levels: 11-12 Credit: 1 Sci Honors for Phy/Eng. H & 1 Fine Arts (non H) for Eng/Phy - concurrent.

Term: Year

Prerequisites: Completion of Pre-calculus/Trigonometry with B or higher or Pre-Calculus Honors with a C or higher. CP Chemistry with a B or higher or Honors Chemistry with a C or higher.

Physics/Engineering-Honors Concurrent must be taken concurrently with Engineering/Physics Honors. This is a college preparatory course designed for students who are interested in exploring the various fields of engineering and technically related careers. The academic portion of the course uses algebra-based modeling, graphing, and engineering problem solving through an integrated approach in which mechanical, fluid, electrical and thermal topics are covered in each unit. Over 50 percent of the two-period course is spent doing lab experiments and engineering-related projects. Students learn the use of modern lab equipment such as oscilloscopes, lasers, and various sensors.

BIOLOGY

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: Physical Science or permission of Instructor

This course focuses on the fundamentals of Biology. The topics of study include cell chemistry of life, ecology, evolution, human systems and genetics. This course is not considered a laboratory science course.

CHEMISTRY (Semester 1 only)

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisite: Biology

The focus of this course is on the principle concepts of chemistry and the importance that chemistry plays in our world. It is designed to emphasize the scientific basis for solving key issues facing today's citizens, such as petroleum shortages and access to pure water. This course addresses the chemistry of subjects that are likely to influence the daily lives of the students and commonly centers upon topics in the news today. Laboratory safety, introduction to equipment, data analysis and investigation will all be heavily stressed.

CP ANATOMY AND PHYSIOLOGY

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: Two previously completed years of science which must include CP Biology; a third year of science, either completed or being taken simultaneously, is also required, Chemistry is preferred; or consent of Instructor.

Anatomy and Physiology is a college preparatory course designed for students with an interest in the human body and/or medical sciences. This course starts with a basic overview of cells and their components, as well as a review of the chemistry necessary to properly understand how cells and parts of the human body function. This course involves a mixture of lecture, lab work, and dissection. Material is delivered with the intention of preparing students to succeed in a college level science class. Daily preparation outside of class time is required.

CP ASTRONOMY

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisite: Simultaneous enrollment or completion of Chemistry or Physics and Algebra 2

This course is designed to give the student a greater appreciation for one of the most rapidly changing realms of science. The student will experience both observational and theoretical astronomy. Topics studied in this one semester course include: historical astronomy, astronomical instruments and their use, celestial orientation, and composition and measurement of interplanetary, interstellar, and intergalactic space. This course will require individual outside observation and measurement, as well as several scheduled class observational sessions in the evening.

CP BIOLOGY

Grade Levels: 10-11 Credit: 1 Term: Year

Prerequisite: Minimum grade of C in previous science class or permission of instructor. Simultaneously taking CP Algebra 1, CP Accelerated Algebra 1 or Geometry.

This college preparatory biology course integrates the many areas of the life sciences and is recommended for those students who intend to pursue college studies or major in the biological sciences. The course emphasizes the role of humans in the biosphere and recent advances in biotechnology. Practical topics of biology as they relate to the human organism are covered. Daily preparation outside of class is required.

CP CHEMISTRY

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: CP Physical Science, CP Algebra 1 with C or higher. No less than C grade in any previous science course taken in 9th, 10th, 11th grade or permission of Instructor

This chemistry course provides a laboratory oriented approach to chemistry; many of the experiments involve practical topics that relate to students' everyday lives. Although some mathematics are involved, the course does not emphasize a mathematical approach and is oriented toward a blend of academic and applied concepts. Satisfactory completion of the course may be adequate preparation for a beginning college chemistry course. The student is graded on general understanding, presentation of ideas, laboratory techniques, and test performance.

CP ENVIRONMENTAL SCIENCE

Grade Level: 12 Credit: 1 Term: Year

Prerequisites: Completion of biology or chemistry at any level

CP Environmental Science is a course focusing on the relationships between humans and the natural environment. This course's mission is to prepare students with the knowledge and skills to identify, analyze, and resolve environmental issues from an interdisciplinary perspective. This course will stress scientific literacy through application of problem-solving skills while encouraging reflection in the social sciences to broaden student perception of our role in global systems.

CP GEOLOGY

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisites: Current enrollment in or completion of Chemistry.

This is a course that examines both physical and historical geology. This course covers the origin and development of the Earth. It will include an examination of the composition and structure of the earth and its internal and surface processes with applications to the environment, natural resources, and geologic hazards. Topics will include rock and mineral identification through physical and chemical techniques, the origin and evolution of landforms, geologic mapping, identification and uses of fossils. Emphasis will be placed on the geology of Colorado.

CP HORTICULTURE

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisites: Successful completion of 1 semester of biology and 1 semester of chemistry.

This course is designed to develop knowledge and applicable hands-on skills in the following areas: basic botany, classification and identification of horticultural plants, the science of soils and other plant growing media, plant culture and propagation in greenhouse, landscape, and agricultural settings, turf grass management, and landscape maintenance and design. Developing and improving workplace skills as well as relative scientific theory will be emphasized.

CP MARINE BIOLOGY

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisite: Two years of science including Biology (any level)

This course is a comprehensive study of oceans and ocean systems. This course has an ecological emphasis with studies of marine biology, chemical oceanography, geological oceanography, and physical oceanography. The effects of human interaction and dependence on these systems will also be explored. This one semester course will expand student knowledge of science and apply it to marine science. This course is open to juniors and seniors

CP PHYSICAL SCIENCE

Grade Level: 9 Credit: 1 Term: Year

Prerequisite: Completion of or simultaneous enrollment in Algebra 1 or specific consent of department coordinator.

This course is designed for students with average to above average mathematical ability. This course is designed to prepare students for further study in Biology, Geology/Astronomy, Chemistry, and Physics. Topics of study include chemistry, earth science/astronomy, and physics with an emphasis placed on experimental design and scientific process skills. A major portion of the course is spent in laboratory work. Daily preparation outside of class is required.

inquiry as a method of learning. Concepts in this class will be integrated with math and writing skills. This course is not considered a laboratory science class.

CP PHYSICS

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: Grade C or better in all previous science or mathematics courses, including CP Algebra 1 and Geometry taken in 9th, 10th or 11th grade.

CP Physics is a survey course for students who desire a liberal arts preparation for college studies but who may not be planning a career in the fields of science or technology. The essentials of classical mechanics as well as electricity and magnetism are developed with emphasis on conceptual understanding, laboratory experiments, and algebra-based problem solving

CP PHYSICS ENGINEERING/ENGINEERING PHYSICS

(You must register for both courses.)

Grade Levels: 11-12 Credit: 2 1 Sci & 1 Fine Arts

Term: Year, 2 Periods

Prerequisite: Grade C or better in all previous science or mathematics courses, including CP Algebra and Geometry in 9th, 10th, or 11th grade.

Physics/Engineering is a college preparatory course designed for students who are interested in exploring the various fields of engineering and technically related careers. Each lab group (3 students max.) will use a computer to collect, store and plot data collected during lab experiments. Students will learn how to use modern lab equipment such as oscilloscopes, lasers, and strain gauges. Over fifty percent of class time is spent doing lab experiments. Lab groups will design and construct special projects each quarter.

Students must enroll in both courses: Engineering Physics and Physics Engineering, in order to receive proper credit.

CP ZOOLOGY

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisite: Successful completion of Biology at any level

This semester-long course will aim to improve student understanding of key biology concepts while exploring the complex and diverse world of animals. It will serve as an introduction to various vertebrate and invertebrate animals and their evolutionary relationships while diving more deeply into the biology behind these animals — including anatomy and physiology, animal behavior, and ecology.

ENVIRONMENTAL SCIENCE 1 (1st Semester Only)

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisite: 1 credit Science and 1 credit Algebra, or CP Algebra 1

Environmental Science 1 is a course focusing on the relationships between humans and the general ecosystems in which we exist. Focusing primarily on environmental systems, the course will investigate how humans interact with, influence, and are influenced by our surroundings. This course's mission is to prepare students with the knowledge and skills to identify, analyze, and resolve environmental issues from an interdisciplinary perspective. This course will stress scientific literacy through application of problem-solving skills while encouraging reflection in the social sciences to broaden student perception of their role in the environment. Environmental Science 1 may be taken before or after Environmental Science 2.

ENVIRONMENTAL SCIENCE 2 (2nd Semester Only)

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisite: 1 credit Science and 1 credit Algebra, or CP Algebra 1

Environmental Science 2 is a course focusing on the relationships between humans and the natural resources provided to us. This course will investigate how energy and materials supplied to us by our environment are utilized by humans and to what effect these uses have on our surrounds. This course's mission is to prepare students with the knowledge and skills to identify, analyze, and resolve environmental issues from an interdisciplinary perspective. This course will stress scientific literacy through application of problem-solving skills while encouraging reflection in the social sciences to broaden student perception of their role in the environment. Environmental Science 2 may be taken before or after Environmental Science 1.

INTRODUCTION TO SCIENCE RESEARCH

Type: Alternative Instruction-Independent Study

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: High interest and achievement in math and science.

This is an independent study research program for students new to the Science Research program at CCHS. In this program, students will select an area of research in mathematics or science. Students then design a research project, carry out experimentation, analyze the data and present the findings at the Denver Science Fair and the Colorado/Wyoming Junior Academy of Science Annual Meeting. Off campus research placements will be encouraged and facilitated. Students will also have weekly individual conferences with their supervising teacher.

MAL SCIENCE 1 (1ST SEMESTER ONLY)

(Mutually Assisted Learning)

Grade Levels: 10-12 Credit: .5 Term: Sem

Prerequisite: Completed or simultaneously enrolled in two lab sciences through grade 11.

Students will plan and teach science units several weeks in length to a mini class of four or five elementary children. Training and supervision will be provided by a high school teacher and the elementary teacher in whose classroom the student will be teaching. Training/feedback sessions will be held approximately once a week to plan and prepare the material to be taught. Students will spend the remainder of the time as an instructor in an elementary classroom. Weekly conferences will be held to assess and improve the student's teaching effectiveness. This course is recommended for students who are interested in the teaching field or working with children. Students may take MAL Science 1 either before or after MAL Science 2. A strict attendance and dress code policy are enforced.

MAL SCIENCE 2 (2ND SEMESTER ONLY)

(Mutually Assisted Learning)

Grade Levels: 10-12 Credit: .5 Term: Sem

Prerequisite: Completed or simultaneously enrolled in two lab sciences through grade 11.

Students plan and teach science units several weeks in length to a mini class of four or five elementary children. A high school teacher and the elementary teacher in whose classroom the student will be teaching will provide training and supervision Training/feedback sessions will be held approximately once a week to plan and prepare material to be taught. Students will spend the remainder of the time as an instructor in an elementary classroom. Weekly conferences will be held to assess and improve the student's teaching effectiveness. This course is recommended for students who are interested in the teaching field or working with children. Students may take MAL Science 1 either before or after MAL Science 2. A strict attendance and dress code policy are enforced .

ROBOTICS & AUTOMATED SYSTEMS

Grade Levels: 9-12 Credit: .5 Science/.5 Fine Arts

Term: Year

Prerequisite: None

Robotics & Automated Systems is an applied course for students who wish to explore how robots and automated systems are used in industry. Upon completion of this course, students will have an understanding of the historical and current uses of robots and automated systems; programmable circuits, interfacing both inputs and outputs; ethical standards for engineering and technology professions; and testing and maintenance of robots and automated systems. Students will earn .5 Science credit for the first semester and .5 Fine Arts credit for the second semester.

PHYSICAL SCIENCE

Grade Level: 9 Credit: 1 Term: Year

Prerequisite: None

This is a freshman level course that focuses on the fundamentals of the following topics: astronomy, chemistry, physics, and the use of scientific inquiry as a method of learning. Concepts in this class will be integrated with math and writing skills. This course is not considered a laboratory science class.

PHYSICS (Semester 2 only)

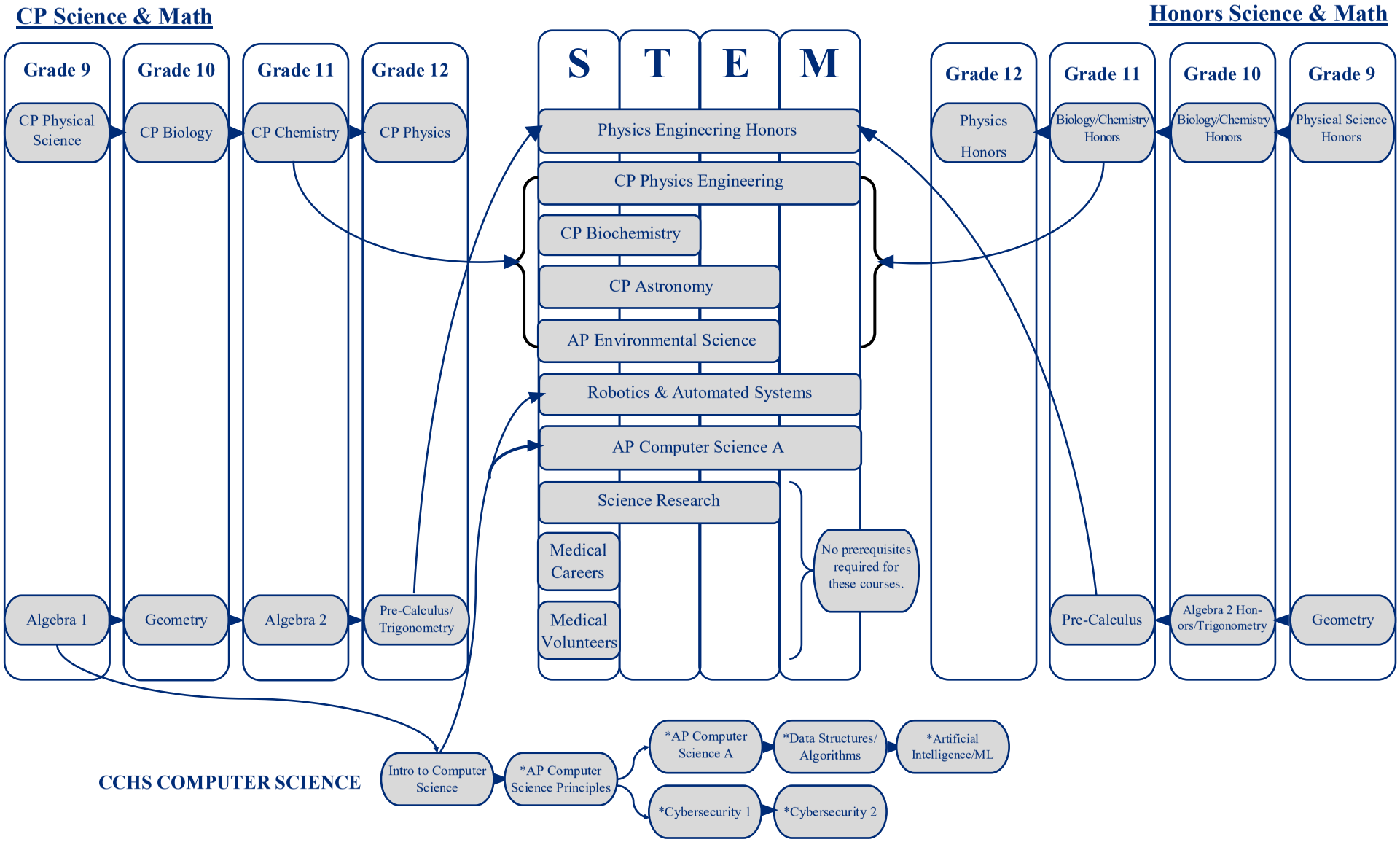
Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisite: Biology

This course provides a concept-based approach to learning the fundamental principles and processes of the physical world. Topics include basic concepts of motion, forces, energy, heat, electricity, magnetism, and the structure of matter and the universe. Upon completion, students should be able to describe examples and applications of principles studied. Laboratory experiments and computer-based exercises enhance and consolidate the understanding of basic physical principles and applications. Laboratory safety, introduction to equipment, analysis and investigation will be heavily stressed.

CCHS STEM Opportunities

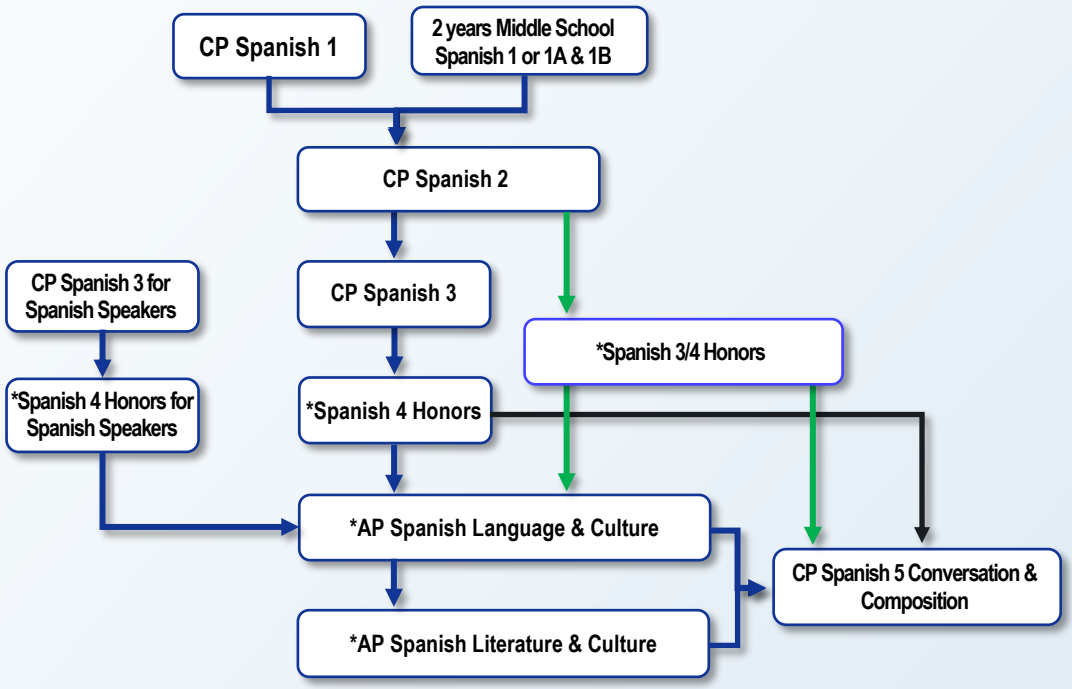
This flow chart shows CCHS courses that integrate Science, Technology, Engineering and Mathematics. The central portion of the chart lists the courses across the STEM columns in accordance with the most heavily emphasized content. For example, Biochemistry combines principles of Science and Technology more so than those of Engineering or Mathematics. The most traditional Science and Math Department four-year pathways are listed to the left and right of the STEM columns, organized by CP and Honors levels. Overall, the chart is meant to provide ideas, and is not a formalized scope and sequence for students to follow. For more specific information, consult the Science and Math Department pages of the registration guide and speak with the department coordinators individually.



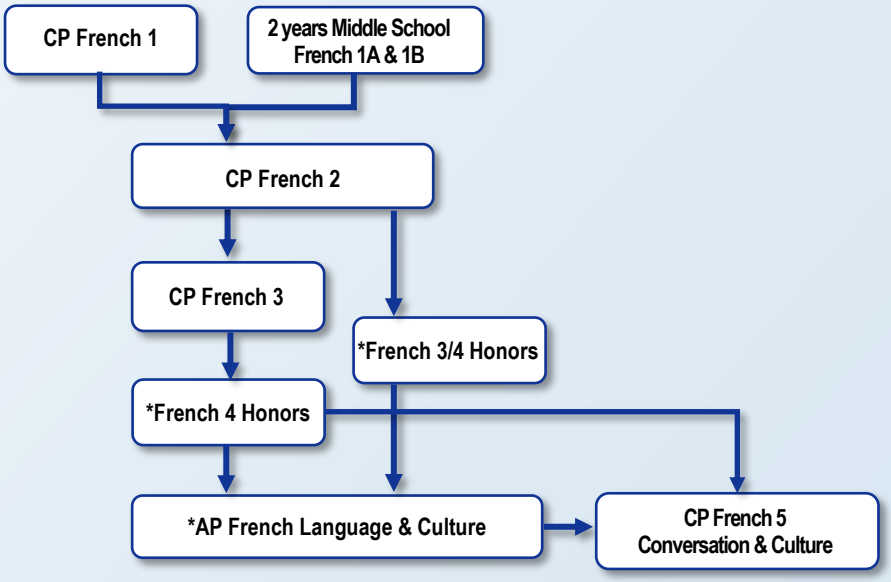
WORLD LANGUAGE

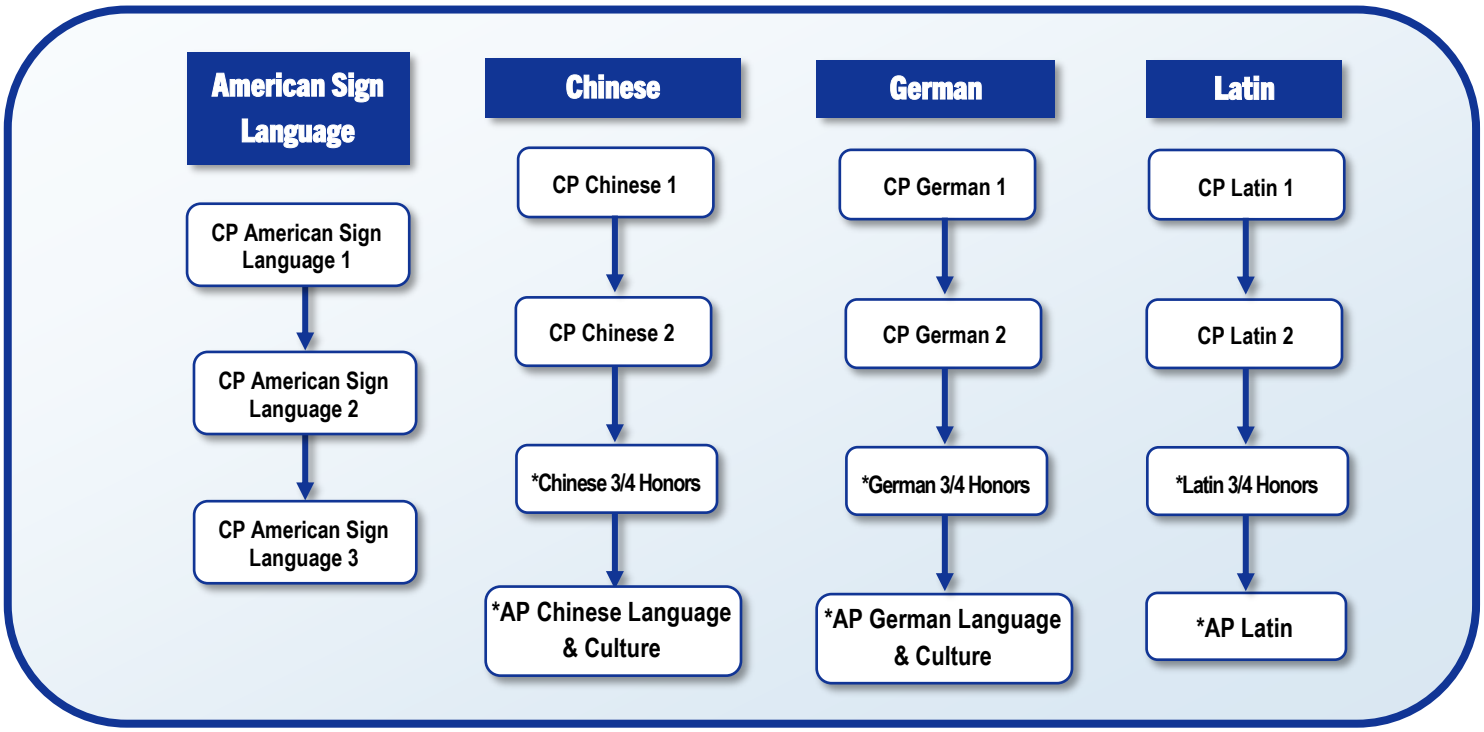
World Language courses are designed for non-native speakers; however, spanish speakers may be given a diagnostic test and placed at appropriate levels if they wish to enroll. Likewise, students with prior study of a language outside the CCHS feeder system should contact the department coordinator to arrange a placement test.

Spanish Pathways



French Pathways





***ADVANCED PLACEMENT CHINESE LANGUAGE & CULTURE**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Three to Four years of Chinese and teacher recommendation, or permission of department coordinator

This course covers the equivalent of a second-year (or the fourth semester) college/university course in Mandarin Chinese. This course is designed to provide students with varied opportunities to further develop and achieve language proficiencies through studying various sources including textbooks and authentic materials. Students will develop knowledge of Chinese language and culture through intensive learning and the application of better communication skills. Emphasis is on interpersonal and presentational skills, interpretation of spoken and written Chinese, and knowledge of Chinese culture. Students are encouraged to take the AP Exam in May.

***ADVANCED PLACEMENT FRENCH LANGUAGE & CULTURE**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Three to four years of French and approval of French 4 H or 3/4 H teacher, or permission of department coordinator

This course prepares students to complete the AP French Language and Culture exam in the spring. Themes of study recommended by College Board include: Personal and Public Identities, Science and Technology, Global Challenges, Beauty and Aesthetics, Family and Community, and Contemporary Life. Students develop interpretive skills of reading and listening through interaction with a variety of authentic sources. Speaking and writing skills are expanded in both presentational and interpersonal contexts. A review of grammar will also be included. The sophisticated nature of the content and critical thinking required in this course demand a high level of academic maturity. Since this is a college-level class, students will receive a weighted grade.

***ADVANCED PLACEMENT GERMAN LANGUAGE & CULTURE**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Three to Four years of German and teacher recommendation, or permission of department coordinator

The studies in this course are those required for students to prepare to take the AP Language Exam in the spring. Emphasis is on extensive authentic readings, oral and written reports and listening and speaking practice in the language lab.

***ADVANCED PLACEMENT LATIN**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Three to Four years of Latin and teacher recommendation, or permission of department coordinator

This course prepares students for the AP Latin exam in the spring. Students read, translate, analyze, and interpret Vergil's Aeneid and Caesar's Gallic War in the original Latin and study the cultural and historical context of the works.

***ADVANCED PLACEMENT SPANISH LANGUAGE & CULTURE**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Three to four years of Spanish and approval of Spanish 4 H or 3/4 H teacher, or permission of department coordinator

Students continue to develop the communicative skills of reading, writing, speaking and listening within the context of the six curricular themes as set forth by College Board: Personal and Public Identities, Science and Technology, Beauty and Aesthetics, Family and Community, Global Challenges and Contemporary Life. Students review grammar, increase their vocabulary and improve their speaking proficiency through the study of primary sources from the Spanish-speaking world (articles, literary excerpts, popular music, newscasts, podcasts, etc.). Since this is a college-level class, students receive a weighted grade. The sophisticated nature of the content and the critical thinking required in this course demand a high level of academic maturity. Through successful completion of the course, students will be prepared to take the AP Spanish Language and Culture Exam in the spring.

***ADVANCED PLACEMENT SPANISH LITERATURE & CULTURE**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: AP Spanish Language and teacher recommendation, or permission of department coordinator

Students are prepared to take the AP Literature exam in the spring. They will read and analyze a variety of authors, genres, periods, and themes in the literature from Spain and Latin America. A review of grammar to improve writing skills and reading comprehension is included.

***CHINESE 3/4 HONORS**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: CP Chinese 2 and teacher recommendation, or permission of department coordinator

Increased emphasis is placed on speaking and writing skills, expanding the student's ability to respond appropriately in various situations. Students will master certain grammatical structures, further their skills in reading and writing Chinese characters, and expand their knowledge of Chinese culture. Students will be challenged to increase their vocabulary, comprehend learning content in depth, and continue to apply their communication skills in given topics with depth. Students will demonstrate their communication skills in proficiency assessments.

***FRENCH 3/4 HONORS**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: CP French 2 and teacher recommendation, or permission of department coordinator

This course is a compilation of CP French 3 and 4. It is designed for those students in French 2 who plan to continue the following year to AP French Language and Culture. The course is conducted in French and focuses on mastery of all four skills and the grammar studied in French 3 and 4. Students will also study the civilization and culture of France and other francophone countries through the reading of one French novel.

***FRENCH 4 HONORS**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: CP French 3, equivalency exam or permission of department coordinator

French 4 Honors is designed to refine previously learned vocabulary and grammatical skills, as well as develop higher order thinking skills in the target language. This course explores a variety of comprehensive themes and structures that will help a student be successful in AP French. Students will interpret and analyze a variety of short films, a variety of literature and music. In addition, students will advance their verbal fluency as they actively engage in daily class discussions, and present both formally and informally about diverse cultural topics and societal issues. Students will also improve writing proficiency skills as they explain, persuade or convey experiences to a particular audience. This course will explore the diversity of the French speaking world, people and cultural contributions to modern society. This course will be conducted almost exclusively in French. Due to the advanced, college-level nature of the course, grades will be weighted.

***GERMAN 3/4 HONORS**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: CP German 2 and teacher recommendation, or permission of department coordinator

This course is accelerated due to the quantity of material covered. This course utilizes authentic materials to develop communication skills. Students will read two short novels, write short essays, speak with native speakers weekly, and listen to newscasts regularly. A review of German grammar structures is included. Due to the advanced college-level nature of the course, grades will be weighted.

***LATIN 3/4 HONORS**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: CP Latin 2 and teacher recommendation, or permission of department coordinator

This course completes the grammar instruction begun in Latin 1 and 2 and introduces students to reading authentic Latin literature, both prose and poetry. Students build proficiency in translating, comprehending, and interpreting Latin literature and continue to expand their knowledge of ancient Roman history and culture.

***SPANISH 3/4 HONORS**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: CP Spanish 2 and placement test, or permission of department coordinator

This full year course is a compilation of CP Spanish 3 and Spanish 4 H, designed for students that excelled in CP Spanish 2. The rigor and pace are considerably greater than that of CP Spanish 3 and 4 H when taken as separate classes. The course is conducted in Spanish and students are expected to speak only Spanish with the teacher and each other. Throughout the year, students will build on previously learned skills as they strengthen their ability to speak, write, and understand what they read and hear in Spanish. High level grammar and vocabulary are studied along with various components of the cultures of Spanish-speaking countries. Students will be prepared to continue on to AP Spanish Language and Culture upon completion of this course.

***SPANISH 4 HONORS**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: CP Spanish 3, CP Spanish 3 for Native Speakers or equivalency exam.

Spanish 4 Honors is designed to refine previously learned vocabulary and grammatical skills, as well as develop higher order thinking skills in the target language. The course explores a variety of comprehensive themes and structures. Students will interpret and analyze a variety of short films, poems, stories and plays. In addition, students will advance their verbal fluency as they actively engage in daily class discussion, and present both formally (presentational mode) and informally (interpersonal mode) about diverse cultural topics and societal issues. Students will also improve writing proficiency skills as they explain, persuade, or convey experiences to a particular audience. This course will illuminate the learner about the diversity of the Spanish-speaking world and its innumerable contributions to modern society. This class is conducted almost entirely in Spanish. Due to the advanced, college-level nature of the course, grades will be weighted.

***SPANISH 4 HONORS FOR SPANISH SPEAKERS**

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: CP Spanish 3 for Spanish Speakers, equivalency exam or permission of department coordinator

Spanish 4 Honors for Spanish Speakers is designed for bilingual and biliterate Spanish-speaking students who already have a high level of proficiency in reading and writing in Spanish. These students will work to refine vocabulary, grammatical knowledge and critical thinking in Spanish. Through the exploration of a variety of themes, students will analyze short films, poems, stories and plays, enhancing their verbal fluency in daily discussions and presentations about cultural topics and societal issues. Another focus will be the development of written skills in order to communicate ideas to specific audiences. This course will enlighten students about the diversity of the Spanish -speaking world and its contributions to modern society. The class is conducted entirely in Spanish. Due to the advanced and college-level nature of the course, grades will be weighted.

Spanish 4 Honors Para Hispanohablantes busca perfeccionar vocabulario, habilidades gramaticales y pensamiento crítico en español. A través de la exploración de temas variados, los estudiantes analizarán cortometrajes, poemas, cuentos y obras de teatro, mejorando su fluidez verbal en discusiones diarias y presentaciones sobre temas culturales y de la sociedad. Se enfoca en el desarrollo de habilidades escritas para comunicar ideas a distintas audiencias. El curso destaca la diversidad del mundo de habla hispana y sus contribuciones a la sociedad moderna, impartido en español. Debido a su nivel universitario, las notas del semestre en la clase serán aumentadas por un 10% para el promedio final. (Por ejemplo, si se recibe una B, esto equivale a una A.)

CP AMERICAN SIGN LANGUAGE 1

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: None

This course is designed to develop the fundamentals of communicative competence is American Sign Language (ASL), including both receptive and expressive skills. Students will develop knowledge of basic ASL grammar, numbers, fingerspelling, a variety of vocabulary, phrases, and sentences. Receptive skills focus on fingerspelling, word, phrases and sentence recognition. Expressive skills focus on developing clear, correct and smooth communication through our hands, body language and facial expressions. Students will increase their ability to function comfortably in a variety of communication settings throughout this course. In addition, students will gain basic awareness and knowledge of Deaf culture including deaf history, deaf education and making connections and comparisons.

CP AMERICAN SIGN LANGUAGE 2

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: CP American Sign Language 1 or equivalency exam/ permission of department coordinator.

Students will expand their knowledge of American Sign Language and increase their ability to communicate in ASL, by using a wider range of receptive and expressive skills. Receptive skills will focus on recognition of fingerspelling and numbers at a faster pace, as well as comprehension of longer phrases and full ASL conversations. Expressive skills will focus on facial expressions, increased vocabulary, classifiers, storytelling and fluency. Students will engage in more events in the Deaf community and further increase their knowledge of Deaf culture, history and education.

CP AMERICAN SIGN LANGUAGE 3

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: CP American Sign Language 1 & 2 or equivalency exam/permission of department coordinator

Each unit in ASL 3 builds upon the topics, vocabulary, and grammar introduced in ASL 1 & 2. ASL 3 will consist of ASL Literature, vocabulary review, narrative structure including proper transitions, additional grammar with advanced sentence structure, storytelling and the use of classifiers to describe people and objects with more detail. Students will also continue to learn appropriate cultural behaviors as they attend more events in the Deaf community, outside the classroom. In addition, students will read books about Deaf Culture and participate in voice off book discussions.

CP CHINESE 1

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: None

This is a challenging program designed for students with minimum Chinese language exposure or no previous ability in Mandarin Chinese. Students will develop the necessary study skills to learn this non-European, character-based, tonal language. Students develop all four skill levels of listening, speaking, reading, and writing. Students will learn the pinyin sound system, the four tones, and the proper stroke-order for writing a few hundred characters. Emphasis in the first year is placed on survival language, practical situations, and a basic knowledge of Chinese culture. Students are encouraged to speak basic Mandarin, write Chinese characters, and will demonstrate their skills in proficiency assessments . Students with some ability in speaking, reading, or writing Chinese may qualify for a higher level class. Please contact the Chinese teacher or department coordinator to arrange a placement test before pre-registration to ensure correct placement.

CP CHINESE 2

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: CP Chinese 1

This course continues the studies of Chinese 1 with an added emphasis on the speaking ability and the organization of more complex sentences in Mandarin. Students build an active vocabulary, continue to memorize hundreds of characters, and enhance their cultural awareness. Students are expected to apply their communication skills in more practical situations in both speaking and writing formats, and will demonstrate their skills in proficiency assessments.

CP FRENCH 1

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: None

Proficiency-based materials and methods are used to achieve novice level basic language skills: listening, speaking, reading and writing. An introduction to the cultures of the French-speaking world is presented in the classroom materials as well as in supplementary activities.

CP FRENCH 2

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: C or better in previous French course.

This course builds on the skills students learned previously in French 1. Students will further develop listening, speaking, reading and writing skills. A number of authentic materials are used to provide a variety of in-class activities and to continue studying various francophone cultures. It is strongly recommended that students entering French 2 earn a C or better in their previous French course.

CP FRENCH 3

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: C or better in previous French course.

In this course, there is a continued use of proficiency-based materials for further development in listening, speaking, reading and writing. Students will continue to study cultures of the French-speaking world, and will read a short novel. It is strongly recommended that students entering French 3 earn a C or better in their previous French course.

CP FRENCH 5 CONVERSATION AND CULTURE

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: French 4 Honors or equivalency exam

This is a yearlong class for advanced French students who have successfully completed French 3/4H, 4H **or** AP French Language and Culture. This class is designed to reinforce and expand conversational skills in French while exploring the cultures of the francophone world. Students will learn through French language cinema, literature and art.

CP GERMAN 1

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: None

The latest in proficiency-based materials and methods are used to achieve basic language skills of listening, speaking, reading, and writing in German. Students will learn German using technology, music, and hands on activities. Students will be able to communicate about themselves and their interests in the present tense.

CP GERMAN 2

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: CP German 1

This course continues to use proficiency-based materials to further develop the skills of listening, speaking, reading and writing in German. German is the language of instruction in the classroom. Students will write short essays, read children's books and produce a short film in German. Students will be able to communicate about themselves and their interests in the present tense.

GERMAN LANGUAGE DIPLOMA PREPARATION

Type: Alternative Instruction-Independent Study
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: Enrollment in German 3/4H or AP German and approval of instructor

This course prepares students to take the "Deutsches Sprachdiplom I" in the areas of listening, reading, writing and speaking. Students will meet with the course instructor on an ongoing basis in order to prepare for the exam at the end of the semester.

This course also prepares students to take the "Deutsches Sprachdiplom II" in the areas of listening, reading, writing and speaking. Students will meet with the course instructor on an ongoing basis in order to prepare for the exam at the end of the semester. Pre-requisites are successful completion of the DSD I or approval by the instructor.

CP LATIN 1

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: None

Latin was the language of the Ancient Romans and evolved into the Romance languages (Spanish, French, Italian, Portuguese, and Rumanian). It is also at the root of approximately 60% of English words and therefore is tremendously useful in expanding one's English vocabulary. In Latin 1, students learn essential vocabulary and grammar in the context of Latin stories, as well as Greek and Roman mythology, ancient history, art, archaeology, and culture. Throughout the four-year Latin program, students are encouraged to make connections between Latin, English, and the Romance languages, and between ancient and modern cultures.

CP LATIN 2

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: CP Latin 1

This course builds upon the skills students learned in the previous year and maintains the consistent, interdisciplinary approach to language learning begun in CP Latin 1. Students continue learning vocabulary and grammar in the context of Latin stories and modified authentic texts. They also expand their knowledge of Greek and Roman mythology, ancient history, art, archaeology, and culture and continue making connections between Latin, English, and the Romance languages, and between ancient and modern cultures.

CP SPANISH 1

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: None

Proficiency-based materials and methods are used to achieve basic language skills of listening, speaking, reading and writing in Spanish. The cultures of Spanish-speaking countries are incorporated.

CP SPANISH 2

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: CP Spanish 1 or the equivalent in middle school (1A and 1B or 8th grade Spanish 1).

This course builds on the skills students learned previously in CP Spanish 1. Throughout the year students are given the opportunity to further develop their ability to speak, write and understand what they read and hear utilizing more advanced structures. Additionally, the cultures of Spanish-speaking countries are incorporated. It is strongly recommended that students entering Spanish 2 earn a C or better in their previous Spanish class.

CP SPANISH 3

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: CP Spanish 2 or equivalency exam

Spanish 3 is designed to review previously learned concepts and introduce new grammar and vocabulary. Students continue to develop their ability to speak, write and understand what they read and hear. This is facilitated through the use of conversation, presentations and projects, while focusing on cultures of Spanish-speaking communities. Class is conducted primarily in Spanish. It is strongly recommended that students entering Spanish 3 earn a C or better in their previous Spanish class.

CP SPANISH 3 FOR SPANISH SPEAKERS

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Equivalency exam or permission of department coordinator

This course is designed for students with a personal connection to the Spanish language who converse with ease and confidence about topics related to Latino culture and have some ability to read and write Spanish. The focus is on vocabulary development, grammar structures and functions, and improving literacy skills. Students further develop their writing skills through projects and other strategies that will facilitate language learning. This course is conducted in Spanish and intended to prepare students for CP Spanish 4 or AP Spanish Language and Culture, with teacher recommendation.

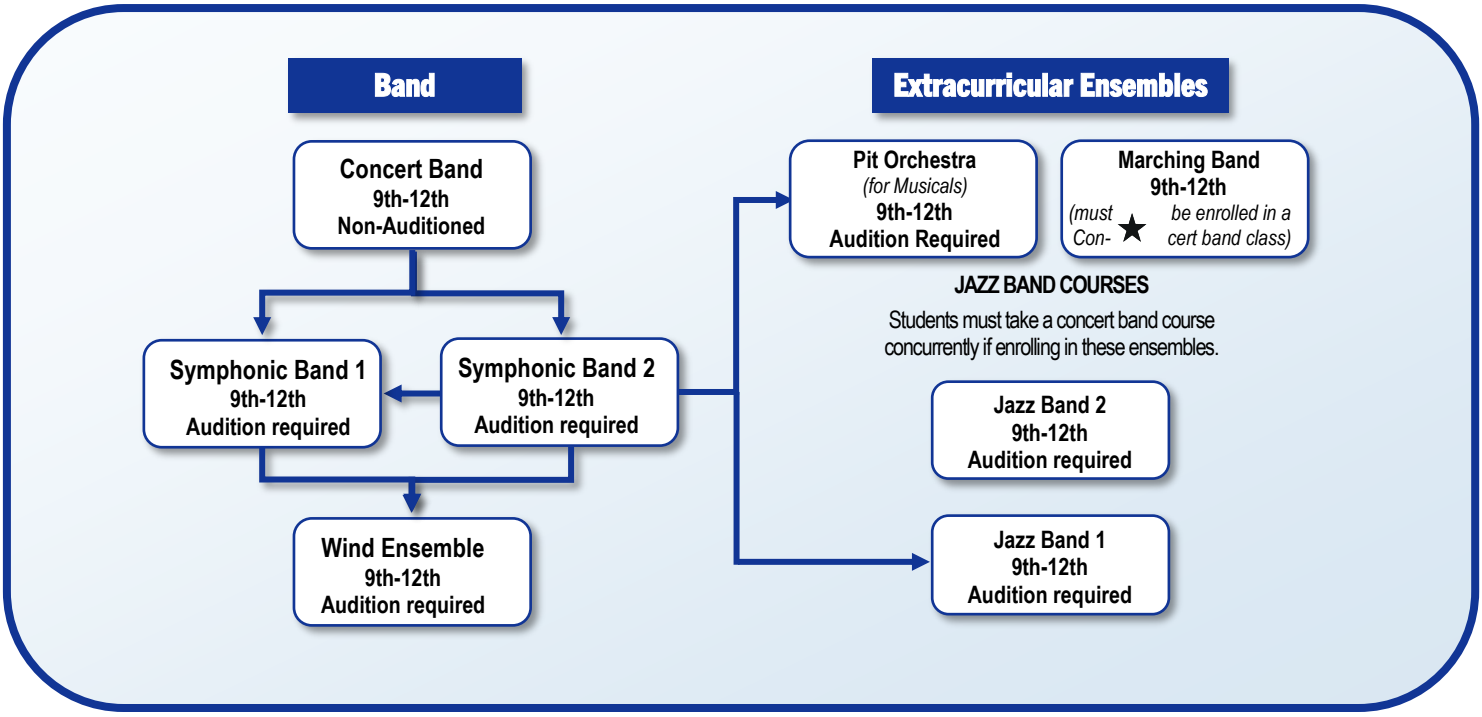
Este curso (Español para Hispanohablantes) está diseñado para estudiantes con una conexión personal al idioma español y que son capaces de conversar con facilidad y confianza sobre temas relacionados a la cultura latina y tienen cierta capacidad para leer y escribir en español. La atención se centra en la mejora del vocabulario, estructuras y funciones gramaticales y el enriquecimiento de los conocimientos formales de la lengua. Los estudiantes desarrollan nuevas habilidades de escritura a través de proyectos y otras formas de facilitar el aprendizaje del idioma a nivel avanzado. Este curso se realiza en español y tiene como propósito preparar a los estudiantes para CP Español 4 o AP Español Lengua y Cultura, con la recomendación del profesor. Requisito previo: Examen de equivalencia o permiso del coordinador del departamento de idiomas.

CP SPANISH 5 CONVERSATION AND COMPOSITION

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Spanish 4 Honors or equivalency exam

This is a yearlong class for advanced Spanish students who have successfully completed Spanish 4 or AP Spanish Language and Culture. This class is designed to reinforce all the previous years of grammar, reading, writing, speaking, listening and culture with special emphasis placed on student-generated discussion of current events, conversation, oral presentations, and teacher-initiated composition. This class is a continuation of language study for students who are intending to pursue their interest in Spanish at the university level while learning more about the culture.

INSTRUMENTAL MUSIC PROGRAM



BANDS AND ORCHESTRAS (INSTRUMENTAL MUSIC)

While every attempt is made to place students in the ensemble that they want to perform in, most of the groups are entered by audition only. Proper instrumentation balance and skill level are considerations in staffing the other bands and orchestras.

The Colorado High School Activities Association has ruled that a student must be a member in good standing of his/her parallel ensemble before he/she can audition for that type of All-State group. For example, a student must be a member of the Cherry Creek High School Jazz Band before they can try out for All-State Jazz Band. A student who is in Concert Band only (not Jazz Band also), cannot try out for All-State Jazz Band.

CONCERT BAND ★

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Successful prior band experience

The goal of this band is to prepare music for concert performance. It is the intent of this band's curriculum to expose students to the joy and satisfaction of performing music in a large ensemble environment where skill development will be emphasized. Students are expected to improve their level of proficiency and to function as a member of the band by coming to class and performances prepared to fulfill their performance obligations.

SYMPHONIC BAND 1 ★

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Audition by Instructor (Auditions occur in March)

The Symphonic Band 1 is a group of auditioned winds and percussion that prepare music for concert and festival performances. The curriculum for this class is aimed at the advancing musician, and proper instrumental technique, ear training skills, music theory, and appropriate rehearsal/performance disciplines will be taught in this course. Performances are required and are a significant portion of semester grades.

SYMPHONIC BAND 2 ★

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Audition by Instructor (Auditions occur in March)

The Symphonic Band 2 is a group of auditioned winds and percussion that prepare music for concert and festival performances. The curriculum for this class is aimed at the intermediate level musician, and proper instrumental technique, ear training skills, music theory, and appropriate rehearsal/performance disciplines will be taught in this course. Performances are required and are a significant portion of semester grades.

WIND ENSEMBLE ★

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Audition by Instructor (Auditions occur in March)

The Wind Ensemble is a select group of concert winds and percussion that prepare music for concert and festival performances. Some select members of this band also serve as the wind and percussion section for the Symphonic Orchestra. Proper instrumental technique, ear training skills, music theory, and appropriate rehearsal/performance disciplines are taught in this course. Performances are required and are a significant portion of semester grades.

JAZZ BAND 1 ★

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Audition by Instructor (Auditions occur in March)

Jazz Bands at Cherry Creek High School are limited to the instrumentation of the classic Big Band; two alto saxophones, two tenor saxophones, one baritone saxophone, four trombones, four trumpets, one drummer, one electric bass player, one electric guitar player, and one pianist.

Student must be enrolled concurrently in a Concert Band course.

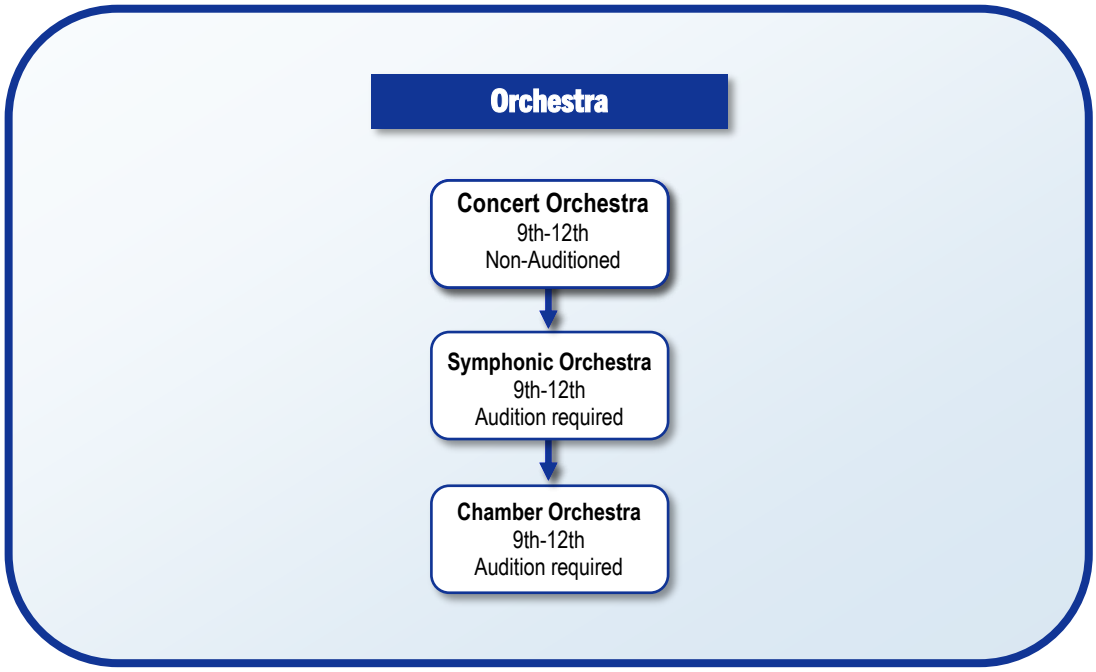
JAZZ BAND 2 ★

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Audition by Instructor (Auditions occur in March)

See course Jazz Band 1 for description.

ORCHESTRA



CONCERT ORCHESTRA ★

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Successful prior Orchestra experience

Concert Orchestra is open to violin, viola, cello, and bass players with at least 3 years prior experience. No audition required for acceptance into Concert. This orchestra meets as a class and performs throughout the year at evening concerts.

CHAMBER ORCHESTRA ★

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Audition by Instructor (Auditions occur in March)

Chamber Orchestra is the advanced string orchestra, comprised of select violin, viola, cello, and bass players. Audition is required for acceptance into Chamber. This orchestra meets as a class and performs throughout the year at evening concerts and various regional/state festivals.

SYMPHONIC ORCHESTRA ★

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Audition by Instructor (Auditions occur in March)

Symphonic Orchestra is the intermediate string orchestra, comprised of select violin, viola, cello, and bass players. Audition is required for acceptance into Symphonic. This orchestra meets as a class and performs throughout the year at evening concerts and various regional/state festivals.

ADDITIONAL MUSIC COURSES

***ADVANCED PLACEMENT - MUSIC THEORY**

Grade Levels: 11-12 Credit: 1 Term: Year
Prerequisite: Approval by Instructor

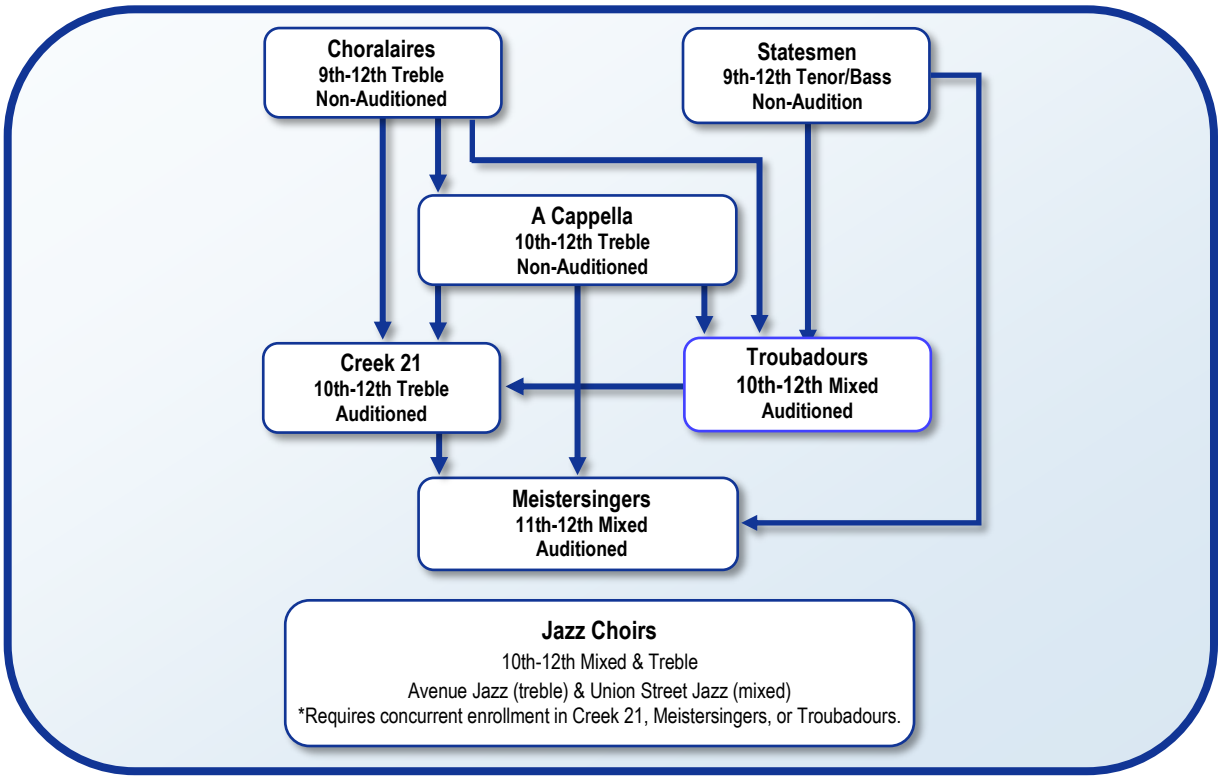
AP Music Theory is designed for the more serious music student. The course emphasizes fluency with music's fundamentals of notation, scales, keys and modes, intervals and chord structure via Roman numeral analysis and figured bass symbols. This leads to fluency in part writing, harmonization of the soprano line, harmonic analysis of instrumental and vocal music, dictation exercises, aural skills and sight singing. Students are expected to take the AP Music Theory Exam given in the spring.

PIANO ★

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: None

This course is designed for students to develop and/or increase piano skills with teacher assistance. These skills will include basic finger technique, scales, knowledge of various forms of piano literature and music theory. Students are assessed on a consistent basis throughout each quarter and will have the opportunity to perform for classmates at the close of each quarter.

VOCAL MUSIC



STATESMEN ★

Grade Level: 9-12 **Credit: 1** **Term: Year**
Prerequisite: None

This course is designed for all tenors and basses who wish to study and perform in the area of choral music. The emphasis of this class is to offer students an understanding of choral music from major periods in history to the present and its aesthetic value while developing appropriate vocal technique. Any students with tenor, bass, or cambiata voices, regardless of experience or grade level, are welcome to join. Students will perform required concerts throughout the year and are expected to purchase a performance outfit.

CHORALAIRES

Grade Level: 9 **Credit: 1** **Term: Year**
Prerequisite: None

This course is designed for 9th grade students with treble voices who wish to study and perform in the area of choral music. The emphasis of this class is to offer students an understanding of choral music from major periods in history to the present and its aesthetic value while developing appropriate vocal technique. Any students with a treble voice, regardless of experience or grade level, are welcome to join. Students will perform required concerts throughout the year and are expected to purchase a performance outfit.

A CAPPELLA CHOIR ★

Grade Levels: 10-12 **Credit: 1** **Term: Year**
Prerequisite: None

This course is designed for 10th – 12th grade students with treble voices who wish to study and perform in the area of choral music. The emphasis of this class is to offer students an understanding of choral music from major periods in history to the present and its aesthetic value while developing appropriate vocal technique. Any student with a treble voice, regardless of experience or grade level, are welcome to join. Students will perform required concerts throughout the year and are expected to purchase a performance outfit.

TROUBADOURS ★

Grade Levels: 10-12 **Credit: 1** **Term: Year**
Prerequisite: Audition by Instructor

This course is designed for selected intermediate students and emphasizes professional standards of choral music in the areas of literature, history, theory, and proper singing technique. The goal of this choir is to prepare music for concert performance and continue building musical literacy in an advanced choir environment. Students perform at various outside concerts throughout the year and are required to participate in extra rehearsals outside the school day.

CREEK 21 ★

Grade Levels: 10-12 **Credit: 1** **Term: Year**
Prerequisite: Audition by Instructor

This course is designed for selected students with treble voices and emphasizes professional standards of choral music in the areas of literature, history, theory, and proper singing technique. The goal of this choir is to prepare music for concert performance and continue building musical literacy in an advanced choir environment. Students perform at various outside concerts throughout the year and are required to participate in extra rehearsals outside the school day.

MEISTERSINGERS ★

Grade Levels: 11-12 **Credit: 1** **Term: Year**
Prerequisite: Audition by Instructor

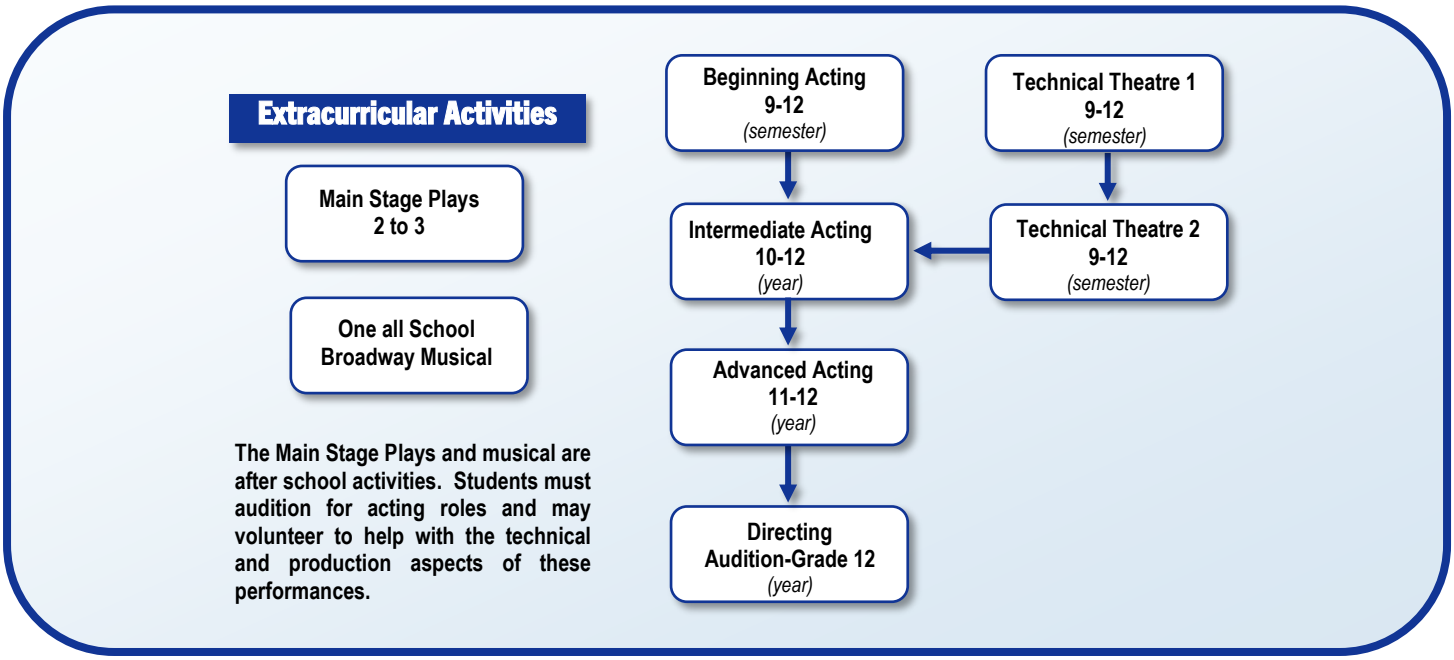
This course is designed for selected students with treble, tenor, and bass voices and emphasizes professional standards of choral music in the areas of literature, history, theory, and proper singing technique. The goal of this choir is to prepare music for concert performance and continue building musical literacy in an advanced choir environment. Students perform at various outside concerts throughout the year and are required to participate in extra rehearsals outside the school day.

JAZZ CHOIR ★

Grade Levels: 10-12 **Credit: 1** **Term: Year**
Prerequisite: Audition by Instructor

The choir department offers two choirs for students interested in vocal jazz. Avenue Jazz is designed for treble voices in grades 10-12. Union Street Jazz is designed for mixed voices in grades 10-12. The emphasis of these courses is to expose students to the professional standards of vocal jazz in the areas of literature, technique, articulation, and improvisation. Students should have strong vocal technique and a high mastery of musical literacy. Concurrent membership in another choral ensemble is required.

THEATRE



BEGINNING ACTING

Grade Levels: 9-12 Credit: .5 Term: Sem.
Prerequisite: None

This one semester course is a foundational introduction to acting, and serves as the basis for further courses in acting and directing. Students learn techniques in personalization, concentration, listening, emotional availability, dramatic action, imagination, scene study, monologue study and improvisation. Major acting pedagogies are explored, including: Stanislavksi, Hagen, Boleslavsky, and Meisner. The major course units are applied to both theatrical and non-theatrical settings. Students will receive written and oral critiques on performance work.

INTERMEDIATE ACTING

Grade Levels: 10-12 Credit: 1 Term: Year
Prerequisite: Beginning Acting

This performance course stretches the foundational acting techniques to deepen understanding and ready the student for application of style. This includes advanced script analysis and playwriting, genre (comedy vs drama) study, advanced scene work, musical theater, Shakespeare, accent and dialect study (International Phonetic Alphabet), and on-camera acting. Individuals enrolled in the course receive written and oral critiques on performance work. Students who successfully pass this course will be eligible to request enrollment into Advanced Acting.

ADVANCED ACTING ★

Grade Levels: 11-12 Credit: 1 Term: Year
Prerequisite: Audition or consent of Instructor

Advanced Acting takes the acting curriculum and applies it to process and production. Various skills are targeted, including: advanced script analysis and research, audition practicum, actor and director relationships, rehearsal and performance, theories of performance, devising, and the business of acting. Actors will perform in one one-act play each semester and receive written and oral critiques based on the work. The plays are presented for appropriate classes during school and evening public performances. Students who successfully pass this course will be eligible to apply for Directing.

DIRECTING

Grade Levels: 11-12 Credit: 1 Term: Year
Prerequisite: Beginning Acting, Intermediate Acting, Advanced Acting, and interview.

Directing is an advanced theater course that focuses on taking artistic leadership and integrity in the theatrical medium. Students develop skills in: advanced script analysis and research, actor coaching, rehearsal and performance, staging techniques, performance theories, devising, conceptualization, literary management (agent, playwright, and publisher correspondence), casting and budgeting. Directors select and direct one one-act play each semester and receive written and oral critiques based on the work. Past productions have resulted in world, regional, and educational premiers. The plays are presented for appropriate classes during school and evening public performances. The class is highly selective, and permits students to assistant direct after-school theater productions.

TECHNICAL THEATRE 1

Grade Levels: 9-12 Credit: .5 Term: Sem.
Prerequisite: None

This course will give theater students a hands-on survey of aspects of technical theater including: construction, scenic painting, lighting, sound, props and stage management. Students will be encouraged, but not required, to participate in our main stage productions. This course is repeatable. Students who have completed Technical Theater 1 and 2 in addition to Intermediate Acting, will be permitted to apply for Directing.

TECHNICAL THEATRE 2 ★

Grade Levels: 9-12 Credit: .5 Term: Sem.
Prerequisite: None

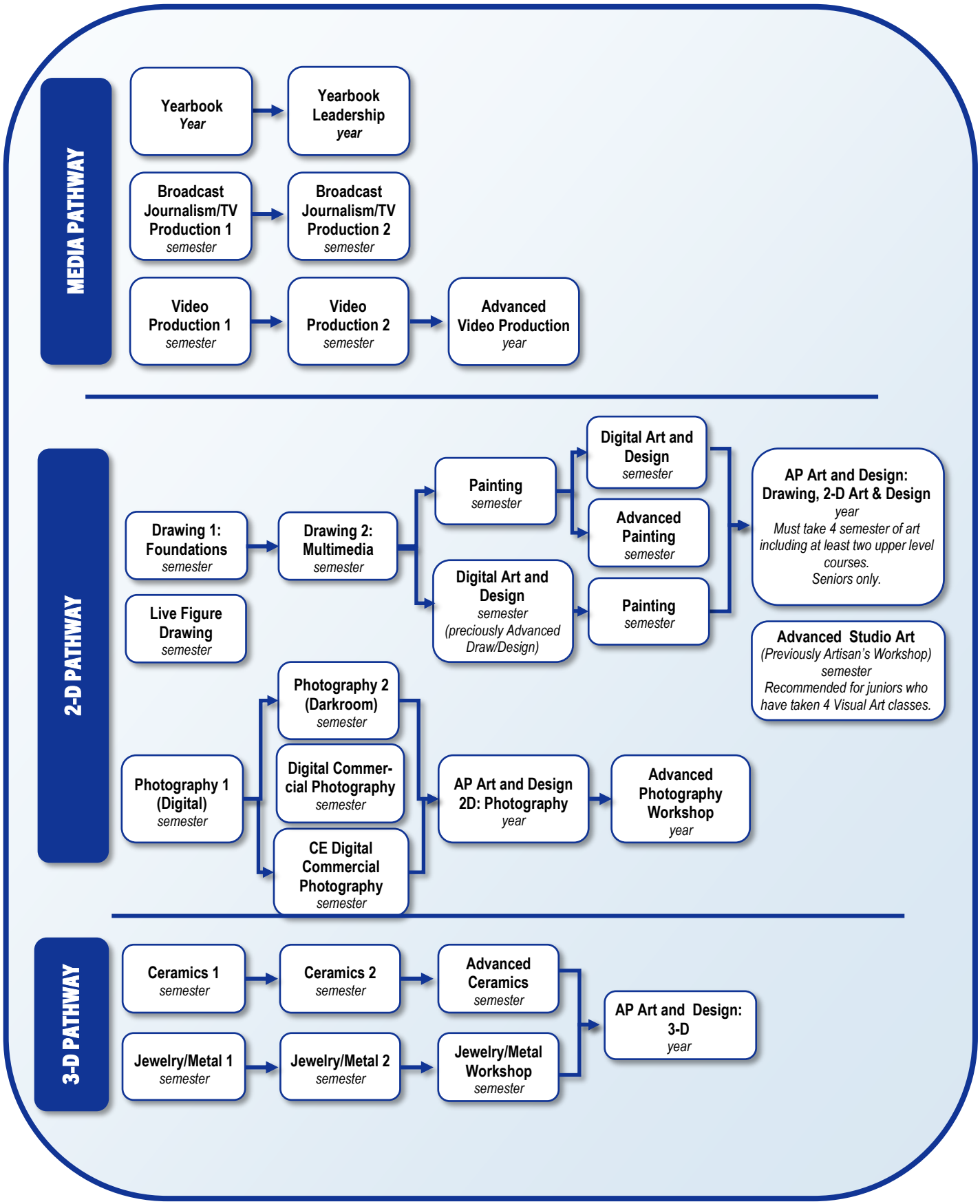
In this course, students nurture a deeper understanding in script understanding and personal expression. Techniques in conceptualization are developed in addition to advanced practices in design (such as scale modeling), and continued experience with the survey areas of Technical Theater 1. This course is repeatable, and students with demonstrated competency may take leadership roles within the classroom after declaring a major area of focus. Students who have completed Technical Theater 1 and 2 in addition to Intermediate Acting, will be permitted to apply for Directing. Students who have completed Technical Theater 1 and 2 often apply for tech leadership in the after-school theater program.

UNIFIED PEER MENTOR THEATER

Grade Levels: 10-12 Credit: .5 Term: Sem.
Prerequisite: None

This course will integrate students in ILC and general education peers into a community and ensemble-based exploration of theater arts. Skills in communication, collaboration, creativity, performance, and production are all developed. This class is ideal for students looking to work with students with special needs. For a final project, the entire ensemble (consisting of both typically and atypically learning students) will perform a one-act play (a part of the Cherry Creek High School Unified Theater Project) that will be developed throughout the entire semester. The performance requirement involves one day and one evening of extra-curricular work during the course of the semester.

VISUAL ARTS


MEDIA PATHWAY
Yearbook Year
Yearbook Leadership year
Broadcast Journalism/TV Production 1 semester
Broadcast Journalism/TV Production 2 semester
Video Production 1 semester
Video Production 2 semester
Advanced Video Production year
2-D PATHWAY
Drawing 1: Foundations semester
Drawing 2: Multimedia semester
Live Figure Drawing semester
Painting semester
Digital Art and Design semester (preciously Advanced Draw/Design)
Digital Art and Design semester
Advanced Painting semester
Painting semester
AP Art and Design: Drawing, 2-D Art & Design year Must take 4 semester of art including at least two upper level courses. Seniors only.
Advanced Studio Art (Previously Artisan's Workshop) semester Recommended for juniors who have taken 4 Visual Art classes.
Photography 1 (Digital) semester
Photography 2 (Darkroom) semester
Digital Commercial Photography semester
CE Digital Commercial Photography semester
AP Art and Design 2D: Photography year
Advanced Photography Workshop year
3-D PATHWAY
Ceramics 1 semester
Ceramics 2 semester
Advanced Ceramics semester
Jewelry/Metal 1 semester
Jewelry/Metal 2 semester
Jewelry/Metal Workshop semester
AP Art and Design: 3-D year

***ADVANCED PLACEMENT ART AND DESIGN - 3D Design**

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: Permission of Instructor, Jewelry & Metals 1, 2, recommended: Jewelry & Metals Workshop Or Permission of Instructor, Ceramics 1, 2, recommended: Advanced Ceramics

A College level course culminating in the preparation and submission of a portfolio for college credit. AP 3D students will spend the year refining their skills in the study of three-dimensional design ideas, materials, and processes. These can be explored through additive, subtractive, or fabrication processes; figurative or non-figurative sculpture; architectural models; Jewelry-both fabricated and cast; and Ceramics-both hand build and thrown work.

Students are required to conduct a sustained investigation lead by an essential question or questions and synthesizes their ideas, materials, and processes in a cohesive body of work. The body of work must contain 15 original works of art. Students must be responsible for a $40.00 fee.

***ADVANCED PLACEMENT ART AND DESIGN: 2D Design-Photography**

Grade Levels: 11-12 Credit: .1 Term: Year

Prerequisite: Permission of Instructor, Photography 1, and Commercial Photography

A College level course culminating in the preparation and submission of a portfolio for college credit. Students will spend the year refining their skills in the study of Photographic ideas, materials, and processes. These are explored through the experimentation with techniques and processes in both digital photography and traditional black and white photography. Students are required to conduct a sustained investigation led by an essential question/questions and synthesize their ideas, materials, and processes in a cohesive body of work. The body of work must contain 15-20 original photographic works of art. Lab fee required for course as well as for College Board portfolio/final.

***ADVANCED PLACEMENT ART AND DESIGN: Drawing, 2D Art and Design**

Grade Levels: 12 Credit: 1 Term: Year

Prerequisite: Permission of Instructor, Drawing 1, minimum of four semesters of art with a B or better average including two upper level art courses.

A college-level course in which students develop an independent portfolio that explores a personally meaningful concept and demonstrates technical mastery in any 2D drawing, painting, digital, or printmaking medium. Intended only for highly motivated student artists who committed to a disciplined artistic practice. Instead of an exam, students submit their portfolios in May for scoring. Each AP student will be given their own personal studio space for use throughout the year. A course fee of $35.00 per semester will be required to cover all materials.

***ADVANCED PLACEMENT ART HISTORY**

Grade Levels: 10-12 Credit: 1* Term: Year

Prerequisite: None

Sophomores must be concurrently enrolled in a World History course.

AP Art History is an effective way to review significant events in world culture from a more visual perspective. AP Art History will present a variety of art objects forged by unique historical, geographical, technological, religious, cultural and personal fires. These artistic impulses will enhance a student's awareness of how the humanities reflect and stimulate all human behavior. Course work will consist of unit examinations, vocabulary quizzes, oral presentations, and small research projects.

*1 Fine Arts cred, OR .5 Fine Arts and .5 Social Studies credit if enrolled for full year. Students must notify counselor to request Social Studies credit.

ADVANCED CERAMICS

Grade Levels: 11-12 Credit: .5 Term: Sem.

Prerequisite: Ceramics 1 & 2; and Instructor approval

This class will allow advanced ceramic students the opportunity to build a body of work to begin exploring and developing a personal voice and style as an artist. Students will create seven works of art that explore techniques, processes, glaze chemistry, surface treatments, and kiln firings to express conceptual ideas. Course materials include a number of consumables, which the student is expected to provide, amounting to $25.00. Enrollment is subject to instructor approval.

DIGITAL ART AND DESIGN *(formerly Advanced Draw/Design)*

Grade Levels: 10-12 Credit: .5 Term: Sem.

Prerequisite: Drawing 1: Foundations and Drawing 2: Multimedia

A course designed for further development of both traditional drawing & design-based problem-solving skills as established in Drawing/Design 2. This course is a digital drawing & design class that will provide students the opportunity to use Procreate on an iPad with an Apple Pencil to create a wide range of works including character design, illustration, poster design, and typography. A course fee of $15.00 will be required to cover all materials.

ADVANCED PHOTOGRAPHY WORKSHOP

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: Successful completion of Commercial Photography and AP 2D Design-Photography

This course allows for advanced work in the Design & Multimedia Arts Program of Study. This advanced work can be individualized to the specific program of study to allow for specialized study for the student. It may include project based learning or preparation for the end of program industry certification. Specific content and course design will be determined by the instructor in collaboration with the individual student. This course allows students the opportunity to explore, expand and experiment using the medium of photography. Building on the technical and aesthetic experiences of Photography 1 and 2, this class further investigates intermediate and advanced processes and topics in both traditional and digital image making. During this course the students are expected to begin developing a consistent focused body of work and to complete a photographic portfolio. Students must have demonstrated a strong work ethic, be self-motivated, inquisitive, and maintain an experimental attitude to expand their vision of what photographic image making can be. Course materials include a DSLR and film camera and consumables such as film and print papers. Lab fee required.

ADVANCED VIDEO PRODUCTION

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: Video Prod. 1 or Broadcast Journalism/TV Production 1

AVP is a yearlong course for students who enjoyed and excelled in the other video production courses offered at Creek. The major focus of the class is to produce high quality short films. Many of the assignment topics are chosen by students, who will propose a film, and create their own schedule and due dates. Some Advanced students pursue film in college and beyond, and former students in film school and the industry will speak to the class throughout the school year. This is a great way for students to make their first connections in the film industry. There is a $20 consumables fee for the course per semester.

ADVANCED PAINTING

Grade Levels: 10-12 Credit: .5 Term: Sem.

Prerequisite: Painting

This course is designed to expand on skills learned in Painting to continue to create imaginative, conceptual, and personally meaningful works. Students will explore watercolor, acrylic, and oil, as well as an independent study in a medium of their choice. A course fee of $20.00 will be required to cover all materials.

ADVANCED STUDIO ART *(formerly Artisan's Workshop)* ★

Grade Levels: 11-12 Credit: .5 Term: Sem.*

Prerequisite: Drawing 1: Foundations, Drawing 2: Multimedia & Painting. Digital Art & Design and/or Advanced Painting.

Advanced Studio is an ideal course for serious student artists interested in developing a body of work in preparation for AP Studio and/or to prepare an art portfolio for admission into an art program at a college/university or art school. Students must have taken a minimum of four 2D art courses and demonstrate both maturity and independence to receive permission to enroll. Students are expected to meet an accelerated pace of deadlines. Each student will be given their own personal studio space.

Course materials include a number of consumable materials, which the student is expected to proved. Amounting to $30.00. Enrollment is subject to instructor approval.

*May be taken for four semesters maximum.

BRD SPORTS MEDIA/CCSN ★

Grade Levels: 9-12 Credit: .5 Term: Sem.

Prerequisite: Teacher approval only

Broadcast Media – Cherry Creek Sports Network

This is an introductory course that explores the industry of Broadcast Media where through various mediums students will experience producing live events and the content associated with producing and marketing those events and activities. Students learn the basic fundamentals of broadcast production, including writing, producing, and computer editing. Students receive basic training in photography and videography techniques using digital technology to create various broadcasts for TV and the Internet. The Cherry Creek Sports Network produces and broadcasts live student events during the course of the year and creates content to support and promote those efforts. Additionally, CCSN takes on special projects such as the Homecoming Hype film, the web series The Season. To learn more you can follow CCSN on Twitter @cherrycreksn and find their productions at the Cherry Creek Sports Network YouTube channel.

* This course may be repeated with permission of instructor

* Attending extra-curricular events is a key component to this class. See Mr. Weiss or contact him at mweiss9@cherrycreekschools.org if you have questions or concerns about this element.

BROADCAST JOURNALISM/TV PROD 1 ★

(BBN—Video morning announcements)

Grade Levels: 9-12 Credit: .5 Term: Sem.
Prerequisite: None

Students will create a weekly Video Morning Announcement that are broadcast throughout the school. Students will learn creative script writing, filming, acting and speech presentation, editing, and producing. The class will focus on the ability to create short advertisements that are both entertaining and informative. It is recommended, but not required, that students have taken Video Production 1.

BROADCAST JOURNALISM/TV PROD 2 ★

(BBN—Video morning announcements)

Grade Levels: 9-12 Credit: .5 Term: Sem.
Prerequisite: Broadcast Journalism/TV Prod 1

If you take a second semester of Broadcast Journalism, it will appear as Broadcast Journalism 2 on your transcript. Second semester students will assume greater leadership roles in the production of the weekly Video Morning Announcements. They will still be producing individual announcements, but will also become Executive Producers, responsible for the overall look and feel of the announcements. Responsibilities will include organization and delegation of announcements, and the mentoring and critiquing of their peers.

CE DIGITAL COMMERCIAL PHOTOGRAPHY ACC

Grade Levels: 10-12 Credit: .5 Term: Sem.
Prerequisite: Photography 1, Digital Commercial Photography and Teacher approval only
Fee: $75

This course concentrates on the high-end capabilities of Adobe Photoshop, design and photo retouching tool. Students explore a wide range of selection and manipulation techniques that can be applied to photos, graphics, and videos. The course competencies and outline follow those set out by the Adobe Certified Associate exam in Visual Communication Using Adobe Photoshop. This dynamic, hands-on, project oriented photography course challenges students to think critically, learn professionalism, and produce critically acclaimed art. Assigned projects prepare students to strengthen their creative eye and see life from a different perspective. Students learn digital photography, and learn the industry standard professional software: Adobe Photoshop. Students will explore career possibilities, develop a resume, and meet photographers, all while preparing for college and industry. This course will include understanding the commercial photography business, composition theory, digital ethics, and competition events, where students produce a print portfolio and web based portfolio.. This course aligns with the Colorado Community College course Adobe Photoshop (MGD 1011). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. Lab fee required.

CERAMICS 1

Grade Levels: 10-12 Credit: .5 Term: Sem.
Prerequisite: None
(*10th grade students need coordinator/teacher approval for this course.)*

This is a beginning level course for students interested in working with clay. Students will learn the techniques and processes involved in slab building, coiling, using molds, and glazing techniques. Course materials include a number of consumables which students are expected to provide, amounting to $25.00.

CERAMICS 2

Grade Levels: 11-12 Credit: .5 Term: Sem.
Prerequisite: Ceramics 1

This is an advanced level course for students interested in exploring clay at a more conceptual level. Students will use the skills and techniques learned in Ceramics 1, as well as new techniques such as wheel throwing. This course will allow students to express ideas and concepts with regard to sculptural form. Course materials include a number of consumables which students are expected to provide, amounting to $25.00.

DIGITAL COMMERCIAL PHOTOGRAPHY

Grade Levels: 10-12 Credit: .5 Term: Sem.
Prerequisite: Photography 1 and Teacher approval only

This course concentrates on the high-end capabilities of Adobe Photoshop, design and photo retouching tool. Students explore a wide range of selection and manipulation techniques that can be applied to photos, graphics, and videos. The course competencies and outline follow those set out by the Adobe Certified Associate exam in Visual Communication Using Adobe Photoshop. This dynamic, hands-on, project oriented photography course challenges students to think critically, learn professionalism, and produce critically acclaimed art. Assigned projects prepare students to strengthen their creative eye and see life from a different perspective. Students learn digital photography, and learn the industry standard professional software: Adobe Photoshop. Students will explore career possibilities, develop a resume, and meet photographers, all while preparing for college and industry. This course will include understanding the commercial photography business, composition theory, digital ethics, and competition events, where students produce a print portfolio and web based portfolio.. This course aligns with the Colorado Community College course Adobe Photoshop (MGD 1011).

DRAWING 1: FOUNDATIONS (*formerly Draw/Design 1)*

Grade Levels: 9-12 Credit: .5 Term: Sem.
Prerequisite: None

An introductory course in composition, design, and creativity through the use of 2D drawing media. Students will build foundational skills in a wide variety of techniques and subject matter in order to create original works of art. Students will explore a range of media including ink, graphite, and digital art. A course fee of $15.00 will be required to cover all materials.

DRAWING 2: MULTIMEDIA *(formerly Draw/Design 2)*

Grade Levels: 9-12 Credit: .5 Term: Sem.
Prerequisite: Drawing 1: Foundations or Instructor approval

A course designed for students interested in exploring a variety of 2D painting and drawing media including watercolor, printmaking, and collage. Students will expand on their skills learned in Drawing 1 to create imaginative, creative, and personally meaningful works in a range of subject matter to develop a more independent artistic voice. A course fee of $15.00 will be required to cover all materials.

JEWELRY/METAL 1

Grade Levels: 9-12 Credit: .5 Term: Sem.
Prerequisite: None

Jewelry and Metals 1 is an exploratory class in which students learn how to design and produce highly crafted and aesthetically pleasing jewelry. The student learns to use a variety of materials, tools and techniques with regard to metal-smithing. Historical and cultural perspectives will be examined to assist in this process of discovery and creation. Students will be responsible for a materials fee for the class.

JEWELRY/METAL 2

Grade Levels: 10-12 Credit: .5 Term: Sem.
Prerequisite: Jewelry/Metal 1

Jewelry and Metals 2 is designed to continue to refine knowledge and skills covered in the beginning course. In addition, students will be exposed to a broader array of technical and aesthetic possibilities in jewelry making. Students will be responsible for a materials fee for the class.

JEWELRY/METAL WORKSHOP

Grade Levels: 11-12 Credit: .5 Term: Sem.
Prerequisite: Jewelry/Metal 2 and consent of Instructor

Jewelry & Metals Workshop is designed for advanced students who wish to further explore, experiment and expand their aesthetic and technical repertoire. In addition to considering traditional jewelry forms and techniques, students will be exposed to sculptural possibilities of metal-smithing. New materials and processes will be considered as well. Students will be responsible for a materials fee for the class.

LIVE FIGURE DRAWING

Grade Levels: 9-12 Credit: .5 Term: Sem.
Prerequisite: None

The figure drawing course addresses human anatomy with regard to the bones and muscles that make up the human form. Students will draw from a live clothed model in a wide variety of media, including, charcoal, conté crayon, ink, and paint. The first half of the semester, the students will draw from the model every day to work toward mastery. During the second half of the semester, the students will collaborate on an animated movie digitally using Procreate Dreams on the iPad. Students are responsible for a small materials fee of $15.00.

PAINTING

Grade Levels: 10-12 Credit: .5 Term: Sem.
Prerequisite: Drawing 1 & 2

A course designed to give a broad experience in painting through the creative use of watercolor, acrylic, and oil. Subjects including still-life, landscape, and the figure will be explored to create a portfolio of original works. A course fee of $20.00 will be required to cover all materials.

PHOTOGRAPHY 1

Grade Levels: 9-12 Credit: .5 Term: Sem.
Prerequisite: None

This photography course focuses on digital camera operations, photography composition, and Photoshop. Students will learn basic DSLR camera operations, framing and the art of styling and lighting for professional photo shoots. Projects will include landscape, portraits, commercial products, sports, abstract/ fine art, surreal, photojournalism, and compositional themes. Students will learn about careers related to commercial photography and the postsecondary programs and requirements within Colorado. Some examples of jobs in this area are photographer, graphic designer and stylist. Students will complete a number of projects and design pieces to be added to personal portfolios. Students will be lent a DSLR camera and access to Photoshop. The class will also address the history of photography through group and individual student research. Course materials include a DSLR. Lab fee required.

PHOTOGRAPHY 2

Grade Levels: 10-12 Credit: .5 Term: Sem.
Prerequisite: Photography 1

Photography 2 refines and expands the concepts, processes, and techniques taught in Photography 1 by applying it to the realm of 35mm film and darkroom photography. Teaching of darkroom and traditional black/white film photography techniques will allow the student an opportunity to explore manipulative and non-traditional approaches to image making. Course materials include 35mm film camera, darkroom, supplies, and other consumables. Course emphasizes the needs of commercial photographers with regard to technical expertise, creativity, and professional equipment. Technical aspects include film to digital transfer, lighting, digital image manipulation, alternative processes, large format camera work and stock photography. Creative exploration of subject matter, lighting, color theory and other psychological characteristics in the development of images are studied. Students are expected to create a portfolio of work for both print and electronic formats. Lab fee required.

UNIFIED PEER MENTOR VISUAL ARTS ★

Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: Must have a passion for working with students in the ILC program.

This course will integrate students in the ILC program and general education peers into a collaborative studio environment focused on visual arts. Students will explore creativity and communication through a variety of 2D and 3D media including drawing, painting, sculpture, and jewelry/metals. Unified Peer Mentors will support their partners in developing artistic skills while building relationships through creative experiences. Skills in collaboration, empathy, visual storytelling, and design will be emphasized. This course is ideal for students interested in working with peers with special needs in a hands-on, inclusive setting. Students are responsible for small materials fee.

VIDEO PRODUCTION 1

Grade Levels: 9-12 Credit: .5 Term: Sem.
Prerequisite: None

This semester-long course is a hands-on film production class. Students will produce a variety of short films with an emphasis on storytelling. Students will work individually and in groups to write, film, and edit their projects. We will learn techniques to create meaning in film via composition, editing, and sound design. All levels are welcome! There is a $20 consumables fee for the course.

VIDEO PRODUCTION 2

Grade Levels: 9-12 Credit: .5 Term: Sem.
Prerequisite: Video Production 1

This semester-long course is a hands-on film production class. Students will build on the skills they learned in Video Production 1 to produce a variety of more advanced short films. The major projects are Music Video, Animation, Social Media, and Storytelling films. There is a $20 consumables fee for the course.

YEARBOOK ★

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Instructor Approval

By enrolling in this course, students become staff members of the Cherry Creek High School Yearbook, the Patriot. Students will be responsible for every aspect of production of the yearbook. This includes interviewing, reporting, editing, planning and designing layouts, researching and writing copy, writing photo captions and headlines, and photographing athletics, activities and people. Additionally, student will address the business aspects of producing the yearbook: advertising, managing a business, selling, and promoting.

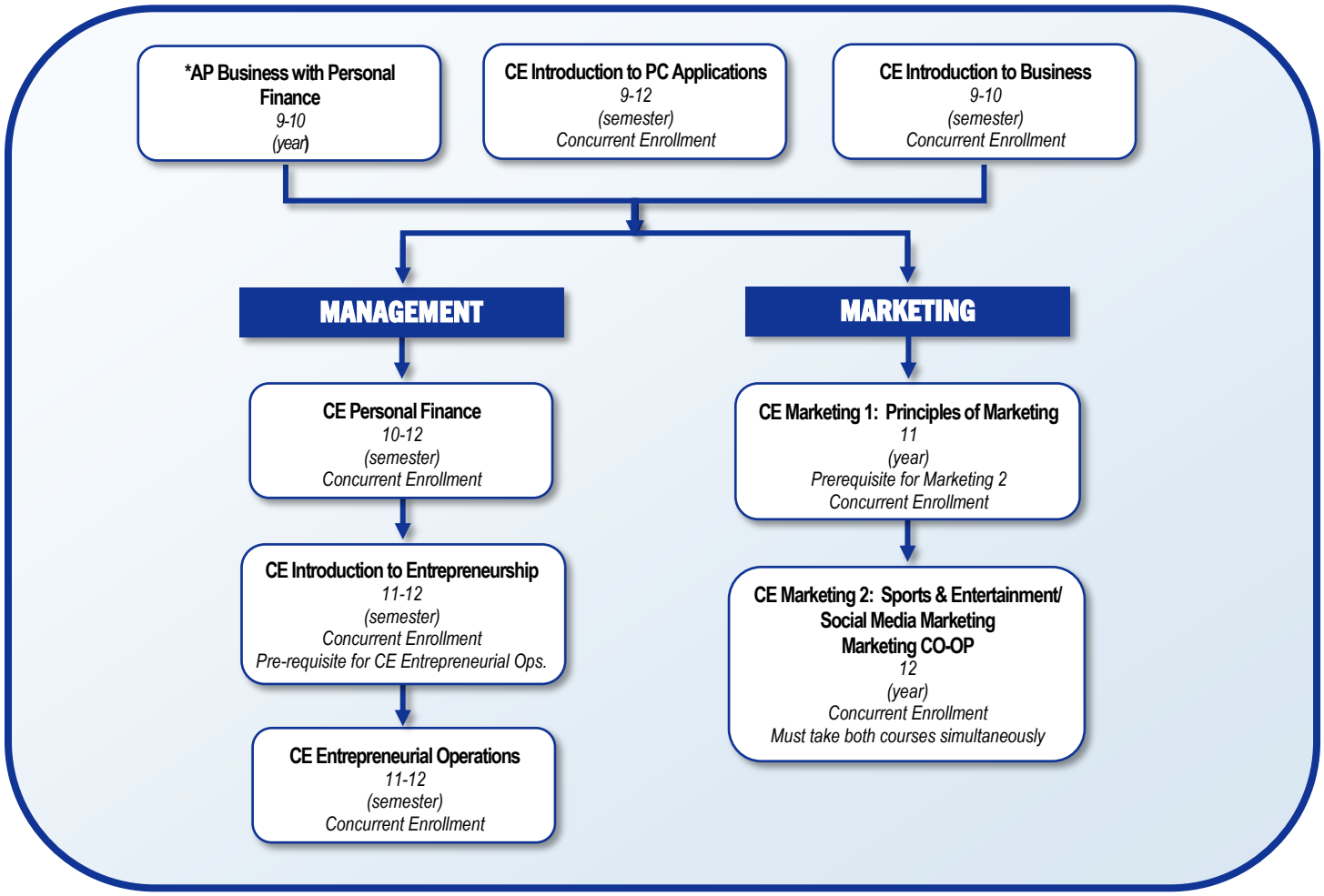
YEARBOOK LEADERSHIP ★

Grade Levels: 10-12 Credit: 1 Term: Year
Prerequisite: Yearbook

This course is open to students who are dedicated to advancing their journalistic and leadership experiences. Students in this course are the editorial board members of the yearbook staff. They are responsible for the production of the yearbook including reportage, design, layout, production, and distribution. Roles include leading writing, photography, design, reporting, communications, and culture. This course is offered concurrently with Yearbook. This class can be repeated with approval from the instructor for elective credit only.

PRACTICAL FINE ARTS

Introduction to PC Applications, Introduction to Business and/or *AP Business Principles are recommended prerequisites for Marketing 1, Personal Finance, and Introduction to Entrepreneurship.



*ADVANCED PLACEMENT BUSINESS WITH PERSONAL FINANCE

Grade Levels: 9-10 Credit: 1 Term: Year
Prerequisite: None

Students explore entrepreneurship, marketing, finance, accounting, and management through real-world projects and case studies. They apply national personal finance standards to develop financial literacy and create a comprehensive business plan, culminating in a formal pitch presentation. This year-long course prepares students for future business studies or entry into the workforce and entrepreneurial careers while addressing business finance and personal finance. It is recommended that students participate in FBLA (Future Business Leaders of America). This course includes personal financial literacy standards. Students are encouraged to take the AP Exam given in the spring.

CE INTRODUCTION TO ENTREPRENEURSHIP

School Based Enterprise Operations/Management

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

Explores the business skills, personality traits, and commitment necessary to successfully plan, launch, and grow an entrepreneurial venture. This course will cover the challenges and rewards of entrepreneurship. This course will cover the role of entrepreneurial businesses in the United States and the world and their impact on our national and global economy. This course aligns with the Colorado Community College course Introduction to Entrepreneurship (ENP 1005). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cte on the Concurrent Enrollment tab.

*Offered for 3 Concurrent Enrollment Credits through ACC (ENP 1005)

CE ENTREPRENEURIAL OPERATIONS

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: Successful completion of CE Introduction to Entrepreneurship

This course provides an option for students who have completed the first semester of CE Introduction to Entrepreneurship. Students in this course will take on leadership roles during the course. This course explores the essential requirements for starting and operating a business. The course covers the basic concepts of business law, marketing, finance, and operations. It guides the development of an effective business plan and prepares students to launch and sustain their own business. This course aligns with the Colorado Community College course Business Practicum (BUS 2088). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cte on the Concurrent Enrollment tab.

* Offered for 3 Concurrent Enrollment credits through ACC (BUS 2088).

CE INTRODUCTION TO BUSINESS

Grade Levels: 9-10 Credit: .5 Term: Sem
Prerequisite: None

Introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics. This course aligns with the Colorado Community College course Introduction to Business (BUS 115). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cte on the Concurrent Enrollment tab. Students are encouraged to participate in FBLA (Future Business Leaders of America). This course includes personal financial literacy standards.

* Offered for 3 Concurrent Enrollment credits through ACC (BUS 1015).

CE INTRODUCTION TO PC APPLICATIONS

Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

This course introduces basic computer terminology, file management, and PC system components. Provides an overview of office application software including word processing, spreadsheets, databases, and presentation graphics. Includes the use of a web browser to access the Internet. This course aligns with the Colorado Community College course Introduction to PC Applications (CIS 1018). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cte on the Concurrent Enrollment tab.

* Offered for 3 Concurrent Enrollment credits through ACC (CIS 1018).

CE MARKETING 1: PRINCIPLES OF MARKETING

Grade Level: 11 Credit: 1 Term: Year
Prerequisite: Intro to Business or *AP Business Principles

Presents 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. This course aligns with the Colorado Community College course Principles of Marketing (MAR 2016). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cte on the Concurrent Enrollment tab. Only students enrolled in Marketing classes may participate in DECA (an Association of Marketing Students).

* Offered for 3 Concurrent Enrollment credits through ACC (MAR 2016).

CE MARKETING 2: SPORTS & ENTERTAINMENT/SOCIAL MEDIA

Grade Level: 12 Credit: 1 Term: Year
Prerequisite: Successful completion of Marketing 1 and teacher recommendation

This course combines sports and entertainment marketing and Social Media for business. Sports and entertainment will explore management principles practiced by successful businesses in the sport and entertainment fields. Topics covered include college and amateur sports, professional sports, product management, customer relations, and more. Social Media for Business teaches students how to use social media as a business strategy and covers how to match that strategy with the goals of the business. This course addresses current trends, ethics, regulations, legal challenges, strategy, content development, and change management. This course helps students develop a better understanding of how marketing with social media is similar to and different from traditional marketing and how to best use online methods to further business goals. Students must enroll in Marketing 2 and Marketing CO-OP to receive proper credit. One credit earned for the classwork; one credit earned for the course-related job. This course aligns with the Colorado Community College course Social Media for Business (MAR 1055). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cte on the Concurrent Enrollment tab.

Only students enrolled in Marketing classes may participate in DECA (an Association of Marketing Students).

* Offered for 3 Concurrent Enrollment credits through ACC (MAR1055)

MARKETING CO-OP: School Based Enterprise - Retail

Grade Level: 12 Credit: 1 Term: Year
Prerequisite: Successful completion of Marketing 1 and teacher recommendation. Enrollment in Marketing 2.

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. The school store, Bear Necessities, will be used for the CO-OP requirement. Students must enroll in Marketing 2 and Marketing CO-OP to receive proper credit. One credit earned for the classwork, as noted above, and one credit for the course related work.

CE PERSONAL FINANCE

Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: Intro to Business recommended

Surveys the basic personal finance needs of most individuals and introduces the personal finance tools useful in planning and instituting a successful personal financial philosophy. The course emphasizes the basics of budgeting, buying, saving, borrowing, career planning, investing, retirement planning, estate planning, insurance, and income taxes. This course aligns with the Colorado Community College course Personal Finance (BUS 116). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cte on the Concurrent Enrollment tab. Students are encouraged to participate in FBLA (Future Business Leaders of America). This course includes personal financial literacy standards.

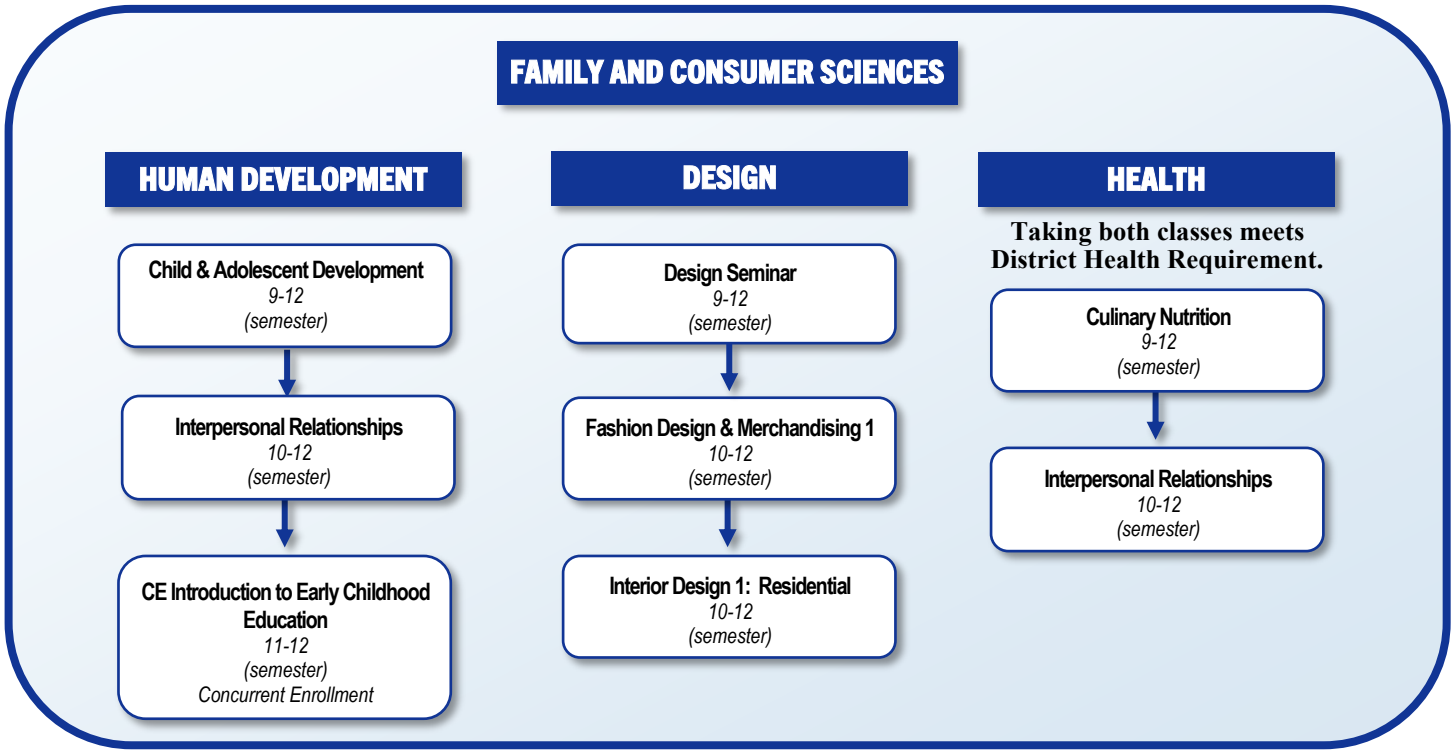
*Offered for 3 Concurrent Enrollment credits through ACC (BUS1016)

CHERRY CREEK'S CAREER AND TECHNICAL STUDENT ORGANIZATIONS (CTSO)

DECA: Cherry Creek has one of the more successful DECA programs in the nation, and DECA members will have many opportunities to participate in competitive business events, develop leadership skills, work on community service projects, and enjoy various social activities. Upon meeting required criteria, students will also earn a letter in DECA. Students are encouraged to test their knowledge in DECA related activities and participate in DECA community service and social activities.

FBLA: All students are encouraged to participate in FBLA (Future Business Leaders of America). Cherry Creek's FBLA program in nationally recognized with multiple national champions in the past few years. Members will have many opportunities to participate in competitive business events, develop leadership skills, work on community service projects, and enjoy various social activities. Upon meeting required criteria, students will also earn a letter in FBLA. Students are encouraged to test their knowledge in FBLA related activities and participate in FBLA community service and social activities.

FCCLA: All Family and Consumer Sciences students are encouraged to participate in FCCLA (Family, Career and Community Leaders of America). FCCLA offers intra-curricular resources and opportunities for students to pursue careers that support families. At Creek, FCCLA members have been making a difference in their families, careers, and communities by addressing important personal, work, and societal issues. Students will be able to participate in competitive events, develop leadership skills, work on community service projects and enjoy multiple social events. Upon meeting required criteria, students will also earn a letter in FCCLA



CE INTRODUCTION TO EARLY CHILDHOOD EDUCATION

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

The purpose of this course is to provide an introduction to the profession of Early Childhood Education (ECE). Course content includes eight key areas of professional knowledge related to working with young children and their families in early care and education settings: child growth and development; health, nutrition, and safety; developmentally appropriate practices; guidance; family and community relationships; diversity and inclusion; professionalism; and administration and supervision. This course addresses children ages birth through 8 years. This course aligns with the Colorado Community College course Early Childhood Education (ECE 1011). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cte on the Concurrent Enrollment tab.
* Offered for 3 Concurrent Enrollment credits through ACC (ECE1011).

CHILD & ADOLESCENT DEVELOPMENT

Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

The purpose of this course is to acquire knowledge and understanding of child and adolescent development necessary for strengthening the well-being of children and families. Content focuses on perspectives of human development, research and theories, understanding and nurturing development, and challenges to development. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service, and/or competitions related to the class.

INTERPERSONAL RELATIONSHIPS

Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: None

The purpose of the course is to acquire academic knowledge and understanding for healthy, respectful, and caring relationships across the life span. Emphasis is placed on family and friendly dynamics, effective communication, and healthy interpersonal relationships. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service, and/or competitions related to the class.

Note: By completing both Interpersonal Relationships and Culinary Arts 1, a student will fulfill the district Health requirements.

CULINARY NUTRITION

Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

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. Students will be able to: Demonstrate the correct procedures and techniques in introductory culinary labs. Analyze nutritional guidelines and plan menus that are nutritionally balanced. Demonstrate food safety standards. Students will be charged a $30.00 fee for consumable materials.

Note: By completing both Interpersonal Relationships and Culinary Nutrition, a student will fulfill the district Health requirements.

DESIGN SEMINAR

Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

This course will give students an introduction to the elements and principles of design as seen in Interior Design, Fashion Design, Publishing and a variety of other fields. In addition, it will introduce students to the many careers that require design and allow them to analyze their own career pathways to determine where design might fit. This course is recommended as an introduction to the fashion and interior design pathway. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service, and/or competitions related to the class. Students will be charged a $25.00 fee for consumable materials.

FASHION DESIGN & MERCHANDISING 1

Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: None

The purpose of this course is to expose students to various aspects of the fashion design and merchandising industry. Students integrate knowledge, skills, and practices to evaluate potential career opportunities. Emphasis is placed on an introduction to fashion, fashion and textile selection, product construction and fashion merchandising. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service, and/or competitions related to the class. Students will be charged a $25.00 fee for consumable materials.

INTERIOR DESIGN 1: RESIDENTIAL

Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: None

The purpose of this course is to expose students to various aspects of the interior design industry and is based on the industry's professional standards (Council of Interior Design Accreditation-CIDA). The first semester focuses on residential design. Students integrate knowledge, skills and practices to evaluate potential career opportunities. Areas of focus include: Introduction to Residential and Commercial Design; Design Drawings; Professional Practices/Education; Design Elements and Principles; and the Design Process. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service, and/or competitions related to the class. Students will be charged a $25.00 fee for consumable materials.

PE/HEALTH

Students are required to earn 1.5 credits in Physical Education and .5 credit in Health. It is optimal and encouraged that students take .5 credits from any or all of the different areas of Physical Education listed below.

1. **.5 credit in Adventure Base Activities**
2. **.5 credit in Fitness Based Activities**
3. **.5 credit in Individual Sports Activities**
4. **.5 credit in Team Sports Activities**
5. **.5 credit must be in Health (Sophomore year is recommended)**

HEALTH EDUCATION

HEALTH
Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: None (Sophomore year is recommended)

This is a required course needed for graduation credit at CCHS. Health includes discussions on current issues in health-related areas, such as, nutrition, physical fitness, diseases and disorders, mental health, stress management, first aid, human relationships, substance abuse and violence prevention. The class grade and evaluation is based on the students overall comprehension of the materials presented, assignments, projects, and unit assessments.

HEALTH - HYBRID
Type: Alternative Instruction-Blended Learning
Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

Health (Hybrid) is the class that is intended for the highly self-motivated, high academic student. Health includes discussions on current issues in health -related areas such as, nutrition, physical fitness, diseases and disorders, mental health, stress management, first aid, human relationships, substance abuse, and violence prevention. The class grade and evaluation is based on the students overall comprehension of the materials presented, assignments, projects, and unit assessments. Students will meet one to two times a week in the classroom. This class fulfills the CCHS Health requirement for graduation.

INDIVIDUAL SPORT ACTIVITIES

INDIVIDUAL SPORTS ★
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

In this class, the following sports and activities are offered throughout the course of each semester. Students are exposed to the basic skills, strategies, fitness components, rules, and regulations of 4-5 of the following activities as facilities permit:

Archery Pickle ball Golf Badminton Tennis

UNIFIED PEER MENTOR P.E. ★
Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: None

This course will pair and integrate high needs students and typical high school peers in a cooperative exploration of components and principles of physical fitness. High school peers will provide positive motivation, and interaction in the learning environment. Peers will also learn skills and techniques, exercises, games, dance techniques, language skills, math, and social building skills, alongside their high needs partners. The course is designed for students interested in working with special needs students.

UNIFIED PEER MENTOR SWIM FITNESS ★
Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: Swimming Skills

This course will pair and integrate high needs students and typical high school peers in a cooperative exploration of components and principles of swim fitness. This class will incorporate physical therapy and fitness in the water for students with and without disabilities associated with mobility.

TEAM SPORTS ACTIVITIES

SPORTS AND ACTIVITY FOR LIFE ★
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

This course introduces students to the skills, rules, strategies, and concepts involved with recreational, team, and individual sports and activities. The games introduced in this class are played for fun or competition and can be enjoyed as lifelong activities. Activities in this class include but are not limited to:

Basketball	Football	Volleyball
Soccer	Horseshoes	Cornhole
Spike Ball	Softball	Ultimate Frisbee
Pickelball	Tennis	Frisbee Golf

TEAM SPORTS (TSA) ★
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

The following sports and activities are offered throughout the course of each semester. Students are exposed to the basic skills, strategies, fitness components, rules, and regulations of 4-5 of the following activities as facilities permit.

Basketball	Flag Football	Volleyball
Soccer	Speedball	Speed-a-way
Frisbee	Softball	

FITNESS BASED ACTIVITIES

ADVANCED FITNESS (Weight Training) ★
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: Weight Training 1 or Summer Sports weight training

This course is geared to the high-level athlete. The course focuses on specific sports training to increase speed, power and strength. Olympic lifting techniques, plyometric training, core stretching, agility footwork, and platform training are taught.

DANCE ★
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

The course is designed to introduce the student to basic dance and movement. Content included is basic dance technique, physical conditioning for dance, flexibility and components of choreography.

BODY WORKS ★
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

Body Works is a low-impact physical education class designed to promote overall wellness through a blend of fitness styles, such as Pilates, Barre, walking, etc. In this calm space, students will explore various movement techniques that enhance strength, flexibility, and overall wellness. Students will engage in exercises that not only build physical fitness but also encourage mental clarity and emotional well-being. Body Works will foster a supportive environment where students can connect with their bodies and minds, nurturing a lifelong appreciation for health and fitness.

LIFEGUARD TRAINING ★
Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: Swimming Skills

Earn PE credit and get job training for the summer. This class will prepare you physically and mentally to become a Lifeguard. This class will meet daily, some days in the classroom, some days in the pool. In the classroom we will learn the most recent First Aid, CPR and Lifeguard skills. In the pool will be a combination of swim fitness and putting the skills learned in the classroom into use.

PERSONAL FITNESS Through CCHS ★
Type: Alternative Instruction-Blended Learning
Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

Personal Fitness (Hybrid) is a class that is intended for the highly self-motivated, high academic student. Students will learn about the components and principles used in physical fitness. This hybrid class meets once a week in the classroom. Students will use various forms of technology to collect, evaluate, and share their fitness activities and assignments. This information is used to document fitness levels and goals as students take ownership of their health and lifetime fitness levels.

POWER YOGA ATHLETIC CONDITIONING ★
Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: None

This course is designed for the student or athlete looking for a more intense yoga practice. Students will be exposed to a variety of yoga styles and poses that promote flexibility, core-strength, and muscle tone.

SWIM CONDITIONING ★
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: Some swimming skills

This class is a semester course that is open to freshmen, sophomores, juniors, and seniors. This course is designed to introduce the student to a conditioning program specific to swimming. Both competitive and non-competitive strokes will be introduced. Content focuses on physical efficiency and basic motor control components. Class is repeatable.

WEIGHT TRAINING ★
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

This is a course designed to introduce the activity of weight training to the student. A variety of exercises and workouts will be explored along with a general survey of the relationship of weight training and exercise to muscular and skeletal makeup of the body.

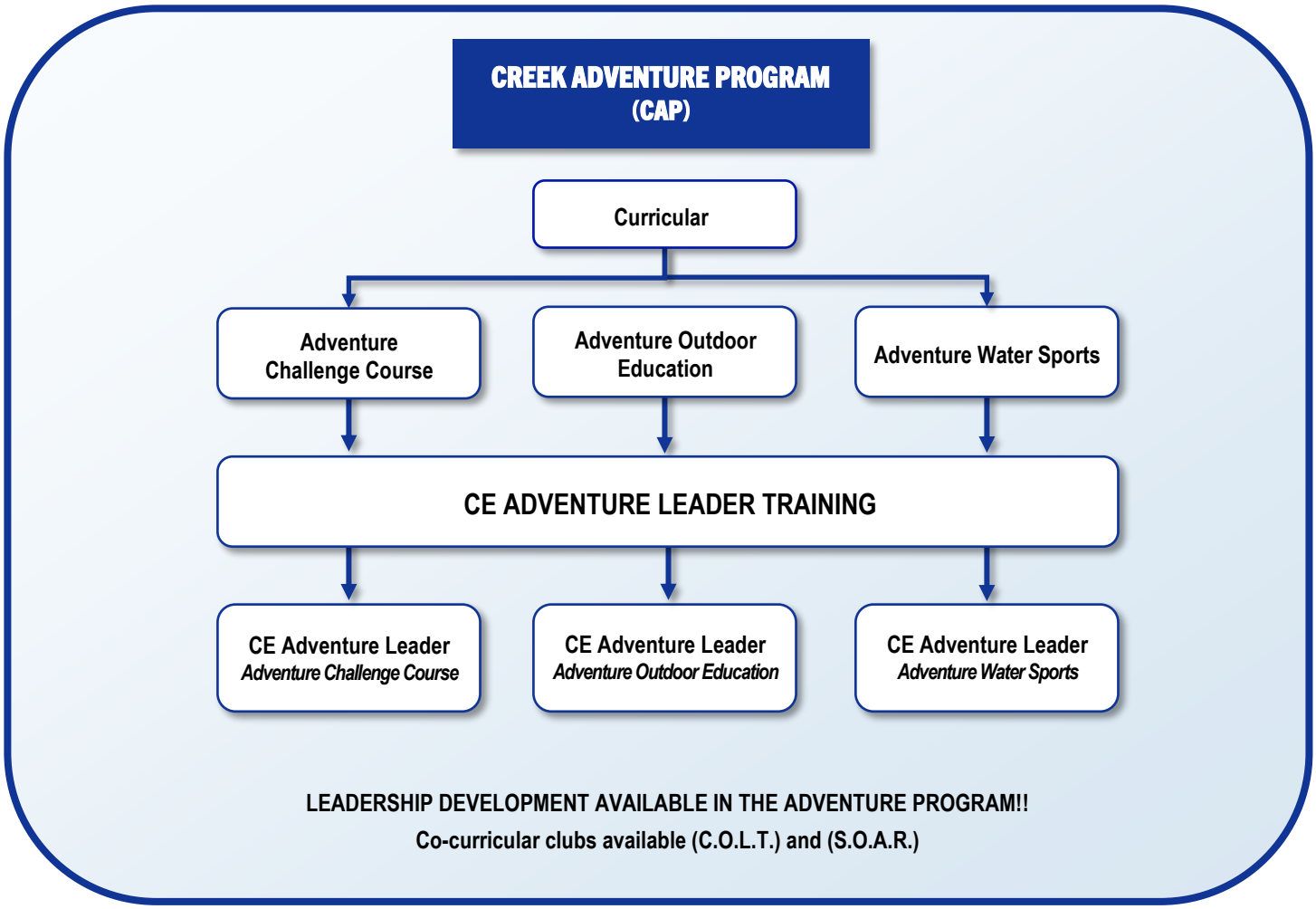
WEIGHT TRAINING AND FITNESS FOR WOMEN ★
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

This course is designed specifically for the fitness needs of women and highly recommended for off-season female athletes. Emphasis will be placed on developing strength, speed, agility, and injury prevention. A safe environment will be provided to allow women to experience success with a weight training program and utilize proven strategies and techniques. This course will be open to all students regardless of gender.

YOGA ★
Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: None

This course is an entry-level yoga class designed to introduce students to basic yoga, and mindfulness. Formats covered will include Vinyasa and Hatha. The practice of yoga promotes muscular strength, endurance, flexibility, and balance. The aim of this course is to promote health and engage students in lifetime fitness. Students will need to purchase their own personal yoga mat for this course.

ADVENTURE PROGRAM



ADVENTURE CHALLENGE COURSE (ACC)
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

Students enrolled in the Adventure Challenge Course Class will progress through an experientially based program that emphasizes interpersonal relationships and individual growth. This class encourages students to develop greater self-confidence and at the same time acquire a sense of trust and commitment in their classmates. Integrated throughout the curriculum is the development of cooperation, communication, trust, elements of safety, the use of critical thinking skills, and fun through a variety of activities. The CCSD Challenge Course and CCHS Climbing Walls are the primary educational tools. There is a $10.00 fee to this course. Students will be required to sign and commit to a full value contract, dress in appropriate clothing for the activities, complete a series of safety related performance evaluations, and a self-evaluation of their activities.

ADVENTURE FIELD EXPERIENCE (AFE) ★
Type: Alternative Instruction-Blended Learning
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None
Class Fees: Per field trip experience

This hybrid course is designed to address responsible outdoor education, recreation and leadership. Students enrolled in this class will meet on an alternative schedule and experience multiple outdoor field trip events to earn Physical Education credit. Students are required to meet one class period per week with the instructor in the classroom. Other class meetings and requiments will be field trip based. Students must fulfill a minimum requirement

of field experiences and can choose events to fit their schedule. Mandatory events include but are not limited to: intro to camping, overnight peak ascent, introductory backpacking, and rock climbing. Students will be required to attend after school on campus events including but not limited to: open wall climbing, paddle board sports, and Challenge Course program. All these events are outside the school day and will have additional fees to manage costs associated with transportation, supplies and backcountry permits.

ADVENTURE OUTDOOR EDUCATION (AOE)
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: None

Students enrolled in Adventure Outdoor Education (AOE) will receive instruction in backcountry living and travel, rock climbing, snow travel, avalanche awareness, Leave-No-Trace environmental ethics, and fitness. Students will be encouraged to develop greater self-confidence and a sense of community with their classmates. There is a $10.00 fee to this course. Field trips options occur over weekends and are offered through the Creek Outdoor Leadership Training (COLT) Club. These field trips provide the opportunity for use of the skills learned in class and are highly encouraged. All trips require an additional fee specific to that event.

ADVENTURE WATER SPORTS (AWS)
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: Intermediate Swimming Skills

Students enrolled in Adventure Water Sports (AWS) will receive instruction in snorkeling, beginning kayaking, stand up paddle boarding, water sports games, and swim fitness. Students will progress through an experiential based program that emphasizes interpersonal relationships and individual growth. The class encourages students to develop greater self-confidence and at the same time acquire a sense of trust and commitment with their classmates. There is a $10.00 fee for this course.

CE ADVENTURE LEADER TRAINING

Grade Levels: 9-12 Credit: .5 Term: Sem

Prerequisite: Adv. Challenge Course; or Adv. Outdoor Ed; or Adv. Water Sports

Adventure Leadership Training is designed for the student who has fulfilled all requirements of either Adventure Challenge Course, Adventure Outdoor Education, or Adventure Water Sports classes and wants to develop a higher level of knowledge and leadership. This course will focus on the leadership skills related to peer facilitation in the Creek Adventure Program. Students will progress through leadership topics, practice facilitations, complete performance & written evaluations as well as self-reflections of activity & skill lessons. Students will demonstrate and practice their effectiveness as an Adventure Leader by peer leading with students in this course. There is a $10 course fee for this class.

* Offered for 3 College credits through Red Rocks Community College (RRCC). The course number is OUT1540 .

CE ADVENTURE LEADER

(*Includes Adv. Challenge Course; Adv. Outdoor Ed; or Adv. Water Sports)*

Grade Levels: 10-12 Credit: .5 Term: Sem

Prerequisite: ACC; AOE; AWS; ALT; or permission of Instructor

Adventure Leader is a course designed for the student who has fulfilled the above prerequisites and allows students to implement the leadership and facilitation skills acquired. Student leaders will be required to work closely with their peer leadership team and supervising teacher. Students are permitted to lead the Adventure classes listed above (ACC, AOE, or AWS) and are required to meet outside of class for planning purposes. Instructor permission and approval is required for this class. This class is repeatable.

*Offered for 3 College credits through Red Rocks Community College (RRCC). The course number is OUT2220.

STUDENT ACHIEVEMENT SERVICES

IMPORTANT INFORMATION: Eligibility for Student Achievement Services is determined only after a referral is made. A diagnosis is completed in five areas: health, intellectual capacity, academic standing, social and emotional status and a staffing is held. A staffing team composed of parents, student, and professionals from both special and regular education make the determination of handicapping condition, needs, and suitable intervention. Annual reviews are held.

If a student has a current Individual Education Plan (IEP) he/she is eligible for any of the following classes if the student's IEP specifies the need.

ENGLISH COURSES

CP CONTEMPORARY AWARD WINNERS

Grade Level: 12 Credit: .5 Term: Sem.
Prerequisite: Students with IEP and case manager recommendation

This course is a team taught general education class; an English teacher and a special education teacher work together to provide support to all students. This course will introduce students to popular genres in contemporary literature through the study of award-winning authors and novels in areas such as mystery, biography, western, horror and crime thriller. Assignments will be designed to improve reading comprehension, build vocabulary, and strengthen writing skills.

CP SURVEY OF COMPOSITION

Grade Level: 12 Credit: .5 Term: Sem.
Prerequisite: Students with IEP and case manager recommendation

This course is a team taught general education class; an English teacher and a special education teacher work together to provide support to all students. This course proposes to improve the twelfth grade student's ability to organize, develop, and express ideas in standard non-fiction forms such as argumentative writing, rhetorical analysis, research based writing and synthesis writing. This course will also include preparation for CCSD secondary literacy assessment.

ELEMENTS OF CP ENGLISH 9

Grade Level: 9 Credit: 1 Term: Year
Prerequisite: Students with IEP and case manager recommendation

This course is designed for students with literacy acquisition delays. Through a variety of direct intervention-based curricula, students focus on critical thinking skills in reading and writing, enhancing comprehension, speaking, listening, and executive organization. Students learn vocabulary, applied grammar, and paragraph and essay structure, with an emphasis on the writing process, including pre-writing and revision. Assistive technology is incorporated to support reading and writing skills, ensuring a comprehensive and empowering learning experience.

ELEMENTS OF CP ENGLISH 10

Grade Level: 10 Credit: 1 Term: Year
Prerequisite: Students with IEP and case manager recommendation

This course is designed for students with literacy acquisition delays. This course places a strong emphasis on critical thinking skills in both reading and writing through diverse direct intervention-based curricula. Students will delve into an enriched exploration of literature, refining reading comprehension, speaking, listening, and executive organization skills. Students will learn essential components such as vocabulary, applied grammar, and the structure of paragraphs and short essays. The writing process is a focal point, underscored by targeted lessons and graphic organizers for effective planning. Assistive technology is incorporated to support reading and writing skills, ensuring a comprehensive and empowering learning experience.

ELEMENTS OF CP ENGLISH 11

Grade Level: 11 Credit: 1 Term: Year
Prerequisite: Students with IEP and case manager recommendation

This course is designed for students with literacy acquisition delays. This course emphasizes critical thinking skills in reading and writing through targeted direct intervention curricula. The course enhances reading comprehension, speaking, listening, and executive organization skills essential for post-high school success by focusing on expanding students' understand and analysis of literature. The writing process is a focal point, underscored by targeted lessons and graphic organizers for effective planning.

ELEMENTS OF CP ENGLISH 12

Grade Level: 12 Credit: 1 Term: Year
Prerequisite: Students with IEP and case manager recommendation

This course is designed for students with literacy acquisition delays. This course prioritizes critical thinking skills in both reading and writing through targeted direct intervention curricula. The course enhances vital skills for post-high school success, which includes reading comprehension, speaking, listening, and executive organization by focusing on expanding students' understanding and analysis of literature. Students learn vocabulary, applied grammar, and the structure of paragraphs and short essays with an emphasis on defensible theses and critical analysis. The writing process is the primary focus with dedicated lessons and graphic organizers to support effective pre-writing, writing, and revision.

ILC ENGLISH ★

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Staffed into ILC Program

This course is designed to meet the English needs of ILC students. Instruction is individualized and focuses on functioning reading and writing skills. Instruction in this class may take place in the classroom or in the community as students transfer skills across a variety of settings.

PRACTICAL ENGLISH ★

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Staffed into ILC Program

Practical English is a yearlong course that covers reading comprehension, reading fluency, and writing as well as the application of those skills. Emphasis will be placed on development of functional English skills and applying them to practical situations. Students will read a minimum of one novel per semester.

SOCIAL STUDIES COURSES

ELEMENTS OF AMERICAN GOVERNMENT

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: Student with IEP and Instructor Approval

This course covers the foundations of American government. The three branches of government - legislative, judicial and executive - will be studied at local, state and federal levels. The course provides an opportunity for students to attain civic competency. It focuses on the essential role and responsibilities of individuals in a democracy.

ELEMENTS OF SOCIOLOGY

Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: Student with IEP

This course will examine the development and function of human behavior in groups. The students will study the causes of changing relationships within society. A few topics the class will investigate are culture, communication and conflict. Current events and sociology issues are incorporated throughout the course.

ELEMENTS OF UNITED STATES HISTORY

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Student with IEP

This course meets the district's U.S. History requirement for graduation. The course is designed for those students who have reading and learning difficulties. Materials are modified and individual attention is emphasized to help students succeed in United States History.

PRACTICAL AMERICAN GOVERNMENT

Grade Levels: 9-12 Credit: .5 Term: Sem.

Prerequisite: Staffed into ILC Program

This course covers the basic foundations of American Government. It will use a standards-based curriculum that explores the basic structure of our local, state, and federal government, basic rights and responsibilities of citizens, and how the institutions and policies impact our lives. The course provides an opportunity for students to attain civic competency.

ILC SOCIAL STUDIES ★

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Staffed into ILC Program

This class is designed to meet the Social Studies need of the ILC students. Instruction is individualized and focuses on safety, community access, and personal information. Instruction in this class may take place in the classroom or in the community as students transfer skills across a variety of settings. One year of this course can apply toward the U.S. History graduation requirement. An additional semester may be applied toward the American Government requirement.

PRACTICAL SOCIAL STUDIES ★

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Staffed into ILC Program

This course is designed to teach basic social studies skills to students in ILC. Students will learn about basic concepts of social studies including geography, community access, and history. This class will involve practical topics that relate to students' everyday lives. One year of this course can apply toward the U.S. History graduation requirement. An additional semester may be applied toward the American Government requirement.

PRACTICAL UNITED STATES HISTORY

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Staffed into ILC Program

This course is designed to teach basic social studies skills to students in ILC. Students will learn about basic concepts of social studies including geography, community access, and history. This class will involve practical topics that relate to students' everyday lives. One year of this course can apply toward the U.S. History graduation requirement. An additional semester may be applied toward the American Government requirement.

MATH COURSES

CP ALGEBRA 1

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Students with IEP

This course is a team taught general education class; a math teacher and a special education teacher work together to provide support to all students. This course encompasses the fundamental concepts of Algebra. It's designed to provide the opportunity to master all the topics of an Algebra 1 course, while providing extra support for students who have struggled with math in the past. This course offers a survey of Algebra common core standards.

CP ALGEBRA 2

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: Students with IEP, CP Geometry, and permission of Instructor

This course is a team taught general education class; a math teacher and a special education teacher work together to provide support to all students. This course encompasses the fundamental concepts of algebra and builds on the mathematics students learned previously. It is designed to provide a student the opportunity to master all of the topics of a CP Algebra 2 course, while providing extra support for students who have struggled with math in the past. Students in CP Algebra 2 develop a deeper understanding of all aspects of functions: graphing, analyzing, transforming, performing operations with, composing new functions, and solving equations using them. Functions studied include linear, quadratic, polynomial, exponential, logarithmic, rational, trigonometric and radical. Students further develop their statistical knowledge by studying the collection, analysis and interpretation of data, and the connections to probability. Throughout the year students strengthen their use of the Common Core Standard Math Practices, with a particular emphasis on making sense of problems and modeling with mathematics.

CP GEOMETRY

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: CP Algebra 1

This course is a team taught general education class; a math teacher and a special education teacher work together to provide support to all students. This course will emphasize intuitive development of the Geometric concepts rather than formal two-column proofs. This course will cover traditional topics: points, lines, angles, triangles, quadrilaterals, area, polygons, perimeter, trigonometry, constructions, and more.

ELEMENTS OF CP GEOMETRY

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: Elements of Algebra 1 or CP Algebra 1 or recommendation from Case-manager.

This course offers a survey of geometry common core standards. It reviews basic algebra and gives students the opportunity to master basic geometry topics.

ELEMENTS OF INTEGRATED ALGEBRA/GEOMETRY

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Students with IEP

This course covers the essential math topics of number sense, properties, operations algebraic structures, patterns and analysis found in the common core standards. This class is designed to provide each student with the opportunity to master basic skills necessary to adequately progress in high school math. This course is available by teacher recommendation.

ILC MATH ★

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Staffed into ILC Program

This course is designed to teach functional math skills. Students work on essential time, money management, and numeracy in a structured work setting and in the community. The instruction will take place both in the classroom and in the community for functional application of these skills. Banking and checking may be included to meet student needs. Shopping and cooking skills are an integral part of this course. Students are expected to provide own consumables, which will amount to $35.00 per semester.

PRACTICAL MATH ★

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Staffed into ILC Program

Practical Math Applications is a yearlong course that covers basic math skills and the practical application of those skills. Emphasis is placed on development of functional math skills including budgeting, time management, shopping, cooking skills and it's application to practical situations.

SCIENCE COURSES

BIOLOGY

Grade Levels: 10-12 Credit: 1 Term: Year

Prerequisite: Student with IEP and Physical Science or permission of Instructor

This course is a team taught general education class; a science teacher and a special education teacher work together to provide support to all students. This course focuses on the fundamentals of Biology. The topics of study include cell chemistry of life, ecology, evolution, human systems and genetics. This course is not a laboratory science course.

CHEMISTRY (Semester 1 only)

Grade Levels: 11-12 Credit: .5 Term: Sem.

Prerequisite: Student with IEP and Biology or permission of instructor.

This course is a team taught general education class; a science teacher and a special education teacher work together to provide support to all students. The focus of this course is on the principle concepts of chemistry and the importance that chemistry plays in our world. It is designed to emphasize the scientific basis for solving key issues facing today's citizens, such as petroleum shortages and access to pure water. This course addresses the chemistry of subjects that are likely to influence the daily lives of the students and commonly centers upon topics in the news today. Laboratory safety, introduction to equipment, data analysis and investigation will all be heavily stressed.

CP BIOLOGY

Grade Levels: 10-11 Credit: 1 Term: Year

Prerequisite: Student with IEP and minimum grade of C in previous science class or permission of Instructor. Concurrent enrollment in CP Algebra 1, CP Accelerated Algebra 1, or CP Geometry.

This course is a team taught general education class; a science teacher and a special education teacher work together to provide support to all students. This college preparatory biology course integrates the many areas of the life sciences and is recommended for those students who intend to pursue college studies or major in the biological sciences. The course emphasizes the role of humans in the biosphere and recent advances in biotechnology. Practical topics of biology as they relate to the human organism are covered. Daily preparation outside of class is required.

CP CHEMISTRY

Grade Levels: 11-12 Credit: 1 Term: Year

Prerequisite: Student with IEP and no less than C grade in any previous science course, or CP Algebra 1 taken in 9th, 10th, or 11th grade or permissions of Instructor.

This course is a team taught general education class; a science teacher and a special education teacher work together to provide support to all students. This chemistry course provides a laboratory oriented approach to chemistry; many of the experiments involve practical topics that relate to students' everyday lives. Although some mathematics are involved, the course does not emphasize a mathematical approach and is oriented toward a blend of academic and applied concepts. Satisfactory completion of the course may be adequate preparation for a beginning college chemistry course. The student is graded on general understanding, presentation of ideas, laboratory techniques, and test performance**.**

ILC SCIENCE ★

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Staffed into ILC Program

This course is designed to teach essential science skills. Students will learn about essential concepts of science that may include the study of ecosystems, biology, anatomy, and physiology. This class will involve practical topics that relate to students' everyday lives. Methods of learning will include simple experiments and scientific inquiry. A semester of this course will be focused on personal health, nutrition, and physical education and this may be applied toward the Health requirement.

PHYSICAL SCIENCE

Grade Level: 9 Credit: 1 Term: Year

Prerequisite: Student with IEP

The course is a team taught general education class. This is a freshman level course that focuses on the fundamentals of the following topics: astronomy, chemistry, physics, and the use of scientific inquiry as a method of learning. Concepts in this class are integrated with math and writing skills. This course is not considered a laboratory science class.

PHYSICS (Semester 2 only)

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisite: Student with IEP and Biology or permission of Instructor

This course is a team taught general education class; a science teacher and a special education teacher work together to provide support to all students. This course provides a concept-based approach to learning the fundamental principles and processes of the physical world. Topics include basic concepts of motion, forces, energy, heat, electricity, magnetism, and the structure of matter and the universe. Upon completion, students should be able to describe examples and applications of principles studied. Laboratory experiments and computer based exercises enhance and consolidate the understanding of basic physical principles and applications. Laboratory safety, introduction to equipment, analysis and investigation will be heavily stressed.

PRACTICAL SCIENCE ★

Grade Levels: 9-12 Credit: 1 Term: Year

Prerequisite: Staffed into ILC Program

This course is designed to teach basic science skills. Students will learn about basic concepts of science that may include the study of ecosystems, biology, anatomy, physiology, astronomy, and physics. This class will involve practical topics that relate to students' everyday lives. Methods of learning will include simple experiments and scientific inquiry. A semester of this course will be focused on personal health, nutrition, and physical education and this may be applied towards the Health requirement.

FINE ARTS COURSES

UNIFIED VISUAL ARTS ★

Grade Levels: 9-12 Credit: .5 Term: Sem

Prerequisite: Student with IEP and Instructor approval with permissions from Case Manager.

This course is designed for students in the ILC program to explore their creativity through visual arts. Students will work with general education peers to create artwork using a variety of 2D and 3D media including drawing, painting, sculpture, and jewelry/metals. Learning will focus on self-expression, communication, and collaboration. Students will learn basic art techniques while developing their own ideas and sharing their artistic voice. Students are responsible for small materials fee.

UNIFIED PEER MENTOR VISUAL ARTS ★

Grade Levels: 9-12 Credit: .5 Term: Sem

Prerequisite: Must have a passion for working with students in the ILC program.

This course will integrate students in the ILC program and general education peers into a collaborative studio environment focused on visual arts. Students will explore creativity and communication through a variety of 2D and 3D media including drawing, painting, sculpture, and jewelry/metals. Unified Peer Mentors will support their partners in developing artistic skills while building relationships through creative experiences. Skills in collaboration, empathy, visual storytelling, and design will be emphasized. This course is ideal for students interested in working with peers with special needs in a hands-on, inclusive setting. Students are responsible for small materials fee.

UNIFIED THEATER ★

Grade Levels: 9-12 Credit: .5 Term: Sem

Prerequisite: Staffed into ILC Program

First Semester: This course designed for students in the ILC program to explore their interests in the theater arts. Students will work on script writing, costume designing, acting, and choreography. ILC students will work with students in general education to produce a Unified theater production during the school year. Attendance is very important for this class and we ask that students plan on attending daily as all rehearsals are during the class. Students are responsible for small materials fee.

PHYSICAL EDUCTION COURSES

UNIFIED P.E.

Grade Levels: 10-12 Credit: .5 Term: Sem

Prerequisite: None

Adaptive PE is designed to teach students with special needs the basic components of fitness and game rules associated with various sports or activities. Games and activities are modified to enable all students to participate in every game or activity.

UNIFIED SWIM FITNESS ★

Grade Levels: 9-12 Credit: .5 Term: Sem

Prerequisite: None

This class will meet the needs of students staffed into the ILC or Autism program at Cherry Creek High School. This is a general class to improve fitness using training techniques in the water. There will be limited instruction in swimming skills. Primary course content will include swimming, aquatic therapy, stretching, water exercise, and other training methods. This class will aim to support students in improving muscle tone, cardiorespiratory fitness, and overall fitness. This class will incorporate physical therapy and fitness in the water for students with and without disabilities associated with mobility.

PRACTICAL HEALTH ★

Grade Levels: 9-12 Credit: .5 Term: Sem

Prerequisite: Staffed into ILC Program

This course fulfills the district-level requirement for health. Modified health curriculum focuses on issues and components of personal health as they apply to mental, physical, emotional, and social well-being. Topics may include stress management, mental health behaviors, romantic relationships, nutrition, fitness, and safety.

ELECTIVE COURSES

ACADEMIC SUPPORT LAB ★

Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: Current IEP Case Mgr. Recommendation

This course will provide an opportunity for students to develop executive functioning skills and complete academic assignments. . Students are expected to utilize the time effectively. Classroom teachers will be invited to communicate with the Academic Support teacher about assignments, projects, tests, and organization.

ACE CAREER DEVELOPMENT

Grade Levels: 12 Credit: .5 Term: Sem
Prerequisite: Student with IEP and instructor approval with permission from Case Manager

This course 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 the results of various assessments, i.e., interest survey, aptitude evaluation, academic skills, learning styles, work preferences, etc. 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, career exploration and Postsecondary aspirations. This course will also practice job attainment skills and how to navigate relationships in the workplace.

ACE FINANCIAL LITERACY

Grade Levels: 12 Credit: .5 Term: Sem
Prerequisite: Student with IEP and instructor approval with permission from Case Manager

This course focuses on personal financial literacy. As developmentally appropriate, this course is designed for students to learn and practice financial literacy, decision making, and management skills for their personal and professional lives. Students will create and modify budgets according to their IEP postsecondary plans. Students will be practicing basic banking activities such as writing checks, debit card use, deposits and keeping track of a spending register, and exploring online banking and banking apps, and comparing and contrasting several types of banking institutions. Students will examine the benefits and detriments of managing credit. Students will apply practical application of fiscal management topics such as renting versus owning, new car versus used car purchase, how to manage a loan, understanding payroll deductions and benefits, income tax and filing taxes, and comparing insurance options. This course will also examine relationships and how they impact your budgeting needs at each stage of life. Whenever possible, computer literacy skills and leadership skills tied to the program CTSO will be embedded into the curriculum.

UNIFIED LEADERSHIP ★

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Student with IEP and instructor approval with permission from Case Manager

This course is open to students in the ILC program who are passionate about leadership, inclusion, and making a positive impact on their school community. This course brings together students of all abilities to develop leadership, collaboration, and event-planning skills while fostering a more inclusive school community. Students will work in small groups to design and implement schoolwide Unified events and activities that promote belonging, respect, and accessibility for all. Through hands-on projects, discussions, and service opportunities, students will learn how to celebrate differences, advocate for inclusion, and create meaningful connections across the student body. Students are responsible for small materials fee.

UNIFIED PEER MENTOR LEADERSHIP ★

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Must have a passion for working with students in the ILC program.

This course is open to all students who are passionate about leadership, inclusion, and making a positive impact on their school community. This course brings together students of all abilities to develop leadership, collaboration, and event-planning skills while fostering a more inclusive school community. Students will work in small groups to design and implement schoolwide Unified events and activities that promote belonging, respect, and accessibility for all. Through hands-on projects, discussions, and service opportunities, students will learn how to celebrate differences, advocate for inclusion, and create meaningful connections across the student body. Students are responsible for small materials fee.

REACH PROGRAM

Courses in the REACH program support students on IEPs with personal and academic needs related to social and emotional functioning. All REACH courses feature rigorous curriculum and embed instruction in executive skills, affective education, community citizenship, and healthy habits. Research-based behavior intervention in a communal environment supports students in developing and practicing skills necessary for success on their chosen post-secondary path.

ELEMENTS OF CP ENGLISH 9

Grade Level: 9 Credit: 1 Term: Year
Prerequisite: Student with IEP and in the REACH program

This one-year course meets requirements for 1.0 English credit toward graduation. Students develop essential reading, writing, communication, critical thinking, and social-emotional regulation skills while exploring a variety of literature including novels, short stories, poetry, live action/film/television scripts, and nonfiction. Writing assignments present opportunities to develop recursive writing skills in these genres. Regular social-emotional learning is incorporated and embedded into curricular instruction, and students utilize the writing process to express and process emotions, enhancing emotional intelligence. REACH curriculum and smaller class sizes are designed to meet the personal and academic needs of students with emotional challenges.

ELEMENTS OF CP ENGLISH 10

Grade Level: 10 Credit: 1 Term: Year
Prerequisite: Student with IEP and in the REACH program

This one-year course meets requirements for 1.0 English credit toward graduation. Students build on reading, writing, communication, critical thinking, and social-emotional regulation skills while developing an appreciation for American, English, and multicultural literature. Students will also develop specific skills in argumentative synthesis writing, and writing assignments will present opportunities to explore and process emotions while developing recursive writing skills in these genres. Regular social-emotional learning is incorporated and embedded into curricular instruction. REACH curriculum and smaller class sizes are designed to meet the personal and academic needs of students with emotional challenges.

ELEMENTS OF CP ENGLISH 11

Grade Level: 11 Credit: 1 Term: Year
Prerequisite: Student with IEP and in the REACH program

This one-year course meets requirements for 1.0 English credit toward graduation. Students refine and deepen skills introduced in English 9 and 10, and have opportunities to complete their district capstone in argumentative synthesis. Emphasis expands to reading and writing skills for post-secondary success, including research and technical writing. Juniors are provided opportunities to mentor younger students so they may enhance and share their own emotional intelligence. Regular social-emotional learning is incorporated and embedded into curricular instruction. REACH curriculum and smaller class sizes are designed to meet the personal and academic needs of students with emotional challenges.

ELEMENTS OF CP ENGLISH 12

Grade Level: 12 Credit: 1 Term: Year
Prerequisite: Student with IEP and in the REACH program

This one-year course meets requirements for 1.0 English credit toward graduation. Students refine and deepen skills introduced in English 9, 10, and 11. Students develop clear and specific plans for post-secondary success, including research and technical writing, and focus on specific and individualized literacy skills necessary for their chosen path, with emphasis on post-secondary application processes and related necessary writing products such as college essays, resumes, and portfolios. Seniors are provided opportunities to mentor younger students to enhance and share their own emotional intelligence. Regular social-emotional learning is incorporated and embedded into curricular instruction. REACH curriculum and smaller class sizes are designed to meet the personal and academic needs of students with emotional challenges.

ELEMENTS OF FILM AND LITERATURE

Grade Levels: 10-12 Credit: .5 Term: Sem

Prerequisite: Student with IEP and in the REACH program

This one-semester course meets requirements for .5 English credit toward graduation. Students study film as an art form and medium of literature. Students will screen classic and modern films, spanning a variety of decades, genres, filmmakers, and actors, and through active viewing, reflective response, reaction papers, formal essays, and discussion, students will learn to judge quality based on elements of the art form and of storytelling. Emphasis is placed on developing writing composition skills and analytic reflection. REACH curriculum and smaller class sizes are designed to meet the personal and academic needs of students with emotional challenges.

ELEMENTS OF MULTICULTURAL LITERATURE

Grade Levels: 10-12 Credit: .5 Term: Sem

Prerequisite: Students with IEP and in the REACH program

This one-semester course meets requirements for .5 English credit toward graduation. Students will explore a variety of short stories, poems, novels, plays, and films from a variety of cultures in order to deductively determine elements of culture in five domains: symbols, language, values/beliefs, norms, and artifacts. Using fiction, non-fiction, poetry, essays, and film, students will gain an understanding of achievements, contributions, and myths of different cultural groups in order to critically analyze related social and political mores. Students will read, discuss, view, and write about issues and concerns about the cultures studied and reflect on their own social and emotional reactions to these topics. Emphasis is placed on developing writing composition skills and analytic reflection. REACH curriculum and smaller class sizes are designed to meet the personal and academic needs of students with emotional challenges.

ELEMENTS OF PSYCHOLOGY

Grade Level: 11-12 Credit: .5 Term: Sem.

Prerequisite: Students with IEP and in the REACH Program

This one-year class fulfills 1.0 graduation credit requirement for social studies. Students develop an understanding of psychological theories, diagnoses, and human behavior. Topics include the history of psychology as a science, the scientific method, goals of psychology, learning, intelligence, personality, social and moral development, and psychiatric disorders. Psychological theories will be leveraged to enhance students' development of their own social and emotional intelligence. REACH curriculum and smaller class sizes are designed to meet the personal and academic needs of students with emotional challenges.

ELEMENTS OF SOCIOLOGY

Grade Levels: 11-12 Credit: .5 Term: Sem

Prerequisite: Students with IEP and in the REACH program

This one-semester course meets requirements for .5 social studies credit toward graduation. Students explore the impact of society and societal groups on human behavior. Topics include social institutions, culture, communication, conflict, family, substance abuse, and the causes and effects of changing relationships in society. Students will explore these causes and effects on their individual lives and use critical thinking and reflection skills to enhance their own emotional intelligence and social-emotional functioning. Major theories of sociology are applied to each topic, and current event studies will be incorporated throughout the course. REACH curriculum and smaller class sizes are designed to meet the personal and academic needs of students with emotional challenges.

ELEMENTS OF US HISTORY

Grade Level: 9 Credit: 1 Term: Year

Prerequisite: Students with IEP and in the REACH program

This one-year class fulfills the district-level graduation requirements for 1.0 credit in United States History. The course surveys US History starting with the Reconstruction, with an emphasis on developing overall student skills. Students will analyze history's connection to and impact on current events and issues by using the historical inquiry model to form and articulate opinions based on historical artifacts, primary and secondary sources, and other research supporting their claims. REACH curriculum and smaller class sizes are designed to meet the personal and academic needs of students with emotional challenges.

ELEMENTS OF WORLD HISTORY

Grade Level: 10 Credit: 1 Term: Year

Prerequisite: Students with IEP and in the REACH program.

This one-year class fulfills 1.0 graduation credit requirement for social studies. The course surveys World History from the emergence of civilization to the present day, emphasizing history's connection to and impact on current events and issues. Students will learn to use the historical inquiry model to form and articulate opinions and use historical artifacts, primary and secondary sources, and other research to support their claims. Students develop self-confidence and presentation skills in a scaffolded, safe, and comfortable communal environment. The REACH curriculum and smaller class size is designed to meet the personal and academic needs of students with emotional challenges.

ELEMENTS OF HEALTH

Grade Levels: 10-12 Credit: .5 Term: Sem

Prerequisite: Students with IEP and in the REACH program.

This course meets requirements for CCHS graduation credit. Discussions and activities on current issues in health-related areas, such as nutrition, physical fitness, diseases and disorders, mental health issues, stress management, self-concept, coping skills, first aid, human relationships, substance abuse and violence prevention, and reproductive health. The REACH curriculum and smaller class size is designed to meet the personal and academic needs of students with emotional difficulties.

ELEMENTS OF PHYSICAL EDUCATION ★

Grade Levels: 9-12 Credit: .5 Term: Sem

Prerequisite: Students with IEP and in the REACH program

This class satisfies district requirements for .5 PE credit. Students will receive instruction in constantly varied functional movements performed at relatively high intensity. The class will follow a circuit style of fitness training. The course will explore ten fitness domains: cardiovascular and respiratory endurance; stamina; flexibility; power; speed; coordination; agility; balance and accuracy.

ACADEMIC SUPPORT LAB ★

Grade Levels: 9-12 Credit: .5 Term: Sem

Prerequisite: Students with IEP and in the REACH program

This class satisfies district requirements for .5 elective credit. Students will learn self-management, executive functioning, self-advocacy, and self-regulated learning skills by: setting weekly academic and personal goals related to attendance, academic performance, and personal goals; meeting with their case manager or ASL teacher weekly to discuss progress on goals; recording and charting progress on attendance, grades, missing assignments and overall academic level; and recording progress to case manager and/or guardian each week.

LIFE SKILLS ★

Grade Levels: 10-12 Credit: .5 Term: Sem

Prerequisite: Students with IEP and in the REACH program

This semester long class is designed for students in the REACH program. It fulfills one .5 general elective or fine art credit. This course utilizes art and music therapy to support students in building emotional intelligence. Students will work on developing goals, study skills, and social skills that will help them be successful at the high school and post- secondary level. Students will also participate in fundraising activities, community and team building exercises - including accessing the ropes/adventure course for experiential education as well as several activities focusing on career exploration and post-secondary planning. This course includes personal financial literacy standards.

OFF CAMPUS I-TEAM (Manor)

Grade Levels: 11-12 Credit: Var. Term: 1 qtr.

Prerequisite: Students with IEP

This program offers full curriculum for the older student with severe adjustment problems to school and adolescence and/or severe learning disabilities. The goal is to complete requirements for graduation. A full curriculum is offered. Credit is granted as 1/4 credit for each course successfully completed per quarter. This is an alternative program.

ALTERNATIVE INSTRUCTION COURSES

BOA-BRUINS ONLINE ACADEMY ★
Type: Alternative Instruction-Supplemental Online
Grade Levels: 11-12 Credit .5 Term: Sem
Prerequisite: Permission of Counselor & Instructor

BOA *(Computer Academy)* courses are intended to be credit retrieval only. Students are enrolled in a specific course based on credits needed for graduation. The courses include English, Social Studies, Math and Science. Students can only earn a total of 2.0 credits of BOA classes.

INDEPENDENT STUDY ★
Type: Alternative Instruction-Independent Study
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: Permission of Teacher & Completed Contract

Independent Study courses must be completed under the supervision and direction of a CCHS instructor. To be approved the contract must include the Course title, Instructor's Name, content of the course including specific assignments and meeting times with teacher and method of evaluation. Only one Independent study course can be scheduled per semester.

GENERAL ELECTIVE COURSES

OFFICE ASSISTANT ★
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: Permission of respective teacher/administrator

Students will provide office assistance under the direction and supervision of a teacher or other office personnel. Seniors will be permitted to enroll in a maximum of two different assist courses per semester and credit can be earned for each course per semester. Freshmen, Sophomores, and Juniors may be permitted to enroll in and receive credit in only one assist per semester.

PEER AMBASSADORS
Grade Level: 12 Credit: 1 Term: Year
Prerequisite: Application & Interview

The Peer Ambassador program is designed to train a small group of 12th grade students as peer tutors/mentors for the student body at Cherry Creek High School. Peer Ambassadors meet weekly in a classroom setting to learn essential counseling skills that enable them to help other students with school related issues, personal and social problems, and academic performance. In addition to the weekly meetings, Peer Ambassadors will work in the counseling office during one class period every day for the course of their entire senior year. Peer Ambassadors provide students with resources and relationships that will enhance their overall experience at Creek, as well as engage in other community building activities in an effort to make our large school feel smaller. Essential responsibilities include, but are not limited to: planning and running New Student Orientation; following up with new students and freshmen throughout the year to ensure a successful transition to Creek; tutoring students referred by teachers and counselors; guiding tours of campus for new and prospective students and families; and, actively engaging in a positive messaging campaign throughout the course of the academic year. Students interested in the Peer Ambassador program must complete an extensive application and interview process in the spring of their junior year and, if chosen, be willing and able to volunteer for school-sponsored events throughout their senior year that often occur outside of the normal school day.

STUDENTS SUPPORTING STUDENTS ★
Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: Teacher approval

Students will play the role of a peer mentor. Peer mentors will assist students with disabilities in special education or general education classes. Peer mentors will learn about special education, inclusion, and awareness of disabilities. Peer mentors will provide positive motivation and interaction in the learning environment. This class is a wonderful opportunity for any who enjoy Open Arms Club, Unified Sports or are interested in becoming a teacher. This course earns elective credit only.

STUDENT SENATE ★
Grade Level: 9-12 Credit: 1 Term: Year
Prerequisite: Election to office

Student Senate is the student organization made up of elected student body officers and elected senators from each class. This class meets each day during period 8. Student Senate is responsible for various student activities and bringing student concerns before the administration. Students must attend mandatory events outside of the school day.

TEACHER ASSISTANT ★
Grade Levels: 9-12 Credit: .5 Term: Sem
Prerequisite: Approval of Instructor

This course is designed for students expressing a desire to assist a particular department with clerical and other tasks as needed. The purpose of the course is to help the student learn what preparation is necessary for the department or teacher before a lesson can be taught to the students. Seniors will be permitted to enroll in a maximum of two different assist courses per semester and credit can be earned for each course per semester. Freshmen, Sophomores, and Juniors may be permitted to enroll in and receive credit in only one assist per semester

WORK EXPERIENCE
Type: Alternative Instruction-Work Based Learning
Grade Level: 12 Credit: 1 Term: Sem
Prerequisite: Contract

Work Experience credit is an arrangement wherein the school and employer assist students in developing occupational skills. The uniqueness of this arrangement requires adherence to certain rules and regulations as stated in the District contract. A student needs to work 90 hours in a quarter, 9-10 hours per week to be eligible for credit. Student is required to submit paystubs showing taxes have been withheld every 2 weeks. Students can only earn a total of 2.0 credits of Work Experience. This course earns fine arts credit only.

CCHS SUPPORT CLASSES

FRESHMEN ADVISORY

Grade Level: Required for all 9th grade students Credit: .25
Term: Year
Prerequisite: None

Freshmen Advisory is designed to help freshmen make a successful transition to high school. This mandatory course, taught by faculty advisors, meets once a week for the full school year and focuses on policies and procedures at Cherry Creek High School, as well as study skills and academic planning as it relates to high school graduation and college admission requirements. Individualized Career and Academic Plans (ICAPs) will be initiated in Freshmen Advisory. Students will also meet with the individual counselor for a conference in the fall. This course offers students the opportunity to build relationships with peers and the advisor. There is a focus on the social and emotional well-being of all students in this course. Classes are built in coordination with the safety plan so the school can support students with an advisor, dean, counselor and mental health expert. A final grade of "S" or "US" will be posted on student transcripts at the end of each semester.

SOPHOMORE ADVISORY

Grade Level: Required for all 10th grade students Credit: .25
Term: Year
Prerequisite: None

Sophomore Advisory has an academic planning element specific for sophomores taught by the student's advisor. A component of the course is career and college exploration using Family Connection by Naviance, Students will continue to work on and update their ICAPs. This course offers students the opportunity to build relationships with peers and the advisor. There is a focus on the social and emotional well-being of all students in this course. Classes are built in coordination with the safety plan so the school can support students with an advisor, dean, counselor and mental health expert. A final grade of "S" or "US" will be posted on student transcripts at the end of each semester.

JUNIOR ADVISORY

Grade Level: Required for all 11th grade students Credit: .25
Term: Year
Prerequisite: None

Junior Advisory has an academic planning element specific to juniors taught by the student's advisor. This course has an increased emphasis on preparing students for high school graduation and exploring post graduate plans. Students are required to schedule and attend a Junior Conference (an individual appointment with the student's parents and assigned counselor), and continue to update and complete required ICAP tasks. We also recommended that students and parents attend the Saturday "Creek to College" workshop offered on a Saturday during the fall semester. This course offers students the opportunity to build relationships with peers and the advisor. There is a focus on the social and emotional well-being of all students in this course. Classes are built in coordination with the safety plan so the school can support students with an advisor, dean, counselor and mental health expert. A final grade of "S" or "US" will be posted on student transcripts at the end of each semester.

SENIOR ADVISORY

Grade Level: Required for all 12th grade students Credit: .25
Term: Year
Prerequisite: None

Senior Advisory has an academic planning element specific to seniors taught by the student's advisor. This course continues the focus on preparing for high school graduation and post graduate plans. Students will attend the Creek 401 Assembly in the fall semester and schedule and attend their Senior Conference, an individual appointment with their assigned counselor, to review graduation plans and assist students with the college application process. ICAP tasks for seniors also include the requirement that every student applies and plans for post graduate opportunities. This course offers students the opportunity to build relationships with peers and the advisor. There is a focus on the social and emotional well-being of all students in this course. Classes are built in coordination with the safety plan so the school can support students with an advisor, dean, counselor and mental health expert. A final grade of "S" or "US" will be posted on student transcripts at the end of each semester.

CREEK SEMINAR

Grade Levels: 9-12 Credit: 0 Term: 14 Days
Prerequisite: New Student to CCHS

Creek Seminar is a short orientation program at the beginning of each semester for transfer students who have not previously attended Cherry Creek High School. It is designed to help students integrate into CCHS and assist in a seamless transition. Topics covered include technology resources, school policies, academic planning, tutoring services, clubs and activities, and Post-Graduate options.

Creek Seminar does not earn credit towards, graduation.

LEADERSHIP ACADEMY ★

Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Summer Leadership Academy

The focus of Leadership Academy is to develop all students in the areas of responsible citizenship, communication, goal setting, group processes, as well as business, organizational and managerial skills. This class will also build on skills that are provided to every student. Students in this Academy will be required to take an active role both in high school and the greater Cherry Creek High School community.

CCIC AM ADVISORY ★

Grade Levels: 10-12 Credit: .25 Term: Year
Prerequisite: None

CCIC AM Advisory is designed to provide students who attend CCIC (Cherry Creek Innovation Campus) in the morning an academic planning element specific to their coursework by the student's advisor. This course continues the focus on preparing for high school graduation and post graduate plans. Students will schedule and attend their Junior or Senior Conference, an individual appointment with their assigned counselor, to review graduation plans and assist students with the college application process. A component of the course is career and college exploration using Family Connection by Naviance. Students will continue to work on and update their ICAPs. ICAP tasks for seniors also include the requirement that every student applies and plans for post graduate opportunities. This course offers students the opportunity to build relationships with peers and the advisor. There is a focus on the social and emotional well-being of all students in this course. Classes are built in coordination with the safety plan so the school can support students with an advisor, dean, counselor and mental health expert. A final grade of "S" or "US" will be posted on student transcripts at the end of each semester.

CCIC PM ADVISORY

Type: Asynchronous Supplemental Course
Grade Levels: 10-12 Credit: .25 Term: Year
Prerequisite: None

CCIC PM Advisory is an asynchronous class designed to provide students who attend CCIC (Cherry Creek Innovation Campus in the afternoons) an academic planning element specific to their coursework by the student's advisor. Students will be required to study, prepare, and engage asynchronously in learning for 47 minutes per week. This course is an additional course that will support their sophomore, junior, or senior advisory coursework. It will expand on their preparation for high school graduation and post graduate plans. Students will schedule and attend their Junior or Senior Conference, an individual appointment with their assigned counselor, to review graduation plans and assist students with the college application process. A component of the course is career and college exploration using Family Connection by Naviance. Students will continue to work on and update their ICAPs. ICAP tasks for seniors also include the requirement that every student applies and plans for post graduate opportunities. This course offers students the opportunity to build relationships with peers and the advisor. There is a focus on the social and emotional well-being of all students in this course. Classes are built in coordination with the safety plan so the school can support students with an advisor, dean, counselor and mental health expert. A final grade of "S" or "US" will be posted on student transcripts at the end of each semester.

AVID (9, 10, 11, 12)
Grade Levels: 9-12 Credit: 1 Term: Year
Prerequisite: Application through Counseling & AVID Coordinator

The AVID elective is a college-preparatory course for students' to work on accelerating their academic achievement and college readiness potential. AVID curriculum begins with focus on critical thinking, inquiry and organization skills ranging from note taking to study habits, and builds throughout the four-year program to include standardized test preparation and the college admissions process.

BAC 9 (Bruin's Academic Center)
Grade Level: 9 Credit: .5 Term: Sem
Prerequisite: Referral

BAC 9 is a program designed to help freshman students improve their academic and personal performance. The program is intended for capable students who have not yet reached their full academic potential at Cherry Creek High School. The class will focus on overall strength building, skill development, goal setting, problem solving, critical thinking, time management, and college and career planning.

BAC 10 (Bruin's Academic Center)
Grade Level: 10 Credit: .5 Term: Sem
Prerequisite: Referral

BAC 10 is a program designed to help sophomore students improve their academic and personal performance. The program is intended for capable students who have not yet reached their full academic potential at Cherry Creek High School. The class will focus on overall strength building, skill development, goal setting, problem solving, critical thinking, time management, and college and career planning.

BAC 11 (Bruin's Academic Center)
Grade Level: 11 Credit: 1 Term: Year
Prerequisite: Referral

BAC 11 is a program designed to help junior students improve their academic and personal performance. The program is intended for capable students who have not yet reached their full academic potential at Cherry Creek High School. The class will focus on overall strength building, skill development, goal setting, problem solving, critical thinking, time management, college and career planning, and credit recovery.

BAC 12 (Bruin's Academic Center)
Grade Level: 12 Credit: .5 Term: Sem
Prerequisite: Referral

BAC 12 is a program designed to help senior students improve their academic and personal performance. The program is intended for capable students who have not yet reached their full academic potential at Cherry Creek High School. The class will focus on overall strength building, skill development, goal setting, problem solving, critical thinking, time management, college and career planning, and credit recovery .

EDUCATIONAL PARTICIPATION IN COMMUNITIES (EPIC)
OFF CAMPUS COURSES

The EPIC Program seeks to involve students and other adults in activities that encourage them to be actively concerned with other people. Students will be trained to work in cooperation with existing agencies in the Denver metropolitan area and beyond. Each student must work at his/her assignment regularly, attend feedback sessions, and operate upon the format established by the program instructor. Unstructured or after-school-time will be used for on-the job experiences involving at least 60 hours per semester, in addition to feedback sessions. EPIC courses are not considered part of the required 5/6 courses students must take per semester. Only one EPIC course can be taken at a time for credit but can be repeated every year. General credit only and a satisfactory/unsatisfactory (U or S) is given.

REGISTRATION IS TENTATIVE BASED ON THE AMOUNT OF STUDENT INTEREST IN EACH COURSE. THE TIMES COURSES ARE OFFERED WILL BE ANNOUNCED LATER. HOWEVER, MOST COURSES WILL BE OFFERED OUTSIDE OF THE SCHOOL DAY.

MEDICAL VOLUNTEERS ★

Type: Alternative Instruction-Independent Study
Grade Levels: 10-12 Credit: .5 Term: Sem
Prerequisite: Application. Interest in medical professions and courses in science.

This class meets for 4-5 hours per week. Arrangements will be made to have students work as a volunteer in a medical facility or with medical professionals in the Denver Metropolitan area. It may be service or research oriented. Previous experiences, acquaintances or visits with someone in a medical facility are helpful in obtaining a desirable assignment. Students will be evaluated by the agency supervisor and a Cherry Creek Instructor.

MEDICAL CAREERS ★

Type: Alternative Instruction-Independent Study
Grade Levels: 11-12 Credit: .5 Term: Sem
Prerequisite: None

This course takes place at Cherry Creek High School before school. In the Epic Medical Careers class, students are introduced to career opportunities through a unique series of lectures. Students will hear from professionals from the medical community such as a plastic surgeon, bio-chemical warfare specialist, emergency room doctor, nurse, genetic counselor, pediatrician, X-ray technician, as well as professionals from the business management and legal careers related to medicine. Students are presented information about each specialty along with the education and other requirements for the many career options within the medical industry. Students may participate in field trips to see how medical professionals are learning, as well as be a part of an emergency room simulation, labor/delivery simulation, and cadaver lab, to which students will see the human body and internal organs.