

CHERRY CREEK HIGH SCHOOL



REGISTRATION GUIDE 2011-2012

2011-2012

REGISTRATION GUIDE

for

Students and Parents

**Cherry Creek High School 9300
East Union Avenue Greenwood
Village, CO 80111**

Every student of Cherry Creek High School shall have equal educational opportunities regardless of race, color, creed, sex, marital status, national origin or handicap.

Each student has available the services of a qualified counselor who has information regarding his/her assigned students. This information enables the counselor to better assist the student regarding aspects of the educational program. We hope that both students and parents will make use of this service. Telephone calls should be directed to the Counseling Center at the school.

CHERRY CREEK HIGH SCHOOL

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TABLE OF CONTENTS

About Registration and Use of This Guide.....	i
Requirements for Graduation.....	ii
Advanced Placement	ii
Tentative Schedule Projection.....	iii
What Are Colleges Looking For?	iv
Four-Year Academic Plans and Recommended High School Programs of Study	v
NCAA Clearinghouse Requirements.....	vi
NCAA Core GPA Index and NCAA Approved Core Courses	vii
Concurrent Enrollment Program.....	viii
Listing of Courses	ix
Course Descriptions by Department	
English	1
Social Studies	5
Mathematics.....	8
Science & Technology	11
Foreign Languages	15
Fine Arts, Creative Arts, Technology.....	18
Instrumental Music	18
Vocal Music/Other Music Courses	18
Theatre	19
Art.....	20
*Technology.....	14
Business & Career	22
Business and Family and Consumer Sciences.....	22
Career & Technical Education	24
Physical Education/Health.....	25
Student Achievement Services.....	27
Reach Program	29
Special Courses	30
Assistantships	30
Counseling Seminars	31
Educational Participation in the Community Programs (EPIC)	31

*Technology course descriptions appear under Science & Technology section.

CHERRY CREEK HIGH SCHOOL REGISTRATION GUIDE AND COURSE DESCRIPTION BULLETIN

We hope that this guide will help you and your parents plan your school program while in Cherry Creek. 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.

Graduation requirements are designed to give you a balanced program which will help you develop the skills and understanding necessary to become a well educated person. A four year course of study will include a combination of core subjects and a wide range of electives. These, if wisely selected, will help you explore and develop your own interests and abilities.

ALTHOUGH YOUR PARENTS AND COUNSELOR WISH TO HELP YOU IN PLANNING YOUR HIGH SCHOOL CURRICULUM, THE RESPONSIBILITY FOR THIS PLANNING RESTS WITH YOU.

You should consider the following:

1. Freshman and sophomore students **MUST** carry a minimum of three (3) credits per semester. Junior and senior students **MUST** carry a minimum of two and one-half ($2\frac{1}{2}$) units of credit per semester. All students must limit their course choices to three (3) units of credits per semester. Any deviation from the statements in this item must have your counselor's approval on the required form.
2. Know what the graduation requirements are. Are you meeting these in your planning?
3. What about college entrance or vocational requirements?
4. If in doubt about credits for graduation or college entrance, see your counselor.
5. Plan ahead—not for just next year, but for your entire high school career.
6. Before selecting a subject, check the course description to be sure it fits your needs, interests and abilities—and that you have completed the prerequisite course work necessary for enrollment.
7. If you repeat a course previously taken, the credit for the first course will be eliminated and the grade and credit for the re-take will be the grade and credit counted in computing G.P.A. The grade and course name of the first course will remain on the transcript as a matter of record and will be shown as a class repeated.
8. You must have teacher approval for some courses. Check carefully. You must be especially careful to fill out proper application if the course requires it.
9. Assistantships are regarded as courses and require teacher or supervisor approval.
10. Board policy requires that all students carry a minimum of four core area classes each semester.

In this booklet we have provided you with a four-year planning form. You may find this helpful in preparing your course of study while in high school.

CHERRY CREEK SCHOOLS REQUIREMENTS FOR GRADUATION FROM HIGH SCHOOL

1. High school will be considered as a four year course of study. Therefore, graduation requirements will be based upon units of credit earned in grades 9, 10, 11, and 12.
2. A minimum of twenty-two (22) units of credit must be earned in grades 9, 10, 11 and 12 in order to meet graduation requirements. Specific requirements are listed below. The remaining necessary units of credit will be considered as electives and may be selected from any courses in the entire curricular offerings.

English:	4 units of credit. English 9, 10, and 11 are required in grades 9, 10, and 11. The remaining unit of credit may be earned by successfully completing English courses for which the student earns the required English credit for graduation.
Social Studies:	3 units of credit. One unit of United States History is required. One-half unit of American Government is required
Mathematics:	3 units of credit (Computer Education cannot be used to meet this requirement).
Science:	3 units of credit.
Physical Education:	1 1/2 units of credit. It is recommended that one unit be taken in grades 9-10.
Health:	1/2 unit credit. Students who successfully complete both Contemporary Relationships , and Foods and Nutrition, <u>may apply</u> for health credit required for graduation.
Fine Arts, Creative Arts, Technology, Business & Career:	1 1/2 units of credit.

Minimum Total of Specific Units of Credit Required:	16.5
Minimum Total of Elective Units of Credit Required:	<u>5.5</u>
Minimum Total Units of Credit Required for Graduation:	22

3. The school district encourages students to take full advantage of the many elective and special interest courses available in the high school programs.
4. Credit may be recommended by any certified instructor or committee; however, credit is conferred by the Board of Education through its administrative personnel.
5. It is recommended that all ninth grade students take a semester course in computer applications unless they pass a keyboarding proficiency test or complete an approved high school credit course in computer applications.
6. The Board of Education recognizes that high expectations and high standards for student achievement are necessary so that students will be well prepared for the next level of education or entry into the work force. Therefore, in addition to earning the required number of credits, graduating students will be required to meet District proficiency standards in specified subject areas. All students in the graduating class of 2012, who receive a diploma from one of the Cherry Creek School District high schools, must meet or exceed the basic standard of performance on all district proficiencies in reading, writing, speaking, mathematics, science, history, and geography.

ADVANCED PLACEMENT

The Cherry Creek School District high schools participate in the College Board's national Advanced Placement Program. At Cherry Creek High School courses are as follows: 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, Statistics, Calculus AB, Calculus BC, Computer Science, Biology, Chemistry, Physics C, Environmental Science, French Language, Spanish Language, Spanish Literature, German, Latin, Chinese, Music Theory, Studio Art, 3-D Studio Art, Art History.

Advanced Placement courses are the equivalent of introductory college courses. It is possible for motivated, high-achieving students to complete certain college requirements while still in high school. Each of these courses culminates in a national examination. Students who take an advanced placement course will be expected to take the national examination. Students are required to take the national examination if they wish to be considered for advanced placement credit at the college level.

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 Advanced Placement. These courses are weighted on a five-point scale.

CLASS SIZE/AVAILABILITY

Pre-registration is only an indication by the student of his/her desire to take specific classes. While every effort will be made to meet the school-wide demand, some classes may not be available at registration time due to budget, staff, or facility limitation. **Students should have alternative classes in mind when scheduling.**

TENTATIVE SCHEDULE PROJECTION

9th Grade Plan	
1.	English 9 (Full Year)
2.	U.S. History (Full Year)
3.	Creek 101 (Full Year) (Lunch Period)
4.	
5.	
6.	
7.	
Total Credits _____	

10th Grade Plan	
1.	English 10 (Full Year)
2.	World History (Full Year)
3.	Health (One Semester)
4.	Creek 201
5.	
6.	
7.	
Total Credits _____	

11th Grade Plan	
1.	English 11 (Full Year)
2.	U.S. History (if not taken in 9th grade)
3.	American Government (11th or 12th grade)
4.	Creek 301
5.	
6.	
7.	
Total Credits _____	

12th Grade Plan	
1.	English
2.	Creek 401
3.	
4.	
5.	
6.	
7.	
Total Credits _____	

WHAT ARE COLLEGES LOOKING FOR?

Preparing for college starts as early as the ninth grade, if not earlier. Parents and students often ask counselors, “What does it take for me to get into (Fill in the Blank) College?” That is a difficult question to answer, as competition has intensified for a spot at certain colleges, and it is hard to ascertain what factors colleges will emphasize in a particular year. We do know that colleges, especially those which 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 Admission 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 were considered by colleges to be the top factors in the admission decision, followed closely by admission test scores and grades in all courses. Nearly 87 percent of all colleges and universities rated grades in college prep courses as “considerably important,” followed by 71 percent for strength of curriculum, 58 percent for admission test scores, and 46 percent for grades in all courses. According to the 2009 “State of College Admissions Report,” the following factors, in order of importance, were:

- | | |
|-------------------------------------|------------------------------------|
| 1. Grades in college prep courses | 7. Student’s demonstrated interest |
| 2. Strength of curriculum | 8. Counselor recommendation |
| 3. Admission test scores (ACT, SAT) | 9. Class rank |
| 4. Grades in all courses | 10. Interview |
| 5. Essay or writing sample | 11. Subject test scores (AP, IB) |
| 6. Teacher recommendation | 12. Extracurricular activities |

SOURCE: NACAC Admission Trends Survey, 2009.

Higher Education Admission Requirements (HEAR)

Students and parents should also be aware that, in 2003, the Colorado Commission on Higher Education adopted the Higher Education Admission Requirements (HEAR) which are entry requirements for students planning to attend any of Colorado’s public four-year colleges or universities. 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 requirements.

Students planning to attend a four-year college or university in Colorado will need to complete the following classes in order to fulfill the Higher Education Admission Requirements. Meeting the Higher Education Admissions Requirements does not guarantee admission to a four-year public institution. Colleges and universities may have additional requirements.

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
Foreign Language	1 year
Academic Electives****	2 years

CCHE, CDE, and School Districts are developing standards for alternative demonstration of proficiency to be accepted in lieu of course completion. For course guidelines see paragraph 4.01 of the Admissions Standards Policy, available online at <http://highered.colorado.gov/Publications/Policies/Current/i-partf.pdf>.

**Two units of ESL English may count for HEAR requirements 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 requirements.

****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.

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 schools.

Examples of Most Selective Institutions

The Ivy League
Dartmouth
Duke
Georgetown
Stanford

Recommended Minimum Program of Study

English	4 years at the Honors/AP Level
Math	4 years at the Honors/AP Level
Social Studies	3-4 years, with AP when possible
Science	3-4 years at the Honors/AP Level
Foreign Lang	3-4 years at the Honors/AP Level

Stanford offers the following advice on their website: "We expect applicants to pursue a reasonably challenging curriculum, choosing courses from among the most demanding courses available at your school. We ask you to exercise good judgment here, and to consult with your counselor, teacher, and parents as you construct a curriculum that is right for you. Our hope is that your curriculum will inspire you to develop your intellectual passions, not suffer from unnecessary stress. The students who thrive at Stanford are those who are genuinely excited about learning, not necessarily those who take every single AP, Honors, or Accelerated class just because it has that name."

Examples of Highly Selective Institutions

Colorado College
Emory University
Northwestern
Reed College
University of Michigan

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
Foreign Lang	2-3 years with Honors/AP encouraged

From Colorado College: "We look at your transcript for information about your ability to excel in the classroom and thrive as a scholar on our campus. Your high school course grades, along with the rigor of your chosen academic program, give us insight into your academic preparedness for Colorado College. A successful applicant almost always has excelled in a rigorous college preparatory program including honors, AP, or IB courses, if offered. Most students will have completed at least 16 (but usually 20) solid academic courses by the time they graduate high school."

Examples of Very Selective Institutions

Colorado State University
Knox College
Southern Methodist University
University of Colorado-Boulder
University of Denver

Recommended Minimum Program of Study

English	4 years
Math	4 years
Social Studies	3-4 years
Science	2-4 years, depending on major
Foreign Lang	2 years minimum

Note: For these types of schools, Creek counselors recommend that students complete the minimum academic standards for these colleges, 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.

From CU-Boulder: "Many factors are considered in evaluating your application for admission to CU-Boulder. Although your academic performance in high school (your high school GPA and the quality of your course work) is the most important indicator of success, we also consider college entrance test scores (either the SAT or ACT), the trend in your grades, personal essays, and the extent to which the minimum academic preparation standards have been met."

Examples of Less Selective Institutions

Adams State College
Fort Lewis College
Metropolitan State College
Northern Arizona University
Western State College

Recommended Minimum Program of Study

English	4 years
Math	3 years
Social Studies	3 years
Science	2-3 years
Foreign Lang	1 year, per HEAR requirements

Note: Creek counselors recommend that students interested in Less Selective schools plan to complete our minimum graduation requirements, and take two years of a foreign language, if possible. Community and junior colleges, vocational schools, and military induction require that all graduation requirements are met.

Creek counselors also offer the following guidance to help students prepare for the college admission process:

- **Choose a rigorous course load.** Seek out courses that are challenging. Colleges would rather see a lower grade in a more challenging course than the “easy A.” But remember the best scenario is good grades in challenging classes.
- **Make sure your courses are appropriate and in logical progression.** Meet with your counselor often to ensure you are on the right track.
- **Enroll in four core classes** (English, social studies, math, science, foreign language) in each semester of your high school career.
- **Get to know your counselor and teachers on a more individual basis.** These are the people who will be writing your recommendations.
- **Keep your best work.** Colleges may offer you a chance to submit supplementary material that demonstrates your achievements.
- **Establish good study habits.** Grades in the academic core areas (English, math, science, social studies, and foreign language) are the best predictors of success in college.
- **Read!** Studies have shown that one of the best preparations for the college admission tests (SAT and ACT) is to read as much as possible.
- **Find activities, both in and out of school, that you enjoy** and that provide an outlet for your non-academic side.
- **Go for quality rather than quantity.** Colleges admire students who put significant effort into one or two activities rather than students who put little time into many activities.

INFORMATION FOR PROSPECTIVE COLLEGE ATHLETES ON NCAA CLEARINGHOUSE REQUIREMENTS

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

To be certified by the Clearinghouse, you must:

1. **Graduate from high school.**
You should apply for certification after your junior year in high school if you are sure you wish to participate in intercollegiate athletics as a freshman at a Division I or II institution. The Clearinghouse will issue a preliminary certification report after you have had all your materials submitted. After you graduate, if your eligibility status is requested by a member institution, the Clearinghouse will review your final transcript to make a final certification decision according to NCAA standards.
2. **Complete the courses listed on chart below.**
3. **Earn a minimum required grade point average in your core courses.** Only courses that are on Cherry Creek High School’s “List of NCAA Approved Core Courses” (see page vii) can be used to calculate your NCAA g.p.a. No special values are allowed for “+” or “-” grades.
4. **For Division I, earn a combined SAT or ACT sum score that matches your core course grade point average and test score in the index listed on the following page. For Division II, earn a combined SAT score of 820 or an ACT sum score of 68 with a minimum 2.0 GPA. There is no sliding scale in Division II. SAT or ACT scores must be reported directly to the Clearinghouse from the testing agency.**

Core Units Required for NCAA Certification

	Division I	Division II
English Core	4 years	3 years
Mathematics Core (Algebra I or higher)	3 years	2 years
Science Core (including at least I year of lab science)	2 years	2 years
Social Science Core	2 years	2 years
Additional English, math, or science	1 year	2 years
Additional Core (from any area above or foreign language, non-doctrinal religion/philosophy, computer science)	4 years	3 years
TOTAL CORE UNITS REQUIRED	16	14

PLEASE NOTE: 2014 graduates planning to attend a NCAA Division II institution will be required to complete 16 core courses.

CORE GPA/Test Score Index (to be used with 16 core courses)		
Core GPA	SAT	ACT
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

LIST OF NCAA APPROVED CORE COURSES (formerly 48H)

The NCAA Initial Eligibility Clearinghouse 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.ncaaclearinghouse.net
- Click on "General Information"
- Click on "List of Approved Core Courses" on left hand side.
- Enter our high school code 060515 in the box and click "Submit"
- Click on the "All Subject Areas" box and then click "Continue"
- 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 Clearinghouse.

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

For more information on eligibility requirements:

- Go to www.ncaaclearinghouse.net
- Click on "Information and Resources for Prospective Student-Athletes" on the left-hand side.
- Click on "Guide for the College-Bound Student-Athlete", which provides specific information on the eligibility process.

Clearinghouse Contact Information

NCAA Initial-Eligibility Clearinghouse
P.O. Box 7136
Indianapolis, IN 46207
877-262-1492 (toll-free)
317-968-5100 (fax)
www.ncaaclearinghouse.net

Concurrent Enrollment Program



Concurrent Enrollment

Cherry Creek School District is offering college credit to qualified students for successful completion of the following courses:

Introduction to College Composition
Introduction to College Literature
College Algebra
College Trigonometry
Accounting 2
Business Law 1
Business and Personal Finance
Computer Applications
Marketing 2

To qualify for these opportunities, a student must first complete pre-requisites which may include: Accuplacer, ACT scores, and/or course completion.

Below are the facts you should know:

- The student will also receive high school graduation credit for their CE course.
- The student must be enrolled in this class for the entire semester or year and finish with a grade of C or higher.
- Students are required to complete a Concurrent Enrollment application for each course. 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 College Opportunity Fund, with the exception of basic skills credits.
- The college credit will be awarded through ACC. Students should check with their transferring institution regarding the transferability of the course.
- Students may enroll in the courses listed above without earning college credit.

COURSE TITLE

LEVEL

**OPEN
TO**

**COURSE
LENGTH/CR**

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

ENGLISH

*Advanced Debate Honors	Honors	10-12	Year/1
*Advanced Placement Language and Composition	Honors	11	Year/1
*Advanced Placement Literature and Composition	Honors	12	Year/1
*Cross-Ex Debate Honors.....	Honors	10-12	Year/1
*English 10 Honors	Honors	10	Year/1
*English 9 Honors	Honors	9	Year/1
Advanced Forensics		10-12	Year/1
Award Winners.....		12	Sem/1/2
Beginning Debate.....		9-10	Year/1
CE Introduction to College Composition	Concurrent Enrollment	12	Sem/1/2
CE Introduction to College Literature.....	Concurrent Enrollment	12	Sem/1/2
Contemporary Authors		12	Sem/1/2
Core Composition I - Online		11-12	Sem/1/2
Core Composition II - Online.....		11-12	Sem/1/2
CP English 10		10	Year/1
CP English 11		11	Year/1
CP English 9.....		9	Year/1
CP Reading and Writing - Online		11-12	Sem/1/2
Creative Writing		12	Sem/1/2
Cultural Literacy and Research 10		10	Sem/1/2
Cultural Literacy and Research 11-12		11-12	Sem/1/2
ELA Advanced Reading and Writing		9-12	Year/1
ELA Beginning Reading and Writing		9-12	Year/1
ELA Beginning Speaking/Listening		9-12	Year/1
ELA Intake		9-12	Sem/1/2
ELA Intermediate Reading and Writing.....		9-12	Year/1
ELA Intermediate Speaking/Listening.....		9-12	Year/1
English 10 Essentials		10	Year/1
English 11 Essentials		11	Year/1
English 9 Essentials		9	Year/1
Humanities English 10: World Studies (taken with Humanities 10: American Studies)		10	Year/1
Humanities English 9: American Studies (taken with Humanites 9: American Studies).....		9	Year/1
Journalism		9-12	Sem/1/2
Introduction to College Composition		12	Sem/1/2
Introduction to College Literature		12	Sem/1/2
Multicultural Literature		12	Sem/1/2
Oral Interpretation		9-12	Sem/1/2
Reading Essentials 1		9-10	Sem/1/2
Reading Essentials 2		9-10	Sem/1/2
Reading Essentials 3		11-12	Sem/1/2
Reading Essentials 4		11-12	Sem/1/2
Reading/Writing for Success		10-12	Sem/1/2
Science Fiction		12	Sem/1/2
Senior Seminar: Literature and Writing		12	Year/1
Senior Thesis.....		11-12	Sem/1/2
Shakespeare		12	Sem/1/2
Speech		9-12	Sem/1/2
Survey of Poetry.....		12	Sem/1/2
World Literature		12	Sem/1/2
Writing Clinic.....		12	Sem/1/2
Writing on Film		12	Sem/1/2
Written and Spoken Communication		12	Sem/1/2

SOCIAL STUDIES

*Advanced Placement - Comparative Government and Politics	Honors	11-12	Sem/1/2
*Advanced Placement-European History	Honors	11-12	Year/1
*Advanced Placement - Human Geography	Honors	11-12	Sem/1/2
*Advanced Placement - Macroeconomics	Honors	11-12	Sem/1/2
*Advanced Placement - Microeconomics	Honors	11-12	Sem/1/2
*Advanced Placement - United States Government and Politics.....	Honors	11-12	Sem/1/2
*Advanced Placement - United States History	Honors	11-12	Year/1
*Advanced Placement - World History.....	Honors	10-12	Year/1
American Government - Online		11/12	Sem/1/2
American Government.....		11-12	Sem/1/2
American History Through Music.....		11-12	Sem/1/2
Anthropology		11-12	Sem/1/2
Economics		11-12	Sem/1/2
ELA American Government.....		10-12	Sem/1/2
ELA Recent America		10-12	Sem/1/2
ELA- Social Studies 1.....		9-12	Year/1
ELA - U.S. History		9-12	Year/1
Essentials of American Government		11-12	Sem/1/2
Geography - Online		11-12	Sem/1/2

COURSE TITLE

LEVEL

OPEN TO

COURSE LENGTH/CR

SOCIAL STUDIES

Human Diversity		10-12	Sem/1/2
Humanities 10: World Studies (taken with Humanites English 10: World Studies)		10	Year/1
Humanities 9: American Studies (taken with Humanities English 9: American Studies)		9	Year/1
International Relations.....		11-12	Sem/1/2
Law, Rights and the Constitution		10-12	Sem/1/2
Psychology		11-12	Sem/1/2
Recent America: 1945 to Present		10-12	Sem/1/2
Sociology		11-12	Sem/1/2
United States History		9	Year/1
U. S. History - Online.....		11-12	Year/1
United States History 11-12 Semester 1		11-12	Sem/1/2
United States History 11-12 Semester 2		11-12	Sem/1/2
United States History Essentials.....		9	Year/1
Western Philosophy and Ethics		11-12	Sem/1/2
World Geography		11-12	Sem/1/2
World History.....		10	Year/1
World History Essentials		10	Year/1
World Religions		11-12	Sem/1/2
World War I and II.....		10-12	Sem/1/2

MATHEMATICS

*Abstract Math/Linear Algebra	Honors	12	Year/1
*Algebra 2/Trigonometry Honors.....	Honors	9-11	Year/1
*Advanced Placement Calculus AB.....	Honors	12	Year/1
*Advanced Placement Calculus BC.....	Honors	11-12	Year/1
*Advanced Placement Computer Science	Honors	10-12	Year/1
*Advanced Placement Statistics	Honors	11-12	Year/1
*Calculus 3Honors.....	Honors	12	Sem/1/2
*Differential Equations Honors.....	Honors	12	Sem/1/2
*Geometry Honors.....	Honors	9-10	Year/1
*Pre-Calculus Honors	Honors	10-12	Year/1
Algebra 1.....		9-11	Year/1
Algebra 1X2		10-12	Year/1
Algebra 2.....		11-12	Year/1
Business Calculus		11-12	Sem/1/2
CE College Algebra.....	Concurrent Enrollment	11-12	Sem/1/2
CE College Trigonometry.....	Concurrent Enrollment	11-12	Sem/1/2
College Algebra.....		11-12	Sem/1/2
College Algebra - Online		11-12	Sem/1/2
College Trigonometry		11-12	Sem/1/2
College Trigonometry - Online.....		11-12	Sem/1/2
C.P. Algebra 1.....		9-12	Year/1
C.P. Algebra 2.....		10-12	Year/1
C.P. Geometry.....		9-12	Year/1
Discrete Math.....		11-12	Sem/1/2
Geometry		10-12	Year/1
Internet Programming & Web Publishing		9-12	Sem/1/2
Intro to Computer Science.....		9-12	Sem/1/2
Math 1		9-11	Year/1
Math 2		9-11	Year/1
Pre-Calculus with Trigonometry.....		11-12	Year/1
Probability and Statistics		11-12	Sem/1/2

SCIENCE AND TECHNOLOGY

*Advanced Scientific Research Honors	Honors	11-12	Year/1
*Advanced Placement Biology.....	Honors	11-12	Year/1.5
*Advanced Placement Chemistry	Honors	11-12	Year/1
*Advanced Placement Environmental Science.....	Honors	12	Year/1
*Advanced Placement. Physics C.....	Honors	11-12	Year/1.5
*Biology Honors.....	Honors	11-12	Year/1
*Chemistry Honors	Honors	10-12	Year/1
*Physical Science Honors.....	Honors	9-10	Year/1
*Physics Honors	Honors	11-12	Year/1
Anatomy and Physiology.....		11-12	Year/1
Astronomy		11-12	Sem/1/2
Biology - Online		10-12	Year/1
Bio/Physical Science 2		10-12	Year/1
Bio/Physical Science 3		11-12	Year/1

COURSE TITLE

LEVEL

**OPEN
TO**

**COURSE
LENGTH/CR**

SCIENCE AND TECHNOLOGY

Computer Programming in Science & Engineering		9-12	Year/1
C.P. Biology		9-12	Year/1
C.P. Chemistry		11-12	Year/1
C.P. Physical Science		9	Year/1
C.P. Physics		11-12	Year/1
Environmental Science I		11-12	Sem/1/2
Environmental Science 2		11-12	Sem/1/2
Geology		11-12	Sem/1/2
Geology - Online		11-12	Sem/1/2
Introduction to Scientific Research		9-12	Year/1
MAL Science 1		11-12	Sem/1/2
MAL Science 2		11-12	Sem/1/2
Physical Science.....		9	Year/1
Physics/Engineering Physics (taken with 6 Engineering Physics)		11-12	Year/1
Scientific Research		10-12	Year/1

TECHNOLOGY

Architectural Drawing and Design		10-12	Year/1
Computer Aided Design		9-12	Year/1
Commercial Architectural Drawing and Design.....		11-12	Year/1
Computer Assisted Drafting (CAD)		10-12	Sem/1/2
Digital Electronics		9-12	Sem/1/2
Electronics 1		9-12	Sem/1/2
Electronics 2		9-12	Sem/1/2
Engineering Physics (taken with 4 Physics/Engineering).....		11-12	Year/1
Technical Drawing		9-12	Year/1

FOREIGN LANGUAGES

*Advanced Placement Chinese	Honors	11-12	Year/1
*Advanced Placement French Language	Honors	11-12	Year/1
*Advanced Placement German.....	Honors	11-12	Year/1
*Advanced Placement Latin.....	Honors	11-12	Year/1
*Advanced Placement Spanish Language.....	Honors	11-12	Year/1
*Advanced Placement Spanish Literature	Honors	11-12	Year/1
*Chinese 3 Honors.....	Honors	9-12	Year/1
*Chinese 4 Honors.....	Honors	9-12	Year/1
*French Literature 6 Honors.....	Honors	11-12	Year/1
*French 3/4 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
Chinese 1		9-12	Year/1
Chinese 2.....		9-12	Year/1
French 1		9-12	Year/1
French 1.5		9-12	Year/1
French 2		9-12	Year/1
French 2.5.....		9-12	Year/1
French 3.....		9-12	Year/1
French 4.....		9-12	Year/1
German 1		9-12	Year/1
German 2		9-12	Year/1
Latin 1		9-12	Year/1
Latin 2		9-12	Year/1
Spanish 1 X A		10	Sem/1/2
Spanish 1 X B.....		10	Sem/1/2
Spanish 1 X C.....		11	Sem/1/2
Spanish 1		9-12	Year/1
Spanish 1.5.....		9-12	Year/1
Spanish 2 X A.....		11	Sem/1/2
Spanish 2 X B.....		12	Sem/1/2
Spanish 2 X C.....		12	Sem/1/2
Spanish 2		9-12	Year/1
Spanish 2.5		9-12	Year/1
Spanish 3		9-12	Year/1
Spanish 4.....		9-12	Year/1
Spanish Conversation and Composition.....		11-12	Year/1

COURSE TITLE	LEVEL	OPEN TO	COURSE LENGTH/CR
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FINE ARTS, CREATIVE ARTS, TECHNOLOGY

INSTRUMENTAL MUSIC

Concert Band		9-12	Year/1
Symphonic Band 1		9-12	Year/1
Symphonic Band 2		9-12	Year/1
Wind Ensemble		9-12	Year/1
Jazz Band 1		9-12	Year/1
Jazz Band 2		9-12	Year/1
Symphonic Orchestra		9-12	Year/1
Concert Orchestra		9-12	Year/1

VOCAL MUSIC/OTHER MUSIC COURSES

Statesmen		9	Year/1
Choralaires		9	Year/1
A Cappella Choir		10-12	Year/1
Girls' 21		10-12	Year/1
Troubadours		10-12	Year/1
Union Street Jazz Choir		10-12	Year/1
Voice		9-12	Year/1
Meistersingers		11-12	Year/1
Music and Song Writing		10-12	Year/1
Piano		9-12	Year/1
*Advanced Placement Music Theory	Honors	10-12	Year/1

THEATER

Beginning Acting		9-12	Sem/1/2
Intermediate Acting		10-12	Year/1
Advanced Acting		11-12	Year/1
Directing		12	Year/1
Technical Theatre I		9-12	Sem/1/2
Video Production I		9-12	Sem/1/2
Video Production II		9-12	Sem/1/2
Advanced Video Production		10-12	Year/1

ART

Drawing and Design 1		9-12	Sem/1/2
Drawing and Design 2		9-12	Sem/1/2
Advanced Drawing		10-12	Sem/1/2
Live Figure Drawing		10-12	Sem/1/2
Sculpture 1		10-12	Sem/1/2
Painting 1		10-12	Sem/1/2
Painting 2		10-12	Sem/1/2
Ceramics I		10-12	Sem/1/2
Ceramics II		10-12	Sem/1/2
Artisan's Workshop		11-12	Sem/1/2
*Advanced Placement Studio Art	Honors	11-12	Year/1
*Advanced Placement 3-D Studio Art	Honors	11-12	Year/1
*Advanced Placement Art History	Honors	11-12	Year/1
Photography 1		10-12	Sem/1/2
Photography 2		10-12	Sem/1/2
Advanced Photography Workshop		11-12	Sem/1/2
Jewelry/Metals 1		9-12	Sem/1/2
Jewelry/Metals 2		10-12	Sem/1/2
Jewelry/Metals Workshop		10-12	Sem/1/2
MAL Fine Arts		10-12	Sem/1/2

TECHNOLOGY

Architectural Drawing and Design		10-12	Year/1
Computer Aided Design		9-12	Year/1
Commercial Architectural Drawing and Design		11-12	Year/1
Computer Assisted Drafting (CAD)		10-12	Sem/1/2
Digital Electronics		9-12	Sem/1/2
Electronics 1		9-12	Sem/1/2
Electronics 2		9-12	Sem/1/2
Engineering Physics (taken with 4 Physics/Engineering)		11-12	Year/1
Technical Drawing		9-12	Year/1

COURSE TITLE**LEVEL****OPEN
TO****COURSE
LENGTH/CR****BUSINESS AND FAMILY AND CONSUMER SCIENCES**

Accounting 1		9-12	Year/1
Accounting 2	Concurrent Enrollment	10-12	Year/1
A.C.E.		12	Year/1
A.C.E. Work		12	Year/2
Advanced Computer Applications		9-12	Sem/1/2
Business and Personal Finance	Concurrent Enrollment	10-12	Sem/1/2
Business Law 1	Concurrent Enrollment	11-12	Sem/1/2
Business Law 2		11-12	Sem/1/2
Child Development		10-12	Sem/1/2
Computer Applications	Concurrent Enrollment	9-12	Sem/1/2
Contemporary Relationships		10-12	Sem/1/2
Fashion/Interiors/Culinary Design		9-12	Sem/1/2
Foods and Nutrition		9-12	Sem/1/2
Interior Design 1: Residential		10-12	Sem/1/2
Interior Design 2: Commercial		10-12	Sem/1/2
Introduction to Business		9-10	Sem/1/2
Marketing 1 (DECA)		11	Year/1
Marketing 2 (DECA)	Concurrent Enrollment	12	Year/1
Marketing COOP		12	Year/2
Yearbook		10-12	Year/1

CHERRY CREEK CAREER & TECHNICAL EDUCATION

The 2011-2012 CTE Course Guide may be found at: <http://www.ccsd.k12.co.us/CTE/>

Registration Information

Courses at Pickens Technical College and select out-of-district programs are also available (see course guide for details). All CTE programs require an application. The application may be downloaded at the above website.

Enrollment Process

Step 1 – Gather all relevant information via website course catalogues, brochures, phone calls, emails and meetings.

Step 2 – Complete an application for admission. This application may be found at <http://www.ccsd.k12.co.us/CTE/> or at each high school counseling office. If you do not have an application and would like one please call (720) 554-4551.

Step 3 – Take completed application to the home high school counselor and discuss.

Step 4 – Counselors send in completed applications to the Cherry Creek CTE office no later than March 11, 2011.

Please note that application does not guarantee enrollment. Some classes fill quickly, and limited slots are available.

PHYSICAL EDUCATION/HEALTH

Advanced Fitness		10-12	Sem/1/2
Adventure Ed 1		9-12	Sem/1/2
Adventure Ed 2		9-12	Sem/1/2
Adventure Leader		9-12	Sem/1/2
Adventure Leadership Training		9-12	Sem/1/2
Adventure Water Sports		9-12	Sem/1/2
Adventure Water Sports Leader		9-12	Sem/1/2
Aerobics		9-12	Sem/1/2
Dance 1		9-12	Sem/1/2
Dance 2		9-12	Sem/1/2
Health		10-12	Sem/1/2
Health - Online		10-12	Sem/1/2
Individual Sports		9-12	Sem/1/2
Lifeguard Training		10-12	Sem/1/2
Personal Fitness I - Online		10-12	Sem/1/2
Personal Fitness II - Online		10-12	Sem/1/2
Ski Conditioning		9-12	Sem/1/2
Sports Fitness		9-12	Sem/1/2
Springboard Diving		9-12	Sem/1/2
Swimming Fitness		9-12	Sem/1/2
Team Sports		9-12	Sem/1/2
Tumbling		9-12	Sem/1/2
Weight Training 1		9-12	Sem/1/2
Weight Training 2		10-12	Sem/1/2

COURSE TITLE	LEVEL	OPEN TO	COURSE LENGTH/CR
STUDENT ACHIEVEMENT SERVICES			
Elements of English 10		10	Year/1
Elements of English 11		11	Year/1
Elements of English 12		12	Year/1
Elements of English 9		9	Year/1
Elements of Film and Literature		10-12	Sem/1/2
Elements of Literacy		9-12	Sem/1/2
Elements of Multicultural Literature		10-11	Sem/1/2
English Foundations		9-12	Year/1
ILC English		9-12	Year/1
ILC Reading 1.....		9-12	Year/1
Elements of American Government		11-12	Sem/1/2
Elements of Psychology		9-10	Sem/1/2
Elements of Sociology 1.....		11-12	Sem/1/2
Elements of Sociology 2.....		11-12	Sem/1/2
Elements of United States History.....		9-12	Year/1
Elements of World History		10-12	Year/1
Foundations Geography		9-12	Sem/1/2
Foundations of Government		9-12	Sem/1/2
Foundations of Law, Rights and Constitution.....		9-12	Sem/1/2
Foundatons of US History		9-12	Year/1/2
ILC Social Studies.....		9-12	Year/1
Senior Transitions 1		12	Sem/1/2
Senior Transitions 2		12	Sem/1/2
Social Relations		9-10	Sem/1/2
Algebra 1		9-12	Year/1
Algebra 1X2		10-12	Year/1
Elements of Algebra 1.....		10-12	Year/1
Elements of Geometry.....		11-12	Year/1
Elements of Math		9-12	Year/1
Elements of Mathematical Reasoning		9-12	Sem/1/2
Foundations of Math.....		9-12	Year/1
ILC Math		9-12	Year/1
Physical Science.....		9	Year/1
Bio/Physical Science 2		10-12	Year/1
Bio/Physical Science 3		11-12	Year/1
Arts Exploration		9-12	Sem/1/2
ILC Adaptive Sensory Integration		9-12	Year/1
ILC Significant Supports Adaptive Fine Arts		9-12	Year/1
Elements of Physical Education.....		9-10	Sem/1/2
Health and Wellness.....		10-12	Sem/1/2
ILC Health		9-12	Year/1
ILC Physical Education.....		9-12	Year/1
Academic Support Lab 9		9	Sem/1/2
Academic Support Lab		10-12	Sem/1/2
ILC Community.....		9-12	Year/1
ILC Food		9-12	Year/1
ILC Support Lab.....		9-12	Sem/ 1/2
ILC Work Experience		9-12	Year/1
Students Supporting Students		9-12	Sem/1/2
Work Experience Study (WES)		9-12	Qtr/1/2
Off Campus I-Team		11-12	Sem/VAR.

SPECIAL COURSES (GENERAL ELECTIVE CREDIT)

Office Assistant		9-12	Sem/1/2
Peer Ambassadors		12	Year/1
Student Senate		9-12	Year/1
Students Supporting Students.....		9-12	Sem/1/2
Teacher Assistant		9-12	Sem/1/2

COUNSELING SEMINARS

CREEK 101 (Freshman).....		9	Year/1/4
CREEK 201 (Sophomore).....		10	Sem/None
CREEK 301 (Junior).....		11	Sem/None
CREEK 401 (Senior).....		12	Sem/None
Sophomore Enrichment Seminar		10	Year/1

POSSIBLE E.P.I.C. COURSES

El Pomar Youth Community Service		10-12	Sem/1/2
EPIC Student Athlete.....		9-12	Sem/1/2
Leadership - Case Study		10-12	Sem/1/2
Medical Careers		9-12	Year/1
Medical Volunteer.....		10-12	Sem/1/2

ENGLISH

DIRECTION FOR REGISTRATION:

English Essentials 9, 10, 11 are skills based courses for 9, 10, and 11th grade students who read at least two years below grade level. Students will work individually with teachers, in clusters with teachers, and on computers, using the latest in reading and writing strategies.

For Grade Nine: You must take one full-year course as a freshman: English 9 Essentials, C.P. English 9, English 9H or Humanities 9: American Studies. Your present English teacher will recommend which level (English 9 Essentials, C.P. English 9, English 9H) to take based on your test scores.

For Grade Ten: You must take one full-year course as a sophomore: English 10 Essentials, C.P. English 10, English 10H or Humanities 10: World Studies. Your present English teacher will recommend which level (English 10 Essentials, C.P. English 10, English 10H) to take based on your test scores and performance in 9th grade English.

For Grade Eleven: You must take one full-year course as a junior: English 11 Essentials, C.P. English 11, or A.P. Language and Composition. Your present English teacher will recommend which level (English 11 Essentials, C.P. English 11, A.P. Language and Composition) you must take based on your test scores and performance in 10th grade English.

For Grade Twelve: You must take 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.**

CODES: (*) Honors; (A.P.) Advanced Placement; **Courses designated with an (*) asterick receive a weighted grade.**

*ADVANCED DEBATE HONORS

Open to: Grades 10-12
Prerequisite: Teacher approval
Credit: 1 unit
Course length: 1 year

An honors course and an extension of Beginning Debate. Teacher's approval is required. Areas of intensive study include Lincoln-Douglas Debate, original oratory, and extemporaneous speaking. This course earns English credit but does not meet the English requirement for graduation.

*ADVANCED PLACEMENT-LANGUAGE AND COMPOSITION

Open to: Grade 11 (or 12 with teacher recommendation)
Prerequisite: English 10H or test placement/Teacher recommendation
Credit: 1 unit
Course length: 1 year

A.P. Language and Composition combines an important preparation for A.P. Literature and Composition in the senior year with a thorough preparation for taking the A.P. 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 A.P. Lang/Comp exams constitutes a significant aspect of this challenging course.

*ADVANCED PLACEMENT-LITERATURE AND COMPOSITION

Open to: Grade 12
Prerequisite: None
Credit: 1 unit
Course length: 1 year

Students will develop critical reading and critical thinking skills. Students will study prose, poetry, and drama utilizing the techniques of literary analysis. Students will develop critical reading and critical thinking skills. In May, students will be expected to take the AP Literature and Composition Exam, which tests for reading and writing skills expected at the end of the college freshman year. Writing in-class essays in response to essay prompts from previous A.P. Lit/Comp exams constitutes a significant aspect of this challenging course.

*CROSS-EX DEBATE HONORS

Open to: Grades 10-12
Prerequisite: Beginning Debate and teacher approval
Credit: 1 unit
Course length: 1 year

This honors class is competitive in its nature. Students will focus on one domestic or international issue. They will research this area and write cases both affirmative and negative on 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

Open to: Grade 10
Prerequisite: Teacher Recommendation/Test placement
Credit: 1 unit
Course length: 1 year

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

Open to: Grade 9
Prerequisite: Teacher Recommendation/Test placement
Credit: 1 unit
Course length: 1 year

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.

ADVANCED FORENSICS

Open to: Grades 10-12
Prerequisite: Oral Interpretation, Beginning Debate, Acting classes or teacher's signature
Credit: 1 unit
Course length: 1 year

Students will be involved in the competitive aspect of forensics. Areas of state competition (Drama, Humor, Poetry, Duo Interpretation, and duet acting) will be emphasized. Students will be expected to compete or perform in extra curricular speech activities. This course earns English credit but does not meet the English requirement for graduation.

AWARD WINNERS

Open to: Grades 12
Prerequisite: None
Credit: 1/2 unit
Course length: 1 sem.

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.

BEGINNING DEBATE

Open to: Grades 9-10
Prerequisite: None
Credit: 1 unit
Course length: 1 year

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 development 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 INTRODUCTION TO COLLEGE COMPOSITION



Open to: Grade 12
Prerequisite: ACCUPLACER scores of Reading 80 and Sentence Skills 95; Or ACT scores of English 18 and Reading 17
Credit: 1/2 unit
Course length: 1 sem.

This course aligns with the Colorado Community College course English Composition 1-121. 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. 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.

CE INTRODUCTION TO COLLEGE LITERATURE



Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	ACCUPLACER scores of Reading 80 and Sentence Skills 95; Or ACT scores of English 18 and Reading 17; or successful completion of ENG 121 English Composition 1	Course length:	1 sem.

This course aligns with the Colorado Community College course Introduction to Literature 115. 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. 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.

CONTEMPORARY AUTHORS

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	Nelson Denny scores with counselor recommendation	Course length:	1 sem.

The course will emphasize reading comprehension strategies. Reading skills will be emphasized through the study of a limited selection of works by contemporary authors in a variety of genres.

C.P. ENGLISH 10

Open to:	Grade 10	Credit:	1 unit
Prerequisite:	Teacher Recommendation/ Test placement	Course length:	1 year

C.P. 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.

C.P. ENGLISH 11

Open to:	Grade 11	Credit:	1 unit
Prerequisite:	Teacher Recommendation/ Test placement	Course length:	1 year

C.P. 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.

C.P. ENGLISH 9

Open to:	Grade 9	Credit:	1 unit
Prerequisite:	Teacher Recommendation/ Test placement	Course length:	1 year

C.P. 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.

CREATIVE WRITING

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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.

CULTURAL LITERACY AND RESEARCH 10

Open to:	Grade 10	Credit:	1/2 unit
Prerequisite:	New student to CCHS	Course length:	1 sem.

This course will help sophomore students transition smoothly and successfully into Cherry Creek culture and academics. Students will further their knowledge of school resources, study skills, time management, self-advocacy, and writing and research processes culminating in an analytical research paper. Students will be required to read a variety of texts, both fiction and non-fiction, to improve reading comprehension skills. Students have the advantage of becoming comfortable with "Creek Culture" in a friendly environment that includes other transfer students. This course is open only to students new to CCHS.

CULTURAL LITERACY AND RESEARCH 11 & 12

Open to:	Grade 11-12	Credit:	1/2 unit
Prerequisite:	New student to CCHS	Course length:	1 sem.

This course will help junior and senior students transition smoothly and successfully into Cherry Creek culture and academics. The curriculum covers research skills, critical thinking, reading, and writing skills with emphasis on locating, evaluating, and analyzing information culminating in an analytical research paper. These skills will help students succeed at CCHS and in college. Students will be required to read a variety of texts, both fiction and non-fiction, to improve reading comprehension skills. Students have the advantage of becoming comfortable with "Creek Culture" in a friendly environment that includes other transfer students. This course is open only to students new to CCHS.

ELA ADVANCED READING AND WRITING

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	ELA Intermediate Reading and Writing or Testing and/or recommendation	Course length:	1 year

This course is a continuation of ELA Intermediate Reading and Writing. Emphasis is on reading skills, literature, comprehension in content area reading, vocabulary development, and composition. This class prepares students for mainstream English curricula.

ELA BEGINNING READING AND WRITING

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Testing and/or recommendation	Course length:	1 year

This course is intended only for beginning students whose first or native language is not English. Emphasis is on vocabulary development, reading comprehension, and the development of writing skills.

ELA BEGINNING SPEAKING/LISTENING

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Testing and/or recommendation	Course length:	1 year

This course is intended only for students whose native or first language is not English. Composition, grammar, reading and oral communication are the areas of emphasis. Class size and organization permit a highly individualized program.

ELA INTAKE

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	ELA Teacher approval with Placement Test	Course length:	1 sem.

This course is intended for students whose native language is not English. This is an ELA beginning level newcomers course for students who arrive late in the year or those deemed to need extra help in beginning level. There will be a strong emphasis on reading, writing and speaking.

ELA INTERMEDIATE READING AND WRITING

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	ELA Beginning Reading and Writing Testing and/or recommendation	Course length:	1 year

This course is a continuation of ELA Beginning Reading and Writing. The curriculum includes reading skills, vocabulary development, literature, and composition.

ELA INTERMEDIATE SPEAKING/LISTENING

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Testing and/or recommendation	Course length:	1 year

Continuation of Beginning Speaking/Listening.

ENGLISH 10 ESSENTIALS

Open to:	Grade 10	Credit:	1 unit
Prerequisite:	Nelson Denny scores with teacher recommendation	Course length:	1 year

English 10 Essentials is a one-year course that builds on the skills taught in English 9 Essentials. Course content includes vocabulary, applied grammar, writing and reading comprehension. Students will be challenged to think critically about their reading and to express their thinking in writing. The development of expository, personal, and creative assignments will be emphasized.

ENGLISH 11 ESSENTIALS

Open to:	Grade 11	Credit:	1 unit
Prerequisite:	Nelson Denny scores with teacher recommendation	Course length:	1 year

English 11 Essentials is a one-year course that builds on the skills taught in English 9 Essentials and English 10 Essentials. Course content includes vocabulary, applied grammar, writing and reading comprehension. Writing assignments will emphasize developing a subject in depth and refining writing style.

ENGLISH 9 ESSENTIALS

Open to:	Grade 9	Credit:	1 unit
Prerequisite:	Nelson Denny scores with teacher recommendation	Course length:	1 year

English 9 Essentials is a one-year course emphasizing the development of essentials skills in reading, writing, speaking, and listening. Course content includes vocabulary, applied grammar, the writing process and reading comprehension of fiction and nonfiction.

HUMANITIES ENGLISH 10: WORLD STUDIES HUMANITIES 10: WORLD STUDIES

(You must register for both courses.)

Open to:	Grade 10	Credit:	2 units (1 Eng. 1 S.S.)
Prerequisite:	Eng. 9 and US Hist. 9	Course length:	1 year

This course will examine the political, social, economic, and cultural forces throughout history in both Western and non-Western civilizations and will study appropriate literary selections associated with the topics under study. In addition to the literary selections, the English component of the course will also develop the appropriate writing and reading skills. The course satisfies the goals and objectives already established for World History and English 10. The course is designed to meet the needs of all students, regardless of ability. Each student will receive one Social Studies credit and one English credit for this two-period course. The distinctions between the Humanities course and the current World History and English 10 courses lie in its team-teaching approach, its integration of content and skills, and the time available for a variety of activities.

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

HUMANITIES ENGLISH 9: AMERICAN STUDIES HUMANITIES 9: AMERICAN STUDIES

(You must register for both courses.)

Open to:	Grade 9	Credit:	2 units (1 Eng. 1 S.S.)
Prerequisite:	None	Course length:	1 year

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 courses and courses will be scheduled in a back-to-back, two-period configuration.

INTRODUCTION TO COLLEGE COMPOSITION

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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/agumentative writing.

INTRODUCTION TO COLLEGE LITERATURE

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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.

JOURNALISM

Open to:	Grade 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

The 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.

MULTICULTURAL LITERATURE

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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.

ORAL INTERPRETATION

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This class allows students to express themselves orally through a variety of mediums. Performing is stressed in areas such as storytelling, pantomime, lip sync, stand-up humor, drama, poetry, duet acting, and reader's theatre. Students will choose their own reading materials and create performances. There will be a great deal of one-on-one training. Poise, voice development, confidence-building, and interpersonal communication are also enhanced.

READING ESSENTIALS 1

Open to:	Grades 9-10	Credit:	1/2 unit
Prerequisite:	Nelson Denny Scores/ Counselor Recommendation	Course length:	1 sem.

Reading Essentials 1 is an intensive intervention class for students who enter high school at risk for failure due to poor reading and critical thinking skills. Students qualify for these classes based on standardized test scores. Participation is not limited by English level placement. 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.

READING ESSENTIALS 2

Open to:	Grades 9-10	Credit:	1/2 unit
Prerequisite:	Nelson Denny Scores/ Counselor Recommendation	Course length:	1 sem.

Reading Essentials 2 is an intensive intervention class for students who enter high school at risk for failure due to poor reading and critical thinking skills. Students qualify for these classes based on standardized test scores. Participation is not limited by English level placement. If a student in Reading Essentials 2 is not reading at grade level at the end of the semester, he or she will be placed in Reading Essentials 3. This course earns elective credit only.

READING ESSENTIALS 3

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Nelson Denny Scores/ Counselor Recommendation	Course length:	1 sem.

Reading Essentials 3 is an intensive intervention class for students who enter high school at risk for failure due to poor reading and critical thinking skills. Students qualify for these classes based on standardized test scores. Participation is not limited by English level placement. If a student in Reading Essentials 3 is not reading at grade level at the end of the semester, he or she will be placed in Reading Essentials 4. This course earns elective credit only.

READING ESSENTIALS 4

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Nelson Denny Scores/ Counselor Recommendation	Course length:	1 sem.

Reading Essentials 4 is an intensive intervention class for students who enter high school at risk for failure due to poor reading and critical thinking skills. Students qualify for these classes based on standardized test scores. Participation is not limited by English level placement. This course earns elective credit only.

READING AND WRITING FOR SUCCESS

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	English Essentials 9/10 or counselor recommendation	Course length:	1 sem.

This course is highly recommended for English Essentials students who are college bound and want to learn how to study more effectively, prepare for tests, and better comprehend what they read.

SCIENCE FICTION

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Through reading and writing the students will study some of the major themes of all literature as found in outstanding works of science fiction, fantasy, and horror. Development of reading and writing skills will be an important part of this course.

SENIOR SEMINAR: LITERATURE AND WRITING

Open to:	Grade 12	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

Literature Survey: a Senior Seminar is designed to provide college-bound seniors with a rigorous year-long survey of significant literary works. The course will focus on developing writing skills necessary for college within a literary context. The writing component will emphasize strategies for analytic and expository essays. The literature component will include a survey of works from the Renaissance to contemporary. Using fiction, non-fiction, drama, poetry, and film, students will gain an understanding of important theories, themes, and movements. In addition to literary texts, students will explore readings in literary criticism, history, and social sciences.

SENIOR THESIS

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Approval of advisor and Registrar	Course length:	1 sem.

This course is designed to offer high-achieving students an opportunity to explore a topic of their choice and to write a major research-based paper or thesis. Student and advisor arrange to meet during planning periods or after school. This course **will not** count as one of the four English credits required for graduation.**SHAKESPEARE**

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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.

SPEECH

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Speech is a general speech course which explores the basic principles of public speaking. Students are taught various methods of communication with the public. Book reviews, demonstration, informative, persuasive, parliamentary procedure, after-dinner speaking, and group discussion will be included. Organizational skills, research, and oral presentation will be developed throughout the semester.

SURVEY OF POETRY

Open to:	Grades 12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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.

WORLD LITERATURE

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This course is designed to introduce students to renowned selections by various world authors. The intent of all assignments is to develop the student's reading skills, to encourage his/her appreciation of literature, to provide instruction in sound literary analysis, and to improve the student's writing skills to a standard appropriate for the college-bound.

WRITING CLINIC

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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.

WRITING ON FILM

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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.

WRITTEN AND SPOKEN COMMUNICATION

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This class provides an in-depth study of all aspects of communication, including written analysis of non-verbal communication, perception, listening, and handwriting analysis. Students will also pursue two projects involving written research and technology. Discussion groups, speakers, interpersonal and intrapersonal communication, and writing will be part of the course throughout the semester.

ONLINE ENGLISH COURSES

Students wishing to enroll in online courses must complete a contract in the Registrar's office.

CORE COMPOSITION I - ONLINE (Dual credit with the University of Colorado at Denver)

Open to:	Grades 11-12	Credit:	1/2 unit (3 college credits)
Prerequisite:	None	Course length:	1 sem.

Provides opportunities to write for different purposes and audiences, with an emphasis on learning how to respond to various rhetorical situations; improving critical thinking, reading, and writing abilities; understanding various writing processes; and gaining a deeper knowledge of language conventions. Students will be responsible for paying tuition for university credit.

CORE COMPOSITION II - ONLINE (Dual credit with the University of Colorado at Denver)

Open to:	Grades 11-12	Credit:	1/2 unit (3 college credits)
Prerequisite:	Core Composition I	Course length:	1 sem.

Focuses on academic and other types of research-based writing and builds on the work completed in Core Composition I. Focuses on critical thinking, reading and writing as well as working with primary and secondary source material to produce a variety of research-based essays. Emphasis on using both print-based and electronic-based information. Students will be responsible for paying tuition for university credit.

CP READING AND WRITING - ONLINE

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Students in this course will know the specifics of writing including vocabulary strategies, and literary technique, be able to analyze and understand the styles and techniques of high-quality nonfiction writing including voice, word choice, sentence fluency and organization, and create nonfiction pieces modeled after styles studied in class.

SOCIAL STUDIES

To meet graduation requirements, students must take three (3) credits in social studies including one (1) full credit in United States History for all students and one-half (1/2) credit in American Government.

The following course of study is highly recommended:

- 1 credit U.S. History (9th grade)
- 1 credit World History (10th grade)
- 1/2 credit American Government (11th – 12th grade)

Freshmen need to enroll in U.S. History 9, or Humanities 9: American Studies, U.S. History Essentials.

Sophomores should enroll in World History Essentials, World History, or Humanities 10: World Studies. Only those students who qualify will be enrolled in the Essentials class.

For the Social Sciences courses there is no prerequisite; you must select at least one of the following courses:

- | | | |
|---------------------|-----------|--|
| Anthropology | Sociology | AP Comparative Government and Politics |
| Psychology | Economics | AP United States Government and Politics |
| American Government | | AP Microeconomics |

Students are expected to take U.S. History or Humanities 9 in the 9th grade or U.S. History Essentials and World History or Humanities 10 in the 10th grade. U.S. History is also offered in the 11th grade for those students who enter CCHS after their freshman year.

Please note that electives are NOT open to freshmen and that World History is a prerequisite for all World Studies courses.

Students planning to attend college should take four (4) credits in Social Studies.

CRS NAME	LECT	DISC	READING	SIMULA	INQUIRY	SPEAKERS	FLD TRIP	OBJ TEST	ESSAY TEST	SEM PAPER	SEM BK RP
AMERICAN GOVERNMENT	X	X	X	X	X	X		X	X	X	
WORLD GEOGRAPHY	X	X	X		X	X		X	X	1-2	
APHUMAN GEOGRAPHY	X	X	X		X		X	X	X	X	
PHILOSOPHY/ETHICS	X	X	X			X		X	X	1	4
WORLD RELIGIONS	X	X	X			X	X	X		3-4 SHORT	
INT'L RELATIONS	X	X	X		X				X		
LAW/CONSTITUTION	X	X	X		X			X			1
HUMAN DIVERSITY	X	X	X	X	X	X	X	X	X	1	1
RECENT AMERICA	X	X	X		X			X	X	1	1
ANTHROPOLOGY	X	X	X		X			X		1	1
PSYCHOLOGY	X	X	X		X			X		1	1
SOCIOLOGY	X	X	X					X	X	1	1
ECONOMICS	X	X			X			X	X		4
AP US HISTORY	X	X	X						X	1-3	
AP EUROPEAN HIST	X	X	X		X			X	X	1-3	
AP WORLD HISTORY	X	X	X		X			X	X	1-3	
AP COMP. POLITICS	X	X	X		X			X	X	1-3	
AP US GOV/POLITICS	X	X	X		X	X		X	X	1-3	
AP MICROECONOMICS	X	X	X	X	X			X	X	1	

Courses designated with an (*) asterick receive a weighted grade.

*ADVANCED PLACEMENT – COMPARATIVE GOVERNMENT AND POLITICS

Open to: Grades 11-12 **Credit:** 1/2 unit
Prerequisite: Permission of Instructor **Course length:** 1 sem. (2ndsem)

This class is the equivalent to a one semester college course in comparative political systems. 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 origins, beliefs, divisions, role of citizens, framework, and forces of change in political systems throughout the world. Students are expected to take the A.P. Comparative Government and Politics exam in the spring. This course, combined with the A.P. United States Government and Politics course spring semester, allows a student to earn one advanced placement credit in government.

*ADVANCED PLACEMENT - EUROPEAN HISTORY

Open to: Grades 11-12 **Credit:** 1 unit
Prerequisite: U.S.History 9 and World History 10, and permission of instructor **Course length:** 1 year

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. Students are expected to take the AP European History exam.

*ADVANCED PLACEMENT HUMAN GEOGRAPHY

Open to: Grades 11-12 **Credit:** 1/2 unit
Prerequisite: Permission of Instructor **Course length:** 1 sem.

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 Geography exam in the Spring.

*ADVANCED PLACEMENT-MACROECONOMICS

Open to: Grades 11-12 **Credit:** 1/2 unit
Prerequisite: Successful completion of AP Microeconomics **Course length:** 1 sem.

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.

*ADVANCED PLACEMENT-MICROECONOMICS

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Permission of instructor	Course length:	1 sem.

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. This course may be combined with another one semester social studies advanced placement course, including AP Human Geography, AP United States Government and Politics, and AP Comparative Politics. Students are expected to take the AP Microeconomics exam in the Spring.

*ADVANCED PLACEMENT – UNITED STATES GOVERNMENT AND POLITICS

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Permission of Instructor	Course length:	1 sem. (1st sem)

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 A.P. United States Government and Politics exam in the spring. This course combined with the A.P. Comparative Government and Politics course fall semester allows a student to earn one advanced placement credit in government.

*ADVANCED PLACEMENT - UNITED STATES HISTORY

Open to:	Grades 11 - 12	Credit:	1 unit
Prerequisite:	Permission of instructor	Course length:	1 year

This class is equivalent to a full year college course in U.S. History. Students analyze documents and write analytical essays as a means of mastering the subject matter of our nation's past. As a result, students gain not only a thorough knowledge of history, but also an understanding of how our government functioned in times of crisis. An additional plus for the college-bound student is regularly scheduled conferences with the instructor to improve writing skills. Students are expected to take the AP U.S. History exam in the spring.

*ADVANCED PLACEMENT - WORLD HISTORY

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	World History and permission of instructor	Course length:	1 year

This class is equivalent to a full-year college course in World History. It focuses primarily on the past thousand 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, and changes in states. Students are expected to take the AP World History exam in the Spring.

AMERICAN GOVERNMENT

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	U.S. History is recommended	Course length:	1 sem.

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 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.

AMERICAN HISTORY THROUGH MUSIC

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Successful completion of 1 year of US History, or Humanities 9 American Studies or US History 11-12 Sem 1, US History 11-12 Sem 2.	Course length:	1 sem.

Music represents thought/feelings/and cultural changes over time that have historic 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.

ANTHROPOLOGY

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

In this course students examine human behavior by comparing and contrasting prehistoric cultures. It covers theories on the evolution of simple cultures with crude stone choppers, to more complex ones with metal tools. By tracing changes from the earliest primate ancestors to homo sapiens, students also learn theories of physical evolution.

ECONOMICS

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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.

ELA AMERICAN GOVERNMENT

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Testing and/or ELA Teacher recommendation	Course length:	1 sem.

This course is for intermediate students whose first or native language is **NOT** English. The curriculum covers the state and federal government of the United States.

ELA RECENT AMERICA

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Testing and/or ELA Teacher recommendation	Course length:	1 sem.

This course is for intermediate students whose first or native language is **NOT** English. The curriculum covers United States history from World War II to the present.

ELA - SOCIAL STUDIES 1

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Testing and/or ELA Teacher recommendation	Course length:	1 year

This course is for beginning students whose first or native language is **NOT** English. The curriculum covers map and globe skills, U.S. geography, and U.S. government.

ELA - U.S. HISTORY

Open to:	Grades 9- 12	Credit:	1 unit
Prerequisite:	Testing and/or ELA Teacher recommendation	Course length:	1 year

This course is for students whose predominant language is **NOT** English. This course covers the entire span of U.S. History from the discovery of America until the present day.

ESSENTIALS OF AMERICAN GOVERNMENT

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Teacher recommendation	Course length:	1 sem.

For juniors and seniors who read significantly below grade level, the course focuses upon the institutions and policies of American government and how they impact our lives. Students also learn about politics, including the media, interest groups, public opinion, elections, and campaigns. This course aims to create thoughtful, participatory citizens. The course uses high interest materials and emphasizes development of skills in reading, writing, vocabulary, spelling, and data analysis.

HUMAN DIVERSITY

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	U.S. History	Course length:	1 sem.

By studying Afro-Americans, Chicanos, Native Americans, and other ethnic groups, students gain an appreciation for people who have been left out of the mainstream of American History. This course not only surveys the history and cultures of these groups, but also analyzes their current position in American society.

HUMANITIES 10: WORLD STUDIES (You must register for both courses.)

Open to:	Grade 10	Credit:	2 units (1 Eng. 1 S.S.)
Prerequisite:	Eng.9 and US Hist.9	Course length:	1 year

This course examines the political, social, economic, and cultural forces throughout history in both Western and non-Western civilizations and studies appropriate literary selections associated with the topics under study. In addition to the literary selections, the English component of the course also develops the appropriate writing and reading skills. The course satisfies the goals and objectives already established for World History and English 10. The course is designed to meet the needs of all students, regardless of ability. Each student receives one Social Studies credit and one English credit for this two-period course. The distinctions between the Humanities course and the current World History and English 10 courses lie in its team-teaching approach, its integration of content and skills, and the time available for a variety of activities.

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

HUMANITIES 9: AMERICAN STUDIES**HUMANITIES ENGLISH 9: AMERICAN STUDIES**

(You must register for both courses.)

Open to:	Grade 9	Credit:	2 units (1 Eng. 1 S.S.)
Prerequisite:	None	Course length:	1 year

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 courses and courses will be scheduled in a back-to-back, two-period configuration.

INTERNATIONAL RELATIONS

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	World Geography recommended	Course length:	1 sem.

What are the major challenges to the national security of the U.S. after the end of the Cold War, and how can the U.S. meet those challenges? How will the U.S. deal with possible global forces such as Islamic fundamentalism, international terrorism, pandemic diseases like Aids, and the global spread of nuclear, biological and chemical weapons? How will the U.S. deal with the threat to rip apart nation-states and spread conflict on a global level? What does "National Security" mean to the U.S. in the 21st century? These are some of the essential questions this course will address.

LAWS, RIGHTS, AND THE CONSTITUTION

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	U.S. History	Course length:	1 sem.

This course covers the U.S. Constitution, Bill of Rights and the structure of our government with an emphasis on current issues. Students analyze constitutional cases and debate them in class. These cases include such topics as hate speech, obscenity, freedom of religion, affirmative action, search and seizure and student rights.

PSYCHOLOGY

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This course explains human behavior by exploring the unique way each individual learns. Topics include the scientific method, learning, frustration, intelligence, personality, and social and moral development. Case studies of neurotic and psychotic behavior are used to study abnormal psychology.

RECENT AMERICA: 1945 TO PRESENT

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	U.S. History	Course length:	1 sem.

Among other topics discussed in this course are the civil rights movement, rock and roll, Watergate, McCarthyism, Korean War, Vietnam War, Arab Israeli conflict, assassination of Kennedy, and the development of television. "Come along with us now," as we relive the lives of Americans since World War II, yours included.

SOCIOLOGY

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

In this course students explore the way humans behave as groups. Some of the topics covered are social institutions such as the family and education, deviance such as crime, and social stratification based on socioeconomic status, race, ethnicity and gender. The major theories of sociology are applied to each topic. The course emphasizes socialization - the process of learning the values of culture. Outside activities incorporate various social research methods.

UNITED STATES HISTORY

Open to:	Grade 9	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

Covering the entire span of U.S. History from the discovery of America until the present day, this course is required of all ninth grade students. Besides mastering the content of history, students develop communication skills.

UNITED STATES HISTORY - 11/12 Semester 1

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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 from 1492 to 1865.

UNITED STATES HISTORY - 11/12 Semester 2

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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 1865 to the present.

UNITED STATES HISTORY ESSENTIALS

Open to:	Grade 9	Credit:	1 unit
Prerequisite:	Teacher recommendation	Course length:	1 year

For freshmen who read significantly below grade level, this course focuses upon the important people, events, and ideas that have shaped American history. The course uses high interest materials and emphasizes development of skills in reading, writing, vocabulary, spelling, and document analysis.

WESTERN PHILOSOPHY AND ETHICS

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	World History	Course length:	1 sem.

This course explores the subject of ethics in Western thought. It examines the moral dilemmas posed by Plato, Aristotle, Epictetus, St. Thomas Aquinas, Spinoza, Kant, Mill, Camus, Sartre, and others in order to answer two fundamental questions: (1) What is the best life? and (2) How can I live it? Emphasis is placed on how the ideas of the great philosophers can help us understand and deal with present-day moral and ethical problems. Philosophical ideas, especially reading assignments, are presented in a manner so that ALL students will be able to understand them. NO LECTURES. The Socratic method, debates, round-table discussions, and problem-solving activities are the principal means of instruction.

WORLD GEOGRAPHY

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	World History	Course length:	1 sem.

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 with-in places, movement, and regions. Geography skills and contemporary geography-related issues are taught.

WORLD HISTORY

Open to:	Grade 10	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

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.

WORLD HISTORY ESSENTIALS

Open to:	Grade 10	Credit:	1 unit
Prerequisite:	Teacher recommendation	Course length:	1 year

For tenth grade students who read significantly below grade level, the course focuses on covering the entire span of World History from the emergence of civilization to the present day. The course uses high interest materials and emphasizes development of skills in reading, writing, spelling and communication. This course meets the school World History requirement.

WORLD RELIGIONS

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	World History	Course length:	1 sem.

By comparing and contrasting the major religions of the world, students gain a greater appreciation of such basic questions 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.

WORLD WAR I AND II

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	U.S. History	Course length:	1 sem.

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.

ONLINE SOCIAL STUDIES COURSES

Students wishing to enroll in online courses must complete a contract in the Registrar's office.

AMERICAN GOVERNMENT - ONLINE

Open to: Grades 11-12 **Credit:** 1/2 unit
Prerequisite: None **Course length:** 1 sem.

American Government focuses on the constitutional principles of the United States republican form of government and how to apply this constitutional knowledge to form an understanding of government and its relationships on the local, state, national and international levels.

GEOGRAPHY - ONLINE

Open to: Grades 11-12 **Credit:** 1/2 unit
Prerequisite: None **Course length:** 1 sem.

Geography is a semester long course designed to introduce students to the major themes of space, people, culture, economics and resource issues. Students in this course will be exposed to these geographical themes by studying major regions of the world including Africa, Asia, Europe, North and South America. Students taking this course are expected to master the use of maps and spatial data sets, as well as complete projects and papers.

U.S. HISTORY - ONLINE

Open to: Grades 11-12 **Credit:** 1 unit
Prerequisite: None **Course length:** 1 year

U.S. History online offers an interpretive overview of American History using a thematic and standards-based approach to learning. The themes used to interpret history will revolve around the following areas: economic and political processes; immigration, urbanization, and the changing demographics of the United States; progressivism and the struggle for social justice; change and continuity in U.S. foreign policy. Our objective is to understand not only what happened in American History but also why it happened, using a variety of primary sources and a wide range of scholarly interpretations. The eras covered will range from European migration to North America through the present day.

MATHEMATICS

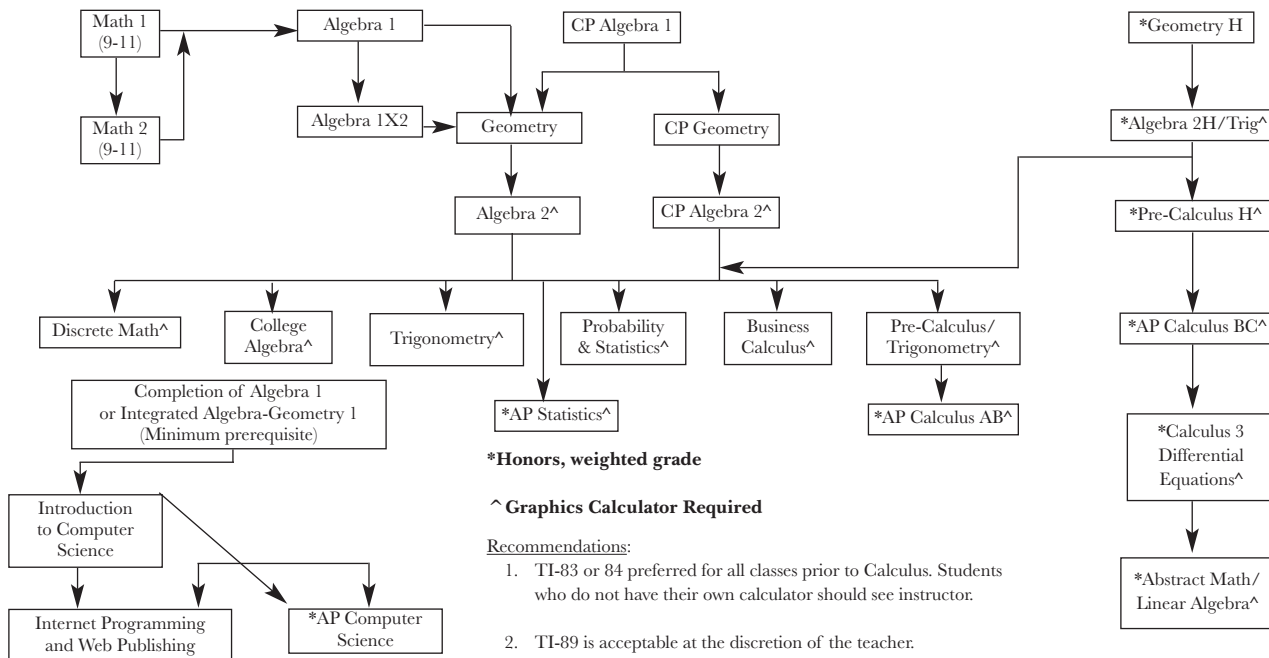
It is the desire of the mathematics department of Cherry Creek High School that all students will be able to take four years of High School mathematics. Each student should be allowed to follow a sequence of courses which will enable them to advance to their individual potential. The nature of the material 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. Entry to this level after Geometry H is not recommended.

Graphics Calculator Requirements: Students are required to have a graphics calculator for all courses Algebra 2 or higher (AP Computer Science excluded.) Refer to the following flow chart for calculator recommendations.

CODES: (*) Honors, (A.P.) Advanced Placement : Courses designated with an (*)asterick receive a weighted grade.

MATHEMATICS 2011-2012



***ABSTRACT MATH/LINEAR ALGEBRA**

Open to:	Grade 12	Credit:	1 unit
Prerequisite:	Calc 3/Differential Equations	Course length:	1 year

The first part of this course introduces the student to the language of math, bridges the computational and abstract math areas, and provides the logical and set-theoretical foundations of mathematical proof. The second part of the course is a substantial, abstract introduction to linear algebra. Basic group theory, vector spaces, and informal axiomatic systems are included.

***ALGEBRA 2–TRIGONOMETRY HONORS (Graphics Calculator Required)**

Open to:	Grades 9-11	Credit:	1 unit
Prerequisite:	*Geometry H	Course length:	1 year

The topics covered in this course are the same as Algebra 2 and Trigonometry; however, the treatment is at a more advanced level and rapid pace.

***ADVANCED PLACEMENT-CALCULUS AB (Graphics Calculator Required)**

Open to:	Grade 12	Credit:	1 unit
Prerequisite:	Pre-Calculus/Trig	Course length:	1 year

This course is a college level course primarily for non-accelerated track students who have completed Pre-Calculus/Trigonometry. Topics include limits and continuity with selected methods and applications of differential and integral calculus. Students are expected to take the A.P. Exam in the spring.

***ADVANCED PLACEMENT-CALCULUS BC (Graphics Calculator Required)**

Open to:	Grade 11-12	Credit:	1 unit
Prerequisite:	*Pre-Calculus H	Course length:	1 year

Calculus BC is considerably more extensive than 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 A.P. Exam given in the spring.

***ADVANCED PLACEMENT-COMPUTER SCIENCE**

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Introduction to Computer Science. Competence in written communication.	Course length:	1 year

This is a year long college level course in computer science for grades 10-12. Students will prepare for and take the A.P. Exam given in the Spring. Topics include algorithmic, development and design, recursion, data structures and collections, efficiency considerations, system reliability, testing strategies and numerical analysis as well as an in-depth look at the GridWorld Case Study provided by the College Board. The course is presented using Object Oriented paradigm. Students will study the history of computers including hardware, software and ethics. The students will study number systems (binary, octal, decimal and hexadecimal) as they relate to computer science.

***ADVANCED PLACEMENT STATISTICS (Graphics Calculator Required)**

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	C.P. Alg. 2 with a grade of A or teacher recommendation	Course length:	1 year

This is an advanced course in statistics designed to prepare students for the A.P. Exam given in the spring. 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 A.P. Exam in the spring.

***CALCULUS 3 HONORS (Graphics Calculator Required)**

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	*A.P. Calculus BC	Course length:	1 sem.

Topics of study in this course includes 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.

***DIFFERENTIAL EQUATIONS HONORS (Graphics Calculator Required)**

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	*A.P. Calculus BC	Course length:	1 sem.

This course will focus on various methods of solution for ordinary differential equations. The types of equations studied 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.

***GEOMETRY HONORS**

Open to:	Grades 9-10	Credit:	1 unit
Prerequisite:	8th Grade Algebra or recommendation of Algebra 1 teacher	Course length:	1 year

This course is an introduction into the accelerated mathematics program at Cherry Creek High School. The topics covered are the same as those in the regular Geometry course but with more emphasis on thinking skills, i.e. why things happen mathematically rather than how to solve problems.

***PRE-CALCULUS HONORS (Graphics Calculator Required)**

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	*Alg. 2-Trig. H	Course length:	1 year

This course is designed to prepare students for the A.P. Calculus class (or a college calculus class). The course combines precalculus 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

Open to:	Grades 9-11	Credit:	1 unit
Prerequisite:	Grade 8 math with teacher recommendation	Course length:	1 year

This course encompasses the fundamental concepts of algebra. It is designed to provide a student the opportunity to master, all of the topics of an Algebra 1 course, while providing extra support for students who have struggled with math in the past.

ALGEBRA 1X2

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Algebra 1 or equivalent	Course length:	1 year

This course is designed for students who have passed Algebra 1 (or other Algebra 1 programs), but are lacking sufficient problem-solving skills and proficiency in more complex algebra applications to succeed in Geometry or Algebra 2. This course focuses on developing more advanced algebra skills and geometry-based applications.

ALGEBRA 2 (Graphics Calculator Required)

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Geometry or CP Geometry	Course length:	1 year

This course covers all topics presented in a traditional second-year algebra course. Emphasis is placed on developing fundamental algebraic manipulative skills required for higher-level problem solving.

BUSINESS CALCULUS (Graphics Calculator Required)

Open to:	Grade 11-12	Credit:	1/2 unit
Prerequisite:	C.P. Alg. 2	Course length:	1 sem.

Business Calculus is a course with broad applications in business, the biological sciences, psychology, sociology, economics and political science. This course should be taken by students intending to major in any of these disciplines. 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.

CE COLLEGE ALGEBRA  Concurrent Enrollment

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	ACCUPLACER score of 85 in Elementary Algebra or ACT score in Math of 23.	Course length:	1 sem.

This course aligns with the Colorado Community College course College Algebra 121. This course includes a brief review of intermediate algebra, equations, and inequalities, functions and their graphs, exponential and logarithmic functions, linear and non-linear systems, selection of topics from among graphing of the conic sections, introduction to sequences and series permutations and combinations, the binomial theorem and theory of equations. 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.

CE COLLEGE TRIGONOMETRY  Concurrent Enrollment

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	ACCUPLACER score of 63 in College Level Math; or ACT score in Math of 24 or successful completion of MAT 121 College Algebra	Course length:	1 sem.

This course aligns with the Colorado Community College course College Trigonometry 122. 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. 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.

COLLEGE ALGEBRA (Graphics Calculator Required)

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	C.P. Alg. 2	Course length:	1 sem.

This course is a modern treatment of concepts of higher algebra, including axiomatic development of the real and complex number systems. Other topics include polynomials, equations and inequalities, determinants and matrices, functions, logarithms, and series and sequences.

COLLEGE TRIGONOMETRY (Graphics Calculator Required)

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Integrated Alg.-Geom. 3 or C.P. Alg. 2	Course length:	1 sem.

This is a thorough exploration of the mathematics of trigonometry using an analytical approach. Topics include trigonometric functions, equations, graphs, and identities. This course provides necessary background for higher mathematics and for applications in the physical sciences.

C.P. ALGEBRA 1

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Grade 8 math with teacher recommendation	Course length:	1 year

This course encounters the fundamental concepts of algebra in a more rigorous manner than Algebra 1. Topics include review of integers, solution of equations in one variable and properties of real numbers, inequalities and problem solving, polynomials, factoring, algebraic fractions, graphs, systems of equations, radicals, quadratic, and exponential functions.

C.P. ALGEBRA 2 (Graphics Calculator Required)

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Geometry or C.P. Geometry	Course length:	1 year

This course is a further exploration of the algebra of the real number system with extension into the complex numbers. Topics include functions, linear programming, logarithms, exponents, inequalities, equations in more than one variable, and series and sequences.

C.P. GEOMETRY

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	C.P. Alg. 1	Course length:	1 year

This course is an integrated course in plane, solid, and coordinate geometry. Students will explore the formal deductive mathematical system using fundamental concepts of mathematical logic. The concepts of mathematical proof, deductive and inductive thinking are emphasized as they apply to geometry. It should provide geometric background for further mathematics courses as well as for application in technical areas, the sciences, social sciences and humanities.

DISCRETE MATH (Graphics Calculator Required)

Open to:	Grade 11-12	Credit:	1/2 unit
Prerequisite:	C.P. Algebra 2	Course length:	1 sem.

Students will study a variety of topics that apply to the modern world. These include graph, game and voting theory, as well as coding, logic, matrices, linear programming and probability. Students tasks include the development of algorithms and social choice structures, math modeling, and optimization.

GEOMETRY

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Alg. 1 or C.P. Alg. 1	Course length:	1 year

This course will emphasize intuitive development of the Geometric concepts rather than formal two-column proofs. The course will cover traditional topics: points, lines, angles, triangles, quadrilaterals, area, polygons, perimeter, trigonometry, constructions, and more.

INTERNET PROGRAMMING AND WEB PUBLISHING

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Algebra 1 (or equivalent) and Intro to Computer Science or by permission of instructor	Course length:	1 sem.

In this course, the student will learn the essentials of the Hypertext Markup Language (HTML) – the programming language used to create Web pages for the Internet. The student will also learn the basics of preparing graphic and textual documents for publication on the World Wide Web. Students will create Web pages suitable for publication. Copyright infringement and other ethics/conduct issues will be addressed as well.

INTRODUCTION TO COMPUTER SCIENCE

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	C.P. Alg. 1	Course length:	1 sem.

Introduction to Computer Science is a one-semester course that serves as an introduction to Computer Science to students of all grades. This course covers programming techniques using the Java language and the Object Oriented Programming paradigm. Topics include classes, object-Oriented programming, primitive data types, object behavior, libraries, and APIs, simple input and output, loops, decisions, recursion and Strings. Students will be introduced to the Karel J Robot class written by Joseph Bergin and use it to solve problems throughout the semester. Techniques of problem solving will be stressed heavily as well as ethics as they relate to technology.

MATH 1

Open to:	Grades 9-11	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

This class will focus on number and number relationships, with emphasis on operations of integers and rational numbers. Topics in geometry, measurement, problem solving, data analysis, probability and statistics will be covered.

MATH 2

Open to:	Grades 9-11	Credit:	1 unit
Prerequisite:	Math 1 or equivalent	Course length:	1 year

This course will be an extension of the topics of Math 1. Additional topics will include Algebraic concepts and mathematical applications.

PRE-CALCULUS WITH TRIGONOMETRY (Graphics Calculator Required)

Open to:	Grade 11-12	Credit:	1 unit
Prerequisite:	C.P. Alg. 2 or Integrated Alg.-Geom. 3 with a grade of B or better	Course length:	1 year

This course is designed to introduce selected topics that are fundamental to college-level mathematics. Topics include trigonometry, sequences, series, limits, parametric/polar equations and their graphs, and derivatives.

PROBABILITY AND STATISTICS (Graphics Calculator Required)

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Alg. 2 or C.P. Alg. 2	Course length:	1 sem.

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, and application of random sampling to probability.

ONLINE MATH COURSES

Students wishing to enroll in online courses must complete a contract in the Registrar's office.

COLLEGE ALGEBRA - ONLINE (Dual credit with the University of Colorado at Denver)

Open to:	Grades 11-12	Credit:	1/2 unit (3 college credits)
Prerequisite:	Algebra 2 with C or better	Course length:	1 sem.

Topics in algebra designed for students who intend to take calculus in college. Functions, domains, ranges, graphs, data scatter plots and curve fitting, solving equations and systems of equations, polynomial functions, rational functions, and selected other topics. Graphic calculators and/or computer algebra systems are used extensively. Applications are emphasized. Students will be responsible for paying tuition for university credit.

COLLEGE TRIGONOMETRY - ONLINE

(Dual credit with the University of Colorado at Denver)

Open to:	Grades 11-12	Credit:	1/2 unit (3 college credits)
Prerequisite:	College Algebra	Course length:	1 sem.

Topics in trigonometry, analytic geometry, and elementary functions designed for students who intend to take calculus in college. Angles and trigonometry functions of acute angles, analytic trigonometry, fundamental trigonometric functions and identities including hyperbolic trigonometry, parametric equations, and polar coordinate systems. Graphic calculators and/or computer algebra systems are used extensively. Applications are emphasized. Students will be responsible for paying tuition for university credit.

SCIENCE AND TECHNOLOGY

DIRECTIONS FOR REGISTRATION: Students should take either C.P. Physical Science or Physical Science as a prerequisite for subsequent courses in science. The minimum science requirement of two years must be satisfied by one unit each in the life sciences and physical sciences in order to meet the basic performance standards of the district 9-12 science proficiencies. To enhance understanding of health concepts, students need to take one of the four biological science courses offered. **CODES: (*) Honors, (A.P.) Advanced Placement : Courses designated with an (*) asterick receive a weighted grade.**

SCIENCE

*ADVANCED SCIENTIFIC RESEARCH HONORS

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	One year of <i>Science Research</i> . High interest and achievement in math and science and permission of instructor.	Course length:	1 year

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.

*ADVANCED PLACEMENT-BIOLOGY

Open to:	Grades 11-12	Credit:	1 ^{1/2} unit
Prerequisite:	Chemistry H, and recommendation of teacher. Application required.	Course length:	1 year

An advanced course for those students who have demonstrated the interest and ability to evaluate biological experimentation in greater depth. This course will emphasize the nature of laboratory investigation, problems and ideas about science. In addition, it will provide a framework of basic biological concepts which enables the student to reason through his experiences of the past, present, and future. 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 A.P. Biology Exam in order to receive A.P. credit.

*ADVANCED PLACEMENT CHEMISTRY

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Algebra 2 and 1 year of Chemistry H with B or better grade average or permission of instructor.	Course length:	1 year

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 A.P. Chemistry Exam given in the spring. Students will also be required to complete a summer assignment in order to take this course.

*ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Open to:	Grade 12	Credit:	1 unit
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	Course length:	1 year

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 A.P. exam in the spring.

*ADVANCED PLACEMENT-PHYSICS C

Open to:	Grades 11-12	Credit:	1 ^{1/2} unit
Prerequisite:	Simultaneous enrollment in Calculus, (preferably BC) or by special permission of instructor.	Course length:	1 year

A.P. 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 A.P. exams in the spring.

*BIOLOGY HONORS

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Algebra 2 or simultaneously in Pre-Calculus or Pre-Calculus H and Chemistry Honors Grade B or better in all previous sciences	Course length:	1 year

This course is designed for 11th and 12th grade students and 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.

*CHEMISTRY HONORS

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Grade B or better in all previous science or mathematical courses, 85% or higher in Physical Science Honors and meets the criteria of placement exam.	Course length:	1 year

This course is based on the theoretical concepts in chemistry. It emphasizes the mathematical approach in 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.

*PHYSICAL SCIENCE HONORS

Open to:	Grades 9-10	Credit:	1 unit
Prerequisite:	Completion of or simultaneous enrollment in Geometry H or higher	Course length:	1 year

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 HONORS

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Algebra 2 and simultaneous enrollment in Pre- Calculus/ Trig or *Pre-Calculus Honors	Course length:	1 year

Physics H 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.

ANATOMY AND PHYSIOLOGY

Open to:	Grades 11-12	Credit:	1 unit
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, and Chemistry is preferred; or consent of instructor.	Course length:	1 year

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.

ASTRONOMY (1st semester only)

Open to:	Grades 11-12	Credit:	1/2unit
Prerequisite:	Simultaneous enrollment or completion of Chemistry or Physics and Algebra 2	Course length:	1 sem.

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.

BIO/PHYSICAL SCIENCE 2

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Bio/Physical Science 1 or permission of instructor	Course length:	1 year

Bio/Physical Science 2 builds upon concepts developed in Bio/Physical Science 1. Further topics in biology, chemistry, earth science, and physics not covered in level 1 are investigated through a variety of lab activities. Science related careers are also discussed. This course is recommended for students having limited success in previous science courses and is not considered a college preparatory course.

BIO/PHYSICAL SCIENCE 3

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Bio/Physical Science 2 or permission of instructor	Course length:	1 year

Bio/Physical Science 3 builds upon concepts developed in Bio/Physical Science 2. The course will cover topics related to Environmental Science including, but not limited to, ecosystems, populations, water, energy, weather, and climate. This course is designed for students having limited success in previous science courses who may not be ready for the pace of Environmental Science. Bio/Physical Science 3 is not considered a college preparatory course.

COMPUTER PROGRAMMING IN SCIENCE AND ENGINEERING

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Permission of Instructor	Course length:	1 year

This course uses an individualized approach to teach computer programming skills in C++ and assembly language with a strong emphasis on using the programs for science and engineering applications. Applications will include writing programs to acquire and reduce data from computer-interfaced sensors and to control robotic devices. Introductory electronics concepts will be learned in order to construct sensors and accompanying circuitry. Programs and sensors will be tested in real experimental situations. In addition, the use of spreadsheet and other programs to manipulate, analyze, graph, and present experimental data will be covered.

C.P. BIOLOGY

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Minimum grade of C in previous science class. Simultaneously taking Algebra I, or C.P. Algebra 1, or Geometry. Grade 9 by application only.	Course length:	1 year

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.

C.P. CHEMISTRY

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Physical Science, Algebra 1, C.P. Algebra 1 with C or better grade average. No less than C grade in any previous science course taken in 9th, 10th, 11th grade or permission of instructor	Course length:	1 year

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.

C.P. PHYSICAL SCIENCE

Open to:	Grades 9	Credit:	1 unit
Prerequisite:	Completion of or simultaneous enrollment in Algebra 1 or specific consent of department coordinator.	Course length:	1 year

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.

C.P. PHYSICS

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Grade C or better in all previous science or mathematics courses, including C.P. Algebra 1 and Geometry taken in 9th, 10th or 11 th grade.	Course length:	1 year

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.

ENVIRONMENTAL SCIENCE 1 (1st Semester Only)

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	1 credit Science and 1 credit Algebra, or C.P. Algebra 1	Course length:	1 sem.

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)

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	1 credit Science and 1 credit Algebra, or C.P. Algebra 1	Course length:	1 sem.

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 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 2 may be taken before or after Environmental Science 1

GEOLOGY (2nd semester only)

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Simultaneous enrollment or completion of Chemistry and Alg. 2	Course length:	1 sem.

This is a course that examines both physical and historical geology. Topics studied will include mineral identification through physical and chemical techniques, the origin and evolution of land forms, geologic mapping, identification, and uses of fossils. Emphasis will be placed on the geology of Colorado.

INTRODUCTION TO SCIENTIFIC RESEARCH

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	High interest and achievement in math and science and permission of instructor.	Course length:	1 year

This course is an introduction to the application of the scientific method to science and mathematics research problems. It is an independent study program in which 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. Students will be expected to complete supplementary assignments which cover topics such as researching the scientific literature, designing controlled experiments, using basic statistics to analyze data, and practicing various laboratory techniques. Students will also have weekly individual conferences with their supervising teacher.

MAL SCIENCE 1 (1ST SEMESTER ONLY)

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Completed or simultaneously enrolled in two lab sciences through grade 11.	Course length:	1 sem.

Students will be allowed to plan and teach science units which are several weeks in length to a mini-class of four or five elementary children. Training and supervision will be provided by a high school faculty member 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. An application is required and is available in the Science Resource Center. A strict attendance and dress code policy are enforced.

MAL SCIENCE 2 (2ND SEMESTER ONLY)

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Completed or simultaneously enrolled in two lab sciences through grade 11.	Course length:	1 sem.

Students will be allowed to plan and teach science units which are several weeks in length to a mini-class of four or five elementary children. Training and supervision will be provided by a high school faculty member 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. An application is required and is available in the Science Resource Center. A strict attendance and dress code policy are enforced.

PHYSICS/ENGINEERING (You must register for ENGINEERING PHYSICS both courses.)

Open to:	Grades 11-12	Credit:	2 units* * 1 Sci & 1 Technology
Prerequisite:	Grade C or better in all previous science or mathematics courses, including C.P. Algebra and Geometry in 9th, 10th, or 11th grade.	Course length:	1 year 2 Periods

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 Engineering Physics and Physics/Engineering courses in order to receive proper credit.

PHYSICAL SCIENCE

Open to:	Grades 9	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

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.

SCIENTIFIC RESEARCH

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	One semester minimum of <i>Introduction to Science Research</i> . High interest and achievement in math and science and permission of instructor.	Course length:	1 year

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. Students will be expected to complete supplementary assignments, particularly the use of descriptive and inferential statistics in science research. Students will also have weekly individual conferences with their supervising teacher.

ONLINE SCIENCE COURSE

Students wishing to enroll in online courses must complete a contract in the Registrar's office.

BIOLOGY - ONLINE

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

Biology is an ecological approach to the study of life science. Students will discover the inter-relationships between organisms and the environment, how organisms are classified, and mechanisms for adaptations that lead to biodiversity. Students will perform simulations and labs at home with equipment provided.

GEOLOGY - ONLINE

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Geology will examine the earth as dynamic system. Students will examine processes for and evidence of how the earth renews itself, including weathering, erosion, and plate tectonics. Students will also learn about the costs, benefits and consequences of using energy resources. Students will perform labs at home with equipment provided.

TECHNOLOGY

With the exception of course Physics/Engineering, students will receive Practical/Fine Arts credit for courses that appear in this section.

ARCHITECTURAL DRAWING AND DESIGN

Open to: Grades 10-12 **Credit:** 1 unit
Prerequisite: Technical Drawing **Course length:** 1 year
or permission of instructor

This is a full-year course which deals primarily with domestic or residential architecture. This course includes the study of architectural styles and periods, design, new materials, building techniques, and architectural drawing. Students will design and build a model of a structure. They will be introduced to computer aided design. Drawing is especially of value to students interested in architecture, architectural engineering, interior design, the building trades, or contracting and architecture in general.

COMPUTER AIDED DESIGN

Open to: Grades 9-12 **Credit:** 1 unit
Prerequisite: None **Course length:** 1 year

This computer-aided drafting program teaches the skills that are in high demand by business and industry. The class will provide very valuable skills for anyone considering a career in architecture, engineering, or design. Students will use SolidWorks, Sketchup and Auto CAD in this class.

COMMERCIAL ARCHITECTURAL DRAWING AND DESIGN

Open to: Grades 11-12 **Credit:** 1 unit
Prerequisite: Technical Drawing or **Course length:** 1 year
Architectural Drawing

This is a second-year course which deals with commercial architecture. Some areas of design consideration are: apartments, condo complexes, sports complexes, shopping centers, ski resort areas, recreational facilities, etc.

Students will design and build a model of a structure. They will be introduced to computer aided design.

Commercial Architecture is a course designed to familiarize the student with the business and industrial aspect of the drafting and architectural design field.

COMPUTER-ASSISTED DRAFTING (CAD) (Independent Study conducted during class time)

Open to: Grades 10-12 **Credit:** 1/2 unit
Prerequisite: Technical Drawing and **Course length:** 1 sem.
instructor's approval

This course is designed for the serious student who is looking for more sophisticated work in the drafting field, who wishes to get computer experience, and who can work on an independent study basis. The major portion of this course will be on the use of CAD software and design. AUTO CAD, Sketchup and SolidWorks will be used during this course.

DIGITAL ELECTRONICS (2nd semester only)

Open to: Grades 9-12 **Credit:** 1/2unit
Prerequisite: Algebra 1 and **Course length:** 1 sem.
Physical Science

Digital electronics is intended to give students an understanding of the electronics that are used in computers and computer peripheral equipment. Knowledge of electronics is not a prerequisite to the understanding of digital electronics. Over fifty percent of class time will be spent constructing digital circuits in lab.

ELECTRONICS I (1st semester only)

Open to: Grades 9-12 **Credit:** 1/2 unit
Prerequisite: Algebra and Physical **Course length:** 1 sem.
Science

This course provides initial insight into the fields of electricity and electronics. Students will learn to operate basic meters and equipment used in the area of electronics such as voltmeters and oscilloscopes. A large percentage of the class is spent with hands on labs and construction of electronic projects.

ELECTRONICS 2 (2nd semester only)

Open to: Grades 9-12 **Credit:** 1/2unit
Prerequisite: Electronics 1 or **Course length:** 1 sem.
Instructor's permission.

This course is designed for those students interested in the field of electronics. Students will study semiconductors and their applications. Topics to be covered include amplifiers, op-amps, and digital circuits. Students will construct several projects using solid state circuitry.

ENGINEERING PHYSICS (You must register for PHYSICS/ENGINEERING both courses.)

Open to: Grades 11-12 **Credit:** 2 units*
Prerequisite: Algebra 1, Geometry **Course length:** 1 year
and 1 yr of a lab science **Course length:** 1 year
1 Technology/
2 periods

Engineering Physics 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 Engineering Physics and Physics/Engineering courses in order to receive proper credit.

TECHNICAL DRAWING

Open to: Grades 9-12 **Credit:** 1 unit
Prerequisite: None **Course length:** 1 year

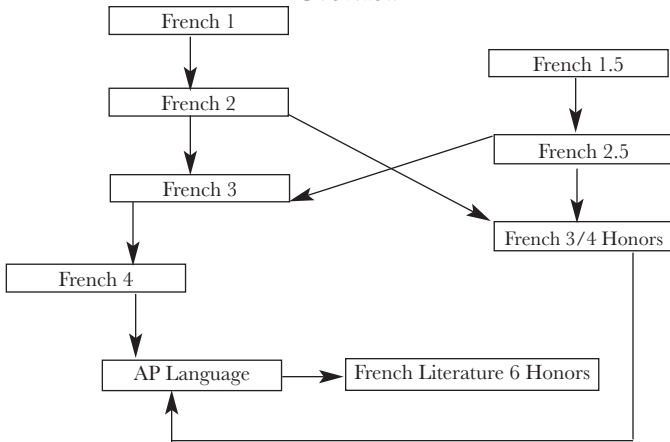
This course is an introduction to subsequent drawing classes. Students who have had drafting in the middle school start at a more advanced level than the beginning students. Students learn to read and make many types of drawings used in industry and will be introduced to computer aided design (CAD) software. Students learn the fundamentals of drafting, then apply this knowledge to the making of working drawings in mechanical and architectural drafting. Mechanical drawing develops traits of neatness and accuracy and is of great value to students entering the fields of engineering, architecture, science, design, interior decorating, carpentry, mechanics, and all industrial areas in general.

FOREIGN LANGUAGE

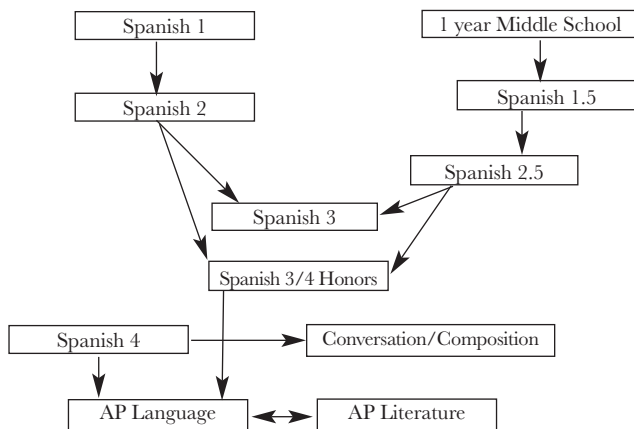
IMPORTANT NOTE: A student who enrolls in level two or three of a foreign language and, during the year, chooses to move back to level 1-0 or 2-0 is strongly urged to discuss with the department coordinator the impact that change will have on his/her Foreign Language credits. Foreign Language courses are designed for non-native speakers; however native speakers may be given a diagnostic test and placed at appropriate levels if they wish to enroll. **CODES: (*) Honors, (A.P.) Advanced Placement : Courses designated with an (*) asterisk receive a weighted grade.**

Cherry Creek High School French Department Course

Overview



Cherry Creek High School Spanish Department Course Overview



*Other placements possible upon teacher recommendation

*ADVANCED PLACEMENT - CHINESE

Open to: Grades 11-12
Prerequisite: Three to Four years of Chinese or recommendation of the Chinese Teacher
Credit: 1 unit
Course length: 1 year

Students will study second-year level college material to prepare for the AP exam in May. Emphasis is on interpersonal skills, interpretation of spoken and written Chinese, and a knowledge of Chinese culture.

*ADVANCED PLACEMENT - FRENCH LANGUAGE

Open to: Grades 11 - 12
Prerequisite: Four years of French and approval of French 4 teacher
Credit: 1 unit
Course length: 1 year

The studies in this course are those required for students to prepare to take the A.P. Language Exam in the spring. Emphasis is on speaking, writing, reading, comprehension and listening.

*ADVANCED PLACEMENT - GERMAN

Open to: Grades 11-12
Prerequisite: Four years of German and teacher approval
Credit: 1 unit
Course length: 1 year

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

*ADVANCED PLACEMENT - LATIN

Open to: Grades 11-12
Prerequisite: Four years of Latin or teacher approval
Credit: 1 unit
Course length: 1 year

This course prepares students for the A.P. Latin exam in the spring. Students read, translate, analyze, and interpret Vergil's *Aeneid* in the original Latin and study the cultural and historical context of the work.

*ADVANCED PLACEMENT - SPANISH LANGUAGE

Open to: Grades 11-12
Prerequisite: Four years of Spanish and approval of Spanish 4 teacher
Credit: 1 unit
Course length: 1 year

Students are prepared to take the A.P. Language Exam in the spring. Focus is on speaking, reading comprehension, listening, and written expression. Grammar is also reviewed. Extensive oral discussion and in-depth study of Hispanic culture as well as study of short stories, novels, and plays are important components of this course.

*ADVANCED PLACEMENT - SPANISH LITERATURE

Open to: Grades 11-12
Prerequisite: Four years of Spanish and approval of Spanish 4 teacher
Credit: 1 unit
Course length: 1 year

Students are prepared to take the A.P. 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 HONORS

Open to: Grades 9-12
Prerequisite: Two years of Chinese and teacher recommendation
Credit: 1 unit
Course length: 1 year

Increased emphasis is placed on oral development 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.

*CHINESE 4 HONORS

Open to: Grades 9-12
Prerequisite: Three years of Chinese and teacher recommendation
Credit: 1 unit
Course length: 1 year

This course is designed to give college-bound students the opportunity to refine their skills in the language. Students will review characters and structures from all previous levels and at the same time be presented with many more new characters and sentence patterns. Students will also be able to demonstrate cultural appropriateness through both spoken and written discourse.

*FRENCH LITERATURE 6 HONORS

Open to: Grades 11-12
Prerequisite: AP French Language
Credit: 1 unit
Course length: 1 year

This course is a rigorous introduction to representative works of French and Francophone prose, poetry, and drama from a variety of historical periods. Students enrolling in this course must have already successfully completed AP French Language.

*FRENCH 3/4 HONORS

Open to: Grades 9-12
Prerequisite: French 2 or French 2.5 and Teacher recommendation
Credit: 1 unit
Course length: 1 year

This course is a compilation of French 3 and 4. It is designed for those students in French 2 or 2.5 who plan to continue the following year to A.P. French. 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. Placement test required.

*GERMAN 3/4 HONORS

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	German 2 and Instructor Approval	Course length:	1 year

This course is accelerated due to the quantity of material covered. It is designed for students of German 2 who plan to continue the following year to AP German. German 3 and German 4 materials are covered as well as advanced readings and culture.

*LATIN 3/4 HONORS

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Two years of Latin	Course length:	1 year

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

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Spanish 2 or Spanish 2.5 and Teacher Recommendation	Course length:	1 year

This is a compilation of Spanish 3 and 4. It is designed for those students in Spanish 2 or 2.5 who plan to continue the following year to A.P. Spanish. The course is conducted in Spanish and focuses on mastery of the four skill areas and all the grammar studied in Spanish 3 and 4. Placement test required.

CHINESE 1

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

This is a challenging program designed for students with 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.

CHINESE 2

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	One year of Chinese and teacher recommendation	Course length:	1 year

This course continues the studies of Chinese 1 with an added emphasis on the speaking ability in Mandarin. Students build an active vocabulary, continue to memorize hundreds of characters, and enhance their cultural awareness.

FRENCH 1

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

The latest proficiency-based materials and methods are used to achieve an elementary level of the basic language skills of listening, speaking, reading, and writing in French. An introduction to the French culture is presented in the classroom materials as well as in supplementary activities.

FRENCH 1.5

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	One semester of French	Course length:	1 year

This course is designed for middle school students who have successfully completed one full year of level 1 and mastered basic concepts. It is also designed for current high school students who showed proficiency the first semester of French 1, but need to improve their mastery of second semester concepts. It replaces the grade from the repeated semester. Since the curriculum for this course includes the last half of level 2, students should elect to continue with 2.5 to avoid losing 1/2 credit.

FRENCH 2

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	One year of French	Course length:	1 year

In this course emphasis is continued in the use of proficiency-based materials in order to develop the skills of listening and speaking French. The skills of reading and writing also receive added emphasis. A number of supplementary audio-visual materials are used to provide a variety of in-class activities and to continue the study of French culture. Authentic materials are used to increase reading proficiency.

FRENCH 2.5

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Three semesters of French	Course length:	1 year

This course is designed for students who have completed one semester of French 2 or all of French 1.5. Conversations, readings, and cultural activities are emphasized. Class is conducted primarily in French to improve communicative competence. Changing to level 2 will result in losing 1/2 credit except for those students entering from level 1, but replaces the grade from the repeated semester.

FRENCH 3

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Two years of French	Course length:	1 year

In this course, there is a continued use of proficiency-based materials for all four skills with an emphasis on the development of reading and writing skills. Grammar tenses and other important grammatical concepts will be studied and a short novel will be read.

FRENCH 4

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Three years of French or equivalency exam.	Course length:	1 year

The fourth level of French places emphasis on polishing and expanding skills acquired in previous levels of French. The course stresses vocabulary building through oral discussion, reading and composition. The course is conducted entirely in French. Various aspects of French civilization will be studied as well as an exploration of Francophone countries.

GERMAN 1

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

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.

GERMAN 2

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	One year of German	Course length:	1 year

In this course emphasis is continued in the use of 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.

LATIN 1

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

Latin is the mother of 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 improving one's English vocabulary. Latin is especially valuable for students interested in science, medicine, and law, as these fields use Latin for much of their terminology. In Latin 1, emphasis is placed on vocabulary, grammar, translation skills, Greek and Roman mythology, ancient history, and culture. Throughout the course students are encouraged to make connections between Latin and English — by studying derivatives and grammar patterns — and between ancient and modern culture.

LATIN 2

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	One year of Latin	Course length:	1 year

This course builds upon the knowledge of vocabulary and word forms begun in Latin 1 and continues the study of grammar needed to read authentic Latin texts offered in Latin 3/4 H. Students improve translation skills through various readings and continue the study of mythology, history, and culture. Comparisons with English grammar and derivatives will continue to be emphasized.

SPANISH 1 X A
SPANISH 1 X B

Open to: Grade 10
Prerequisite: Approval of counselor or case manager
Credit: 1/2 unit
Course length: 1 sem.

The latest in proficiency-based materials and methods are used to achieve basic language skills of listening, speaking, reading, and writing in Spanish. The curriculum is identical to that of Spanish 1 but will be taught over 1 1/2 years. The following year students will complete Spanish 1 and progress to Spanish 2. It is important to note that Spanish 1 and 2 will be offered over a 3 year period, six semesters. Level 2 will be offered the second half of grade 11 and all of grade 12.

SPANISH 1 X C

Open to: Grade 11
Prerequisite: Approval of counselor or case manager
Credit: 1/2 unit
Course length: 1 sem.

The latest in proficiency-based materials and methods are used to achieve basic language skills of listening, speaking, reading, and writing in Spanish. The curriculum is identical to that of Spanish 1 but will be taught over 1 1/2 years. The following year students will complete Spanish 1 and progress to Spanish 2. It is important to note that Spanish 1 and 2 will be offered over a 3 year period, six semesters. Level 2 will be offered the second half of grade 11 and all of grade 12.

SPANISH 1

Open to: Grades 9-12
Prerequisite: None
Credit: 1 unit
Course length: 1 year

The latest in 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.

SPANISH 1.5

Open to: Grades 9-12
Prerequisite: One semester of Spanish or one year in middle school
Credit: 1 unit
Course length: 1 year

This course is designed for middle school students who have successfully completed one full year of level 1 and mastered basic concepts. It is also designed for current high school students who showed proficiency the first semester of Spanish 1, but need to improve their mastery of second semester concepts. Since the curriculum for this course includes the last half of level 1 and the first half of level 2, students should elect to continue with 2.5 to avoid losing 1/2 credit, replaces grade from repeated semester.

SPANISH 2 X A

Will be offered beginning 2011-12 school year

Open to: Grade 11
Prerequisite: Approval of counselor or case manager
Credit: 1/2 unit
Course length: 1 sem

The latest in proficiency-based materials and methods are used to achieve basic language skills of listening, speaking, reading, and writing in Spanish. The curriculum is identical to that of Spanish 2 but will be taught over 1 1/2 years. It is important to note that Spanish 1 and 2 will be offered over a 3 year period, six semesters. Level 2 will be offered the second half of grade 11 and all of grade 12.

SPANISH 2 X B

SPANISH 2 X C

Will be offered beginning 2011-12 school year

Open to: Grade 12
Prerequisite: Approval of counselor or case manager
Credit: 1/2 unit
Course length: 1 sem

The latest in proficiency-based materials and methods are used to achieve basic language skills of listening, speaking, reading, and writing in Spanish. The curriculum is identical to that of Spanish 2 but will be taught over 1 1/2 years. It is important to note that Spanish 1 and 2 will be offered over a 3 year period, six semesters. Level 2 will be offered the second half of grade 11 and all of grade 12.

SPANISH 2

Open to: Grades 9-12
Prerequisite: One year of Spanish or two full years in middle school.
Credit: 1 unit
Course length: 1 year

Proficiency-based materials are used to further develop the four language skills and understanding of the Hispanic culture. Classes are conducted primarily in Spanish to improve communicative competence.

SPANISH 2.5

Open to: Grades 9-12
Prerequisite: Three semesters of Spanish
Credit: 1 unit
Course length: 1 year

This course is designed for students who have completed one semester of Spanish 2 or all of Spanish 1.5. Conversations, readings and cultural activities are emphasized. Class is conducted primarily in Spanish to improve communicative competence. Changing to level 2 will result in losing 1/2 credit and replaces grade from repeated semester.

SPANISH 3

Open to: Grades 9-12
Prerequisite: Two years of Spanish
Credit: 1 unit
Course length: 1 year

Students should consider level three as a minimum for learning a second language. Spanish 3 is designed to introduce grammatical points not studied previously as well as to expand vocabulary, increase reading comprehension, and focus on Hispanic culture. Class is conducted in Spanish.

SPANISH 4

Open to: Grades 9-12
Prerequisite: Three years of Spanish
Credit: 1 unit
Course length: 1 year

The fourth level of Spanish places emphasis on polishing and expanding skills acquired in previous levels of Spanish. The course stresses vocabulary building through reading, oral discussion, and composition. Students will be introduced to some major authors of Spanish literature through the reading of short stories and plays. Various aspects of Spanish civilization will be studied. The class is conducted entirely in Spanish.

SPANISH CONVERSATION AND COMPOSITION

Open to: Grades 11-12
Prerequisite: 3 years of Spanish
Credit: 1 unit
Course length: 1 year

This is a year long class for advanced Spanish students who have successfully completed Spanish 4 or Spanish AP Language. 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 (current events) and conversation (oral presentations) and teacher initiated composition. This class is meant to be 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.

FINE ARTS, CREATIVE ARTS, TECHNOLOGY

(Technology course descriptions can be found on page 14.)

CODES: (*) Honors, (A.P.) Advanced Placement : Courses designated with an (*) asterick receive a weighted grade.

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

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Successful prior band experience	Course length:	1 year

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

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Audition by instructor	Course length:	1 year

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

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Audition by instructor	Course length:	1 year

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

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Audition by instructor	Course length:	1 year

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 will be taught in this course. Performances are required and are a significant portion of semester grades.

JAZZ BAND 1

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Audition only. Auditions occur in March	Course length:	1 year

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.

JAZZ BAND 2

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Audition only. Auditions occur in March	Course length:	1 year

See course Jazz Band 1 for description.

SYMPHONIC ORCHESTRA

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Audition required	Course length:	1 year

Symphonic Orchestra is a limited-membership course designed to acquaint more serious-minded instrumental students with the many phases and aspects of orchestra literature and performance. These would include an acquaintance of the literature from full symphonic repertoire to contemporary and chamber music literature. History, theory and stylistic issues will be introduced. Literature will include late renaissance, early baroque through romantic and modern literature. Several local and state orchestral organizations are open to those students enrolled in orchestra. There will be occasional evening rehearsals and outside concerts for which attendance is mandatory.

CONCERT ORCHESTRA

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Successful prior orchestra experience	Course length:	1 year

Concert Orchestra offers an educational and performance outlet for student string players of all levels. A minimum of four concerts are played during the year. Students will be exposed to string techniques associated with large ensemble performance including listening techniques, tuning, intonation, dynamics and performance practice. History, theory and stylistic issues will be introduced. Literature will include music from all periods in music history - baroque, classical, romantic, and 20th century. Attendance at occasional evening and outside concerts mandatory. Students should have at least two years experience playing in an orchestra.

VOCAL MUSIC/OTHER MUSIC COURSES

STATESMEN

Open to:	Grade 9	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

This is a male chorus of 20-60 voices. The emphasis of this course is to offer the student an understanding of choral music from the major periods in history to the present and its aesthetic value while developing good vocal techniques. Open to any 9th grade male. This course is highly suggested for those who wish to sing in the program for grades 10-12. Students will perform concerts throughout the school year. Students are expected to purchase a performance outfit.

CHORALAIRES

Open to:	Grade 9	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

This is a female chorus of 55-90 voices. The emphasis of this course is to offer the student an understanding of choral music from the major periods in history to the present and its aesthetic value while developing good vocal techniques. Open to any 9th grade female. Students are expected to purchase a performance outfit.

A CAPPELLA CHOIR

Open to:	Grade 10-12	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

This course is for 75-125 male and female voices who wish to study and perform in the area of choral music. The emphasis of this course is to expose the student to the performing art of choral music. Open to all interested sophomores, juniors, and seniors. Students will study proper techniques of good vocal production and music from all major style periods. Students will perform in 5 seasonal concerts per year. Students are expected to purchase a performance outfit.

MEISTERSINGERS

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Audition by instructor	Course length:	1 year

This course is for 30-50 selected male and female voices who wish to study in the area of choral music. The course emphasizes professional standards of choral music in the areas of literature, history, theory, and proper singing techniques. Students perform at various concerts throughout the school year and are required to participate in extra rehearsals outside the school day.

GIRLS' 21

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Audition by instructor	Course length:	1 year

This course is for 30-50 selected female singers who wish to study in the area of choral music. The emphasis of this course is to expose the students to professional standards of vocal music in the area of literature, musical knowledge, and proper singing techniques. Students perform at various outside concerts and are required to participate in extra sectional rehearsals throughout the school year.

TROUBADOURS

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Successful prior choir experience and spring audition	Course length:	1 year

The goal of the choir is to prepare music for concert performance and continue building musical literacy and is geared toward intermediate to advanced high school level male singers. The choir's curriculum will extend students' joy and satisfaction of performing music in an advanced men's choir environment. Students are expected to improve their level of proficiency and to function as a member of the choir by coming to class and performances prepared to fulfill their performance obligations.

UNION STREET JAZZ CHOIR

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Audition by instructor	Course length:	1 year

This course is for 15-20 singers and a rhythm section. The emphasis of the course is to expose these students to the professional standards of vocal jazz in the area of literature, basic musical knowledge, and proper stylization for performing for public audiences. There will be extra required rehearsals. Concurrent membership in another major performing group is required.

VOICE

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

The emphasis of this course is to expose the student to the basic techniques of solo singing with emphasis on posture, breathing, tone quality and diction. These concepts are taught through performance solos. A thorough study and performance of musical theatre, jazz, pop, and classical styles are included.

MUSIC AND SONG WRITING

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

Music and Song Writing, formerly known as Music Tech Lab, is designed for the student who wishes to pursue the craft of today's song writing. The course emphasizes the basics of music notation literacy, chord structure, chord changes and popular formulas ranging from classic rock singer-song writers to current artists we may have on our iPods. Although your projects/compositions include adhering to specific song writing components, the student directs the style of music he/she wants to write.

PIANO

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Basic Reading Skills or permission from instructor	Course length:	1 year

Piano is designed to serve as a general piano class emphasizing basic keyboard technique through the medium of the piano in conjunction with the necessary fundamentals of reading music and music theory. This is open to and would be suitable for any student wishing to learn how to play the piano, or to improve skills, whether a beginner, intermediate, or advanced.

*ADVANCED PLACEMENT - MUSIC THEORY

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Approval by instructor	Course length:	1 year

AP Music Theory is designed for the more serious music student who plans on pursuing music studies at the college level. The course emphasizes fluency with music's fundamentals of music 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.

THEATER

BEGINNING ACTING

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This one-semester course is a survey of all the crafts and disciplines of theater and serves as a basis for further courses in acting and directing. This course studies storytelling, mime, improvisation, various types of plays, and elements of production. Students will write scripts, read and evaluate plays, and perform scenes from a variety of plays. Students will receive written or oral critiques after each performance.

INTERMEDIATE ACTING

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Beginning Acting	Course length:	1 year

This is a performance course. Students are daily involved in creating body movements, improvisations, monologues and acting scenes. Intermediate Acting is divided into parts:

- Part I - Basic techniques of body movement to limber the body and use it creatively.
- Part 2 - Development of skills of improvisation techniques and stage movements to prepare for monologues and acting scenes.
- Part 3 - Emphasis is on scene work—memorizing lines, blocking a scene from a play, developing a character and acting the scene for the class and parents. Teacher and class critiques will be held as a method of evaluation.

ADVANCED ACTING

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	By audition or consent of instructor	Course length:	1 year

Advanced acting is for the serious student who wishes to further polish the skills learned in previous acting classes. This course will focus on advanced levels of character development and scene analysis. Actors will perform a one-act and full length play under the direction of a student. The plays will be presented for classmates and critiqued by the students and teacher. The plays will be presented for appropriate classes during school and evening public performances.

DIRECTING

Open to:	Grade 12	Credit:	1 unit
Prerequisite:	By audition or consent of instructor	Course length:	1 year

This course is a practical application of experience gained in the prerequisite courses. Each student will direct two plays assuming all directorial responsibilities. Plays will be presented to the public in evening performance. Student directors also must develop a set, gather props and costumes, and set lights.

TECHNICAL THEATRE I

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Strong interest in theatre	Course length:	1 sem.

This course will give theatre students a hands-on survey of all aspects of technical theatre. Guest artists will demonstrate the skills needed in set design and construction, lighting design, costume construction and design, stage makeup, and scenic painting. Students will be encouraged, but not required, to participate in our mainstage productions. This course will be individualized so that experienced technical theatre students will be challenged.

VIDEO PRODUCTION I

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This course is a hands-on introduction to the world of video production. Students will produce a variety of short films. They will learn many aspects of video production such as filming, nonlinear editing, script writing, storyboarding, and basic copyright and first amendment law and ethics. At the end of the semester each student will produce a DVD with all of their projects. Course materials include a number of consumables. Students are expected to provide their own consumables which will amount to \$10.00.

VIDEO PRODUCTION II

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Video Production I	Course length:	1 sem.

This class is the second semester of video production. Students will work on more advanced aspects of video production such as script writing, filming, and editing techniques, motion graphics and animation, lighting, and audio editing. Course materials include a number of consumables. Students are expected to provide their own consumables which will amount to \$10.00.

ADVANCED VIDEO PRODUCTION

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Video Production II or Instructor's Approval	Course length:	1 year

This course is for students who already have basic video production skills. In this course students will learn advanced script writing, filming, lighting, audio, computer editing, and motion graphics techniques. Specific software includes Final Cut Pro, After Effects, Photoshop, Illustrator, Peak DV, and Pro Tools. Students will produce videos for broadcast on the CCHS in-school network, Greenwood Village Channel 8, and for submission to film festivals and film schools.

ART

DRAWING AND DESIGN 1

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

A course in drawing, composition and design which serves as an introductory course. We will explore a wide range of art experiences and media. Included in the course will be units in the principles and elements of artistic composition. Students will explore a variety of media as a means of extending self expression, while advancing their skill level(s). Historical and cultural perspectives will be examined to assist in this process. Expenditures for project supplies will not be incurred for projects completed in our foundation drawing course, Drawing and Design 1. Students are expected to provide their own consumables which will amount to \$5.00.

DRAWING AND DESIGN 2

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Drawing and Design I or instructor approval	Course length:	1 sem.

A course designed for the student interested in developing skills in drawing. Drawing will be primarily from observation. A variety of media will be explored. Course materials include a number of consumables. Students are expected to provide their own consumables which will amount to \$15.00.

ADVANCED DRAWING

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Drawing and Design 2 or instructor approval	Course length:	1 sem.

A course designed for the further development of observation skills as established in Drawing and Design 2.

Advanced Drawing may be taken for two semesters. Students will explore a variety of media as a means of extending self expression, while advancing their skill level(s). Historical and cultural perspective will be examined to assist in this process. Course materials include a number of consumables. Students are expected to provide their own consumables which will amount to \$15.00.

LIVE FIGURE DRAWING

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Drawing and Design 2 or instructor approval	Course length:	1 sem.

To be able to draw the human figure and face is one of the most difficult challenges for an artist and is also one of the most important abilities that he/she should develop. This class is strongly recommended for anyone considering art as a college major. The entire semester will be spent working from a clothed model using pencil, charcoal, conte crayon, and pastels. Course materials include a number of consumables. Students are expected to provide their own consumables which will amount to \$15.00.

SCULPTURE I

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Drawing and Design 1	Course length:	1 sem.

Sculpture I is an exploratory class that emphasizes creative expression through the realm of three-dimensional form. Various media will be considered such as paper, cardboard, wood and metal fabrication for the additive and subtractive processes. Historical and cultural perspectives will be examined to assist in this process of discovery and creation. Course materials include a number of consumables. Students are expected to provide their own consumables which will amount to \$20.00.

PAINTING 1

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Drawing and Design 1 & 2	Course length:	1 sem.

A course designed to give a broad experience in color and composition through the use of acrylics, oils, watercolors and collage. Still life, landscape and figurative subjects will be emphasized using both realistic and abstract interpretations. Course materials include a number of consumables. Students are expected to provide their own consumables which will amount to \$20.00.

PAINTING 2

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Painting 1	Course length:	1 sem.

This course emphasizes the imaginative use of materials and ideas as developed in Painting 1, in addition to further study in watercolor and collage/construction techniques. Students will independently explore themes and media of their choice. Course materials include a number of consumables. Students are expected to provide their own consumables which will amount to \$20.00.

CERAMICS I

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This is a beginning level course for students interested in working with clay. Students will learn the techniques and processes involved in hand building and wheel throwing. Course materials include a number of consumables. Students are expected to provide their own consumables which will amount to \$20.00.

CERAMICS II

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Ceramics I	Course length:	1 sem.

This is an advanced level course for students interested in exploring clay at a more conceptual level. Students will use the basic skills and techniques learned in Ceramics I, as well as new techniques such as glaze formulation, loading and firing a kiln and mold making. This course will allow students to express ideas and concepts with regard to sculptural form. Course materials include a number of consumables. Students are expected to provide their own consumables which will amount to \$20.00.

ARTISANS' WORKSHOP

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Drawing & Design 1 & 2 & Painting 1. Advanced or Live Figure Drawing strongly recommended	Course length:	1 sem*

A course designed to give the serious art student a broad base of experiences so that he/she will be fully prepared to compete in the art program of any college, university or art school. A student would have to have taken two or more art courses and show mature and serious interest in the arts.

The emphasis will be on new experiences, supreme effort and quality product. Students will select choices of exploration from their own areas of interest. Some choices will require that students provide their own tools and materials. A student may touch many areas or specialize in one or two. An additional offering in this course will be the preparation of a portfolio which is so important for entrance to art schools and for scholarship applications.

Objective: To provide a room, an hour, an atmosphere, and a teacher where the serious art student can feel he has studio space in which he can more fully develop his artistic abilities, and where he can be exposed to many various media and techniques as he watches the students around him do their own work. Course materials include a number of consumables. Students are expected to provide their own consumables which will amount to \$25.00.

*May be taken for four semesters maximum.

*ADVANCED PLACEMENT - STUDIO ART

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Permission of instructor, Drawing & Design 1 & 2 & Painting 1. Advanced or Live Figure Drawing strongly recommended	Course length:	1 year

A college-level course culminating in the preparation and submission of a portfolio for college credit. Intended for highly-motivated students who are committed to achieving quality, intensifying their concentration, and developing breadth. Portfolios will be submitted to A.P. judges in May. Course materials include a number of consumables. Students are expected to provide their own consumables which will amount to \$35.00 per semester. AP Studio Art may be taken more than one year, but the student must submit a different category of portfolio during the second year. Additionally, space is limited so priority is given to seniors who are taking the course for the first time.

*ADVANCED PLACEMENT - 3-D STUDIO ART

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Jewelry & Metals 1,2,	Course length:	1 year
Recommended:	Jewelry & Metals Workshop		

AP 3-D students will spend the year furthering their skills in the study of 3-D issues. These issues can be explored through additive, subtractive, and/or fabrication processes; figurative or non-figurative sculpture; architectural models; jewelry -- both fabricated and cast; site specific work; and constructed form. A variety of materials may serve as media; plaster, foam, string, wood, metals, stone, found objects, clay, paper, wax, and many more.

Students are required to develop and define an area of concentration for the portfolio, and to expand this topic through study and process. Within the portfolio, students must create between 18-24 pieces of original artwork, fulfilling the following requirements.

*ADVANCED PLACEMENT - ART HISTORY

Open to:	Grades 11-12	Credit:	1 unit*
Prerequisite:	None	Course length:	1 year*

A.P. 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, 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, notecard completion, and occasional research projects and essays.

*1 unit Fine Arts credit, OR 1/2 unit Fine Arts and 1/2 unit Social Studies credit if enrolled for full year. Students must notify Registrar to request Social Studies credit.

PHOTOGRAPHY 1

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This course offers instruction and experiences in the technical and aesthetic concerns of photography. Students will learn to operate a camera and variety of other equipment to create photographic images. Art production will cover a variety of approaches with specific emphasis placed on the use of black and white film and darkroom procedures. The class will also address the history of photograph through group and individual student research. Course materials include a personal camera (there are a limited number for rent) and some consumables such as film and print papers.

PHOTOGRAPHY 2

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Photography 1	Course length:	1 sem.

Photography 2 refines and expands the concepts, processes, and techniques taught in Photo 1. The expanded teaching of darkroom and lab techniques will allow the student an opportunity to explore manipulative and non-traditional approaches to image making. The student will receive instruction in digital photography, imaging, and editing using Adobe Photoshop. Course materials include a personal camera (there are a limited number for rent) and some consumables such as film and print papers.

ADVANCED PHOTOGRAPHY WORKSHOP

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	Photography 1 and 2	Course length:	1 sem.

This course allows students the opportunity to explore, expand, and experiment using the medium of photography. Building on the technical and aesthetic experiences of Photo 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 personal film camera (there are a limited number for rent) and some consumables such as film and print papers.

JEWELRY & METALS 1

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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 metalsmithing. Historical and cultural perspectives will be examined to assist in this process of discovery and creation.

Students must be prepared to purchase consumable materials; average cost expenditure of \$15.00.

JEWELRY & METALS 2

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Jewelry & Metals 1	Course length:	1 sem.

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 must be prepared to purchase consumable materials; average cost expenditure of \$15.00.

JEWELRY & METALS WORKSHOP

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Jewelry & Metals 2 and consent of instructor	Course length:	1 sem.

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 metalsmithing. New materials and processes will be considered as well.

Students must be prepared to purchase consumable materials; average cost expenditure of \$20.00.

MAL - FINE ARTS

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Counselor recommendation	Course length:	1 sem.

This course will integrate high needs students and typical peers in a cooperative exploration of the fine arts (visual art, music, theater, video production). Typical peers will learn, alongside their high needs partners, the skills and concepts covered in class and will also serve to help their partners learn and perform tasks in class. This course is ideal for students who are interested in working with special needs students. The course will include basic concepts and skill acquisition in the areas of drawing, painting, ceramics, video editing, playing musical instruments and acting.

Students may also receive Fine/Practical Arts credit for Technology courses. Please refer to page 14 for Technology course descriptions.

BUSINESS AND FAMILY AND CONSUMER SCIENCES CAREER EDUCATION

SUGGESTED CLASS SEQUENCE

<u>Course</u>	<u>Length</u>	<u>Level</u>	<u>Prerequisite</u>
MARKETING SEQUENCE			
Marketing 1 (DECA)	Year	11	Computer Applications*
Marketing 2 (DECA)	Year	12	Introduction to Business*
Yearbook	Year	10-12	Marketing 1 or Coop Instructor Approval None
*Course recommended, but not required.			
COMPUTER INFORMATION SEQUENCE			
Introduction to Business	Sem	9-10	None
Computer Applications	Sem	9-12	None
Advanced Computer App.	Sem	9-12	Computer Applications or Instructor Approval
Yearbook	Year	10-12	None
ACCOUNTING SEQUENCE			
Introduction to Business	Sem	9-10	None
Accounting 1	Year	9-12	None
Accounting 2	Year	10-12	Accounting 1
Yearbook	Year	10-12	None
MANAGEMENT SEQUENCE			
Introduction to Business	Sem	9-10	None
Business and Personal Finance	Sem	10-12	Introduction to Business*
Business Law 1	Sem	11-12	None
Business Law 2	Sem	11-12	None
*Course recommended, but not required.			
HEALTH OPTION (Must complete both courses to waive the health requirement)			
Foods & Nutrition	Sem	9-12	None
Contemporary Relationships	Sem	10-12	None
DESIGN SEQUENCE			
Fashion/Interior/Culinary	Sem	9-12	None
Interior Design 1: Residential	Sem	10-12	None
Interior Design 2: Commerical	Sem	10-12	Interior Design 1: Residential
HUMAN STUDIES			
Child Development	Sem	10-12	None
Contemporary Relationships	Sem	10-12	None
ACE COOP SEQUENCE			
ACE Cooperative Career Development	Year	12	Computer Applications
ACE Cooperative Career Work	Year	12	Class

COMPUTER APPLICATIONS: This class is STRONGLY RECOMMENDED for all students during their 9th or 10th grade year to assist with document processing and preparing presentations for high school, college, and career requirements. Some colleges require 1 year of computer applications.

ACCOUNTING 1

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	None	Course length:	1 year

Accounting 1 is an introductory course designed to acquaint students with the accounting cycle and an understanding of the role accounting plays in the ongoing operation of a business. During this year-long class, students will learn the fundamentals of accounting using a sole proprietorship and corporation as a basis for study. Students will develop an understanding of business activities by recording and summarizing basic accounting transactions, preparing financial statements, payroll records, income tax forms, and interpreting financial statements as part of the management decision-making process. A combination of manual and PC-based automated accounting systems will be used. This course is the first in a two-year program. Students who elect to complete the two-year program will receive community college credit. **Students are encouraged to join FBLA (Future Business Leaders of America).**

ACCOUNTING 2 Concurrent Enrollment

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Accounting 1 and Instructor Approval	Course length:	1 year

This course aligns with the Colorado Community College course Accounting Principles I (ACC 121). Students will earn high school credit while at the same time enroll in and earn community college credit with the opportunity of transferring credit to a four-year university. In this course, students learn the fundamentals of accounting using sole proprietorships, partnerships, and corporations organized as service providers, merchandising, and manufacturing concerns. Students develop an understanding of business activities by recording and summarizing business transactions, preparing financial statements, payroll records, and financial analysis of business data. A combination of manual and PC-based automated accounting systems will be used. **Students are encouraged to join FBLA (Future Business Leaders of America).**

A.C.E.: CLASS

Open to:	Grade 12 (11th with permission)	Credit:	1 unit
Prerequisite:	Application	Course length:	1 year

This program is designed to link classroom instruction with a required career experience. Classroom instruction will cover topics such as: finding and keeping a job, personality development for work, career planning, and personal finance. Evaluation for classroom instruction will be by letter grade, and evaluation of work experience will be pass/fail. In order to receive proper credit students must enroll for both course class and work.

A.C.E.: WORK

Open to:	Grade 12 (11th with permission)	Credit:	2 units
Prerequisite:	Application	Course length:	1 year

Students may select from a variety of career fields to meet the required work experience. Students must successfully complete the required hours of paid work each semester and pass the related class in order to receive credit. In order to receive proper credit, students **must** enroll for both the class and work piece.

ADVANCED COMPUTER APPLICATIONS

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Computer Applications or Instructor Approval	Course length:	1 sem.

This course provides extensive experience with popular software used in business and on college campuses. Applications include Microsoft Word, Excel, Access, PowerPoint, Publisher, Dreamweaver and the Internet. Programming is not taught. This course is recommended for the college-bound student. **This course meets the computer technology requirements for many colleges and universities. Students are encouraged to participate in Future Business Leaders of America (FBLA) and its competitions related to this class.**

BUSINESS LAW 1 Concurrent Enrollment

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This course aligns with the Colorado Community College course Business Law 1 (BUS 221). Students will earn high school credit while at the same time enroll in and earn community college credit with the opportunity of transferring credit to a four-year university. Business Law 1 will address legal topics concerning business and the individual. Topics of discussion will include contracts (e.g. renting an apartment, buying a car, obtaining a credit card, laws affecting minors, fraud), negligence (e.g. slipping/falling, car accidents), intentional torts (e.g. trespassing, defamation, assault, battery, invasion of privacy), civil procedure (e.g. trial process), crimes, constitutional law and the court systems, intellectual property law, employment law, credit, and ethics/social responsibility. The course will also include guest speakers and law-related movies and/or videos illustrating the legal topics discussed in the classroom. According to the Princeton Review, the #1 college major in the United States is Business. **Students are encouraged to join FBLA (Future Business Leaders of America).**

BUSINESS LAW 2

Open to:	Grades 11-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Business Law 2 will reinforce those concepts presented in Business Law 1 and teach the student new legal topics focusing on the laws relating to the landlord/tenant relationship, automobile insurance, employment contracts, consumers (such as laws preventing false advertising, and labeling of products), laws pertaining to the transfer of property during life and death (such as Wills/Trusts), and laws pertaining to the formation and operation of businesses such as sole-proprietorships, corporations, s-corporations, partnerships, and limited liability companies. The course will also include guest speakers and law-related videos illustrating the legal topics discussed in the classroom. **Students are encouraged to participate in Future Business Leaders of America (FBLA) and its competitions related to this class.**

BUSINESS AND PERSONAL FINANCE Concurrent Enrollment

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This course aligns with the Colorado Community College course Personal Finance (BUS 116). Students will earn high school credit while at the same time enroll in and earn community college credit with the opportunity of transferring credit to a four-year university. **This course aligns with all Colorado Financial Literacy Standards** and is designed to help students develop their abilities to make wise financial decisions by recognizing, understanding and comparing the alternatives facing them as individuals. Additionally, students will learn how businesses manage their finances. Topics include: decision making, earning a living, managing finances and budgeting, saving and investing, buying goods and services, banking, using credit, and protecting against risk. According to the Princeton Review, the #1 college major in the United States is Business. **Students are encouraged to join FBLA (Future Business Leaders of America).**

CHILD DEVELOPMENT

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This course is designed for students interested in child development and/or careers related to pediatrics, psychology, social services, education and parenting. Students will learn about physical, emotional, social and cognitive development of children from conception through adolescence. Special units of study include reproduction, prenatal development, birth and infant care, toddler, preschool, school age care and various family structures. Other units include expectations and financial responsibilities of parenthood. This class will give students an opportunity to experience a parenting simulation with an electronic simulator baby. You will have the opportunity to develop and experience interactive learning activities such as preparing a nutritious snack for children, reading children's books, and/or creating children's art. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service, and/or competitions related to the class.

COMPUTER APPLICATIONS Concurrent Enrollment

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This course aligns with the Colorado Community College course Introduction to PC Applications (CIS 118). Students will earn high school credit while at the same time enroll in and earn community college credit with the opportunity of transferring credit to a four-year university. With increased use of computers in our daily lives, it is crucial that students develop the ability to efficiently use a computer. This course provides an introduction to computer applications including Word, Excel, Access and PowerPoint. The knowledge of these applications is vital for the student in high school, college, and in his or her career. Much of the curriculum is individualized; students must have good problem solving, organizational, and motivational skills. According to the Princeton Review, the #1 college major in the United States is Business. **Students are encouraged to join FBLA (Future Business Leaders of America).**

CONTEMPORARY RELATIONSHIPS

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Students will explore how to create a relationship environment that is "safe" emotionally, socially, and physically. The course emphasizes building healthy relationships, managing personal stress and making wise choices. Topics include adolescent relationships with parents and friends; dating; communication skills; conflict resolution; abstinence and human sexuality; gender differences, impact of substances on relationships; violence and abuse; and family/social issues. Students will also learn about commitment and marriage. Students will take psychological and personality tests to assess their values, beliefs and perceptions about their relationships with others. 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 Contemporary Relationships and Foods & Nutrition, a student will fulfill the district Health requirements.

FASHION/INTERIORS/CULINARY DESIGN

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

The world of fashion, interior design, and cuisine creates an exciting embellishment to everyday living using the principles and elements. This course is excellent for students interested in possible careers in fashion, interior and culinary designs. Students will complete projects in each of the three areas. Course materials include a number of consumables. Students are encouraged to participate in FCCLA projects, community service and/or competitions related to class. Students will be charged a \$25.00 fee for consumable materials.

FOODS & NUTRITION

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Emphasis will be on choices relating to nutrition, healthy eating habits, food preparation, weight management, personal fitness, safety and sanitation and related diseases. Learn basic skills as well as the chemistry and physics of baking and cooking as you learn about nutrition throughout the cooking laboratory experiences. As part of a group, you will plan, prepare and evaluate nutritious meals. Students will look at healthy life styles through individual diet analysis. 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.

Note: Completion of both Foods and Nutrition class and Relationships class meets the district Health requirement.

INTERIOR DESIGN 1: RESIDENTIAL

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Designed for the student exploring Interior Design. Students will follow the process used by designers to develop a residential project. Students will be introduced to the fields of interior design vs. decorating; discuss safety, quality design and reality TV. The class will observe an interview with a real client during the semester as the basis of their project. Students will learn drawing techniques, basic sketching, and work with color, texture, pattern, and other design elements and principles. Emphasis will be on incorporating the clients' requests. Good organization skills, regular attendance, and multi-taking skills contribute to success in this class. Interior designers are actively involved in the class. Former students highly recommend taking the Interior Design 2 immediately following this course if one is wanting to pursue a design career. Students are encouraged to participate in FCCLA competitions related to the class. Students will be charged a \$25.00 fee for consumables.

INTERIOR DESIGN 2: COMMERCIAL

Open to: Grades 10-12
Prerequisite: Interior Design 1
Credit: 1/2 unit
Course length: 1 sem

Students successfully completing Interior Design 1: Residential and wanting to pursue a career in Interior Design are highly encouraged to take ID2. The majority of interior design is in the commercial market focusing on such properties as hotels, resorts, medical/health facilities, spas and restaurants. A real client will create the scenario with individual students selecting and developing creatively the overall project. Professional designers are actively involved in this course. Students will expand their knowledge and skills in design from ID1. Students are encouraged to participate in FCCLA competitions related to the class. Students will be charged a \$25.00 fee for consumables.

INTRODUCTION TO BUSINESS

Open to: Grades 9-10
Prerequisite: None
Credit: 1/2 unit
Course length: 1 sem.

Introduction to Business is a semester course for general education in basic business practice. Topics include study of the American economic system, entrepreneurship, money management, banking, career planning, saving, investing, credit and government and the consumer. **This course is strongly recommended for Marketing, Business and Personal Finance, Accounting, and Business Law students. Students are encouraged to participate in Future Business Leaders of America (FBLA) and its competitions related to this class.**

MARKETING 1 (DECA)

Open to: Grade 11
Prerequisite: Application
Intro. to Business recommended
Credit: 1 unit
Course length: 1 year

Marketing 1 is a full-year course designed for the student who wants to explore marketing, sales and the business world. Units of study include advertising and promotion, sales, promotion, product planning, pricing, economics, distribution, computer simulations and professional human relation skills. According to the Princeton Review, the #1 college major in the United States is Business. Marketing 1 exposes students to the exciting and dynamic world of marketing and business. Marketing 1 is a prerequisite for Marketing 2 which simultaneously offers high school and college credit. Only students enrolled in Marketing classes can participate in DECA, a co-curricular chapter. DECA (An Association of Marketing Students) allows members opportunities to develop leadership skills, participate in community service projects, enjoy social activities, and earn a DECA Letter. Students will also be eligible to travel and compete in marketing competitions, both locally and nationally. A chapter membership fee is involved. Students will be charged a \$30.00 fee for consumables.

MARKETING 2 (DECA)

Open to: Grade 12
Prerequisite: Marketing 1, and instructor approval
Credit: 1 unit
Course length: 1 year

This course aligns with the Colorado Community College course Principles of Marketing (MAR 216). Students will earn high school credit while at the same time enroll in and earn community college credit with the opportunity of transferring credit to a four-year university. According to the Princeton Review, the #1 college major in the United States is Business. Marketing 2 is a full-year course expanding on Marketing 1 curriculum for the serious student contemplating a business career. Content topics include an analysis of the theoretical marketing processes and the strategies of professional sales, pricing, promotion, distribution, people, processes, packaging and physical environment. This course sequence is designed to allow students to develop a working knowledge of marketing terms, marketing strategies, marketing research and buying behavior. The marketing mix will be analyzed and applied to exciting real world projects. In addition, Marketing 2 students will develop leadership skills through planning and implementing community service and social activities. Students will also be eligible to travel and compete in marketing competitions, both locally and nationally. Membership and involvement in DECA (An Association of Marketing Students) is an integral part of the marketing program and fees are involved. Students will be charged a \$30.00 fee for consumables.

MARKETING COOP

Open to: Grade 12
Prerequisite: Marketing 1, and instructor approval
Credit: 2 units
Course length: 1 year

The school's Creek Cafe can be used for the coop requirement. Students must enroll in Marketing 2 and the Marketing Coop course to receive proper credit. One credit earned for classwork, two credits for course-related job.

YEARBOOK

Open to: Grade 10-12
Prerequisite: None
Credit: 1 unit
Course length: 1 year

Class members will plan and produce the Cherry Creek yearbook, *The Patriot*. Students will be responsible for every aspect of the production of the yearbook: photography, planning and design layouts, researching and writing copy, writing photo captions and headlines. Meeting deadlines to create the yearbook often will require time, not only class, but also after school, evenings, and/or weekends.

CHERRY CREEK CAREER & TECHNICAL EDUCATION

CCSD Career & Technical Education Building
Cherry Creek Career & Technical Education
Ted Seiler, Coordinator
9150 E. Union Ave. Greenwood Village, 80111
720-554-4551

The Cherry Creek School District Career and Technical Education (CTE) classes provide students an opportunity to explore career options and offer a jump start for their professional lives. These programs meet the highest academic and technical standards to help students achieve career success after high school. The CTE Building is located on the northwest side of the Cherry Creek Campus. Call 720-554-4551 for directions or additional information.

Please note that some C.T.E. programs located with other schools/school districts operate on different school calendars than Cherry Creek High School and may require the student to attend classes prior to the opening of CCHS or during some CCHS holidays. The Cherry Creek School District may NOT provide transportation to and from the various C.T.E. programs depending upon availability of funds.

The 2011-2012 CTE Course Guide may be found at:
<http://www.ccsd.k12.co.us/CTE/>

Registration Information

Courses at Pickens Technical College and select out-of-district programs are also available (see course guide for details). All CTE programs require an application. The application may be downloaded at the above website.

Enrollment Process

Step 1 – Gather all relevant information via website course catalogues, brochures, phone calls, emails and meetings.

Step 2 – Complete an application for admission. This application may be found at <http://www.ccsd.k12.co.us/CTE/> or at each high school counseling office. If you do not have an application and would like one please call (720) 554-4551.

Step 3 – Take completed application to the home high school counselor and discuss.

Step 4 – Counselors send in completed applications to the Cherry Creek CTE office no later than March 11, 2011.

PHYSICAL EDUCATION/HEALTH

Students are required to earn two units of credit in physical education. The department recommends the following combination:

1. One-half unit in Individual Sports (IS).
2. One-half unit in Team Sports (TS).
3. One-half unit in Aerobic, Anaerobic Conditioning (AAC).
4. One-half unit **must** be in Health.

ADVANCED FITNESS

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Geared to the high level athlete, this course focuses on sports training to increase speed, power, strength, and explosion. Olympic lifting techniques, plyometric training, core stretching, and agility footwork will be taught.

ADVENTURE ED 1

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

The students enrolled in the Adventure 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. The theme "Building a Community of Learners" will be integrated through a carefully planned curriculum designed to develop cooperation, communication, critical thinking skills, trust, safety and fun through a variety of activities. The CCHS/CMS Challenge Course and CCHS Climbing Wall will be the primary educational tools used during this course. The concept of "Challenge ;by Choice" will come into play when individual challenges are proposed.

Students will be required to sign and commit to a full value contract, dress in appropriate activity clothing as advised by the teacher for this program, complete a series of safety related performance evaluations and complete a self evaluation of their activities. Students are encouraged to sign up for this course sometime during their freshmen and sophomore years. This course is classified as a Team Sport Activity (TSA)

ADVENTURE ED 2-OUTDOOR EDUCATION

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Students in Adventure 2 will receive instruction in backcountry living and travel; advanced rock climbing; snow travel and avalanche awareness; kayaking; wilderness first aid; and Leave-No-Trace environmental ethics.

Field trips are an integral part of the class and are used as assessment tools.. There will be three field trips, occurring over weekends, focusing on backcountry living and travel, rock climbing and snow travel. The field trips are optional however encouraged. Due to special equipment, travel accommodations and district insurance coverage, students will be charged a fee for individual field trips. Fitness training will consist of core strength, flexibility and cardio-respiratory endurance training specific to outdoor education. Students can expect to "work out" on a weekly basis.

Due to the advanced skills being covered, students who enroll in Adventure 2 - Outdoor Education must be physically capable of spending extended time in the backcountry.

ADVENTURE LEADER

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Adventure Leadership Training/permission of instructor	Course length:	1 sem.

Adventure Leader is a course designed for the individual student who has fulfilled all requirements of the Adventure and Adventure Leadership Training curriculum and has demonstrated the basic skills necessary for safe participation in adventure related activities. Students who enroll in this course will fulfill their requirements with an assigned teacher.

Students who enroll in this course will be expected to fulfill all contracted hours of requirement as an adventure leader in the Creek Adventure Program. Contracted hours will be decided between the student and assigned teacher.

This course will emphasize the implementation of the leadership and facilitation skills learned in the Adventure Leadership Training course utilizing the theme of "Building a Community of Learners." The Challenge course philosophy of "Challenge By Choice" and the CCHS/CMS Challenge Course will be the primary educational tool used during this course.

Students will be required to set individual goals for the semester, keep a log of activities during this course, dress in appropriate activity clothing, and complete a self evaluation of their activities. This course is classified as a Individual Sport Activity (ISA)

ADVENTURE LEADERSHIP TRAINING

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Adventure Ed 1	Course length:	1 sem.

The class entitled "Adventure Leadership Training" is designed for the individual student who has fulfilled all requirements of the Adventure curriculum and has demonstrated the basic skills necessary for safe participation in adventure related activities. Students in Adventure Leadership Training will have the opportunity to continue the development of the basic skills acquired in Adventure and advance to a higher level of skill and leadership. This course will provide an opportunity for Cherry Creek High School students to have access to the resources necessary to improve their skills and develop their leadership potential. The main focus of instruction in the class will be in the facilitation of leadership skills related to the adventure curriculum. Students will progress through an experientially based leadership program that emphasizes the facilitation of the challenge course philosophy of "Challenge By Choice" The CCHS/CMS Challenge Course will be the primary educational tool used during this course.

The theme "Building a Community of Learners" will be integrated throughout a carefully planned curriculum of technical skills (physical skills and knowledge necessary to conduct a safe challenge course experience), and soft skills (processing skills necessary to conduct a discussion session). Students will be required to sign and commit to a full value contract, keep a notebook of activities during this course, dress in appropriate activity clothing as advised by the teacher for this program, complete a series of performance tasks, written evaluations and complete a self evaluation of their activities. Students will demonstrate and practice their effectiveness as an adventure leader by peer leading. This course is categorized as a Individual Sport Activity (ISA)

ADVENTURE WATER SPORTS (Scuba Diving/Kayaking)

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Intermediate Swimming Skills	Course length:	1 sem
		Fee:	\$95.00

Students in Adventure Water Sports will have the opportunity to receive instruction in snorkeling, scuba diving, beginning kayaking and water sports games. Scuba diving students will experience a combination of classroom instruction and practical water skill training conducted by Abyss Scuba and CCHS teachers.

Due to special equipment and instructor expense, students will be charged a (reduced) registration fee (\$95.00). Upon successful completion of the course, students will receive Open Water classroom and pool training, a prerequisite to "Open Water Diver" certification, which students may wish to pursue on their own. *Advanced Scuba will be offered to those students who have already taken the training and wish to pursue an advanced certificate. Extra time outside of class will be necessary for advanced certification.*

ADVENTURE WATER SPORTS LEADER

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Adventure Water Sports and Instructor Permission	Course length:	1 sem.

Adventure Water Sports Leader is a course designed for the individual student who has fulfilled all requirements of the Adventure Water Sports curriculum and has demonstrated understanding of and the basic skills necessary for safe participation in Adventure Water Sports related activities. Students who enroll in this course will fulfill their requirements with an assigned teacher.

Students who enroll in this course will be expected to fulfill all contracted hours of requirement as an Adventure Water Sports Leader. The student leader is expected to report to class daily and assist with teaching, supervision and equipment duties. The extent of the teaching and supervision duties will depend on the experience and skill level of the student leader.

This course will emphasize leadership and facilitation skills. Student leaders will be required to set individual goals for the semester, dress in appropriate activity clothing, and complete a self evaluation of their leadership style and skills.

AEROBICS

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This class focuses on cardiovascular fitness, muscular strength, endurance, flexibility, and body toning. Activities will include, but are not limited to: step aerobics, high/low impact aerobics, weight room circuit training, shaping and toning, and flexibility exercises. Specific course content will be on understanding the relationship between exercise and weight control, as well as proper technique to exercise safely and effectively.

DANCE 1

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This course in dance is designed to introduce the student to basic dance. Content included is basic dance technique, physical conditioning for dance, and the components of choreography. The appreciation of dance as an art form is an underlying curricular theme.

DANCE 2

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Dance I	Course length:	1 sem.

This unit in dance is a continuation of Dance 1. It is designed for the more advanced student of dance. Included in the content will be more advanced dance technique, physical conditioning for dance, and advanced techniques of choreography.

HEALTH

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

The health issues course will include current health issues: nutrition, physical fitness, diseases and disorders, stress management, coping skills, self-concept, human sexuality, self-destructive behaviors, drugs and alcohol, first aid and violence prevention. Evaluation will be based upon classroom participation, individual projects, and overall comprehension of the material. Beginning with the class of 1991 this course is specified as a requirement for high school graduation.

INDIVIDUAL SPORTS (IS)

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

The following sports and activities will be offered in groups of 3-4 per section as facilities permit:

Archery	Pickleball	Golf
Badminton	Frisbee	Tennis

LIFEGUARD TRAINING

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	15 years old, Advanced swimming skills	Course length:	1 sem.
		Fees:	\$50.00

This course is designed by the American Red Cross to prepare students to work as lifeguards. Students will learn rescue techniques, CPR, and first aid. Students will be certified through classroom instruction and practical water skill training. The fee will cover the cost of a pocket mask, textbook, and certification provided by the American Red Cross.

SKI CONDITIONING

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This unit is designed to introduce the student to a conditioning program specific not only to skiing, but to general fitness as well. Content will focus on physical efficiency and basic motor control. The class will be taught as to muscular strength and endurance, cardiorespiratory endurance for stamina, flexibility, power, and efficient postural control.

SPORTS FITNESS

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Students will be exposed to a variety of training methods and activities to increase overall fitness levels. Aerobic training, circuit weight training, plyometric training, cardiovascular and endurance training will be used. Conditioning for a variety of sport activities will be targeted.

SPRINGBOARD DIVING

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Intermediate swimming skills	Course length:	1 sem.

This course will stress the fundamental skills to perform on the one-meter springboard. Skills in the mechanics and maneuvers of diving will be taught.

SWIMMING FITNESS

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Swimming skills	Course length:	1 sem.

This is a general class to improve fitness using training techniques in the water. There will be some instruction in swimming skills. Primary course content will include swimming, water stretching, water exercise, and other training methods. The primary purpose of the course is to improve muscle tone, cardiorespiratory fitness, and weight control.

TEAM SPORTS (TS)

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

The following sports and activities will be offered in groups of 3-4 per section as facilities permit:

Basketball	Flag Football	Floor Hockey
Indoor Soccer	Soccer	Softball
Speedball	Team Handball	Volleyball
Ultimate Frisbee		

TUMBLING

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Theory, technique, and strength training will be introduced. Students will have an opportunity to apply knowledge and basic fundamentals to tumbling skills and performance levels. Special emphasis will be placed on safety and spotting techniques.

WEIGHT TRAINING 1

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

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 muscle and skeletal makeup of the body.

WEIGHT TRAINING 2

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This course is an orientation to advanced methods of weight training. Each student will have an individualized workout routine, and there will be a set scale for testing.

ONLINE HEALTH AND PHYSICAL EDUCATION COURSES

Students wishing to enroll in online courses must complete a contract in the Registrar's office.

HEALTH - ONLINE

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Health is a standards-based class that focuses on issues and components of personal health as they apply to mental, physical, emotional, and social well being. Topics include stress management, self-destructive behaviors, sexuality, substance abuse, nutrition, fitness, diseases and others. This course fulfills the District Health Requirement.

PERSONAL FITNESS I - ONLINE

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Parent permission form	Course length:	1 sem.

Students in Personal Fitness I will learn about the components of fitness and wellness in order to establish a personal fitness plan that will be implemented throughout the semester. Although this is an on-line class, the course standards do require students to participate in weekly cardiovascular, flexibility, strength, and endurance exercise. Students will be issued a heart rate monitor to measure their progress and must exercise for 150 minutes per week in their target heart rate zone (133-173 beats per minute) in addition to written work and other exercise. Students will also be required to attend four fitness-testing sessions throughout the semester. (Dates will be announced before the semester begins).

PERSONAL FITNESS II - ONLINE

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Personal Fitness I and parent permission form	Course length:	1 sem.

Students in Personal Fitness II continue to work on their fitness goals and plans developed in Personal Fitness I. Students will be required to participate in weekly cardiovascular, flexibility, strength, and endurance exercise. Students will be issued a heart rate monitor to measure their progress and must exercise for 180 minutes per week in their target heart rate zone (increase to 143-173 beats per minute) in addition to other exercise. Students will also be required to attend four fitness-testing sessions throughout the semester. (Dates will be announced before the semester begins).

STUDENT ACHIEVEMENT SERVICES COURSES OF STUDY

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.

ELEMENTS OF ENGLISH 10

Open to: Grade 10
Credit: 1 unit
Prerequisite: Student with IEP
Course length: 1 year

This course is intended to meet the needs of 10th grade students with literacy acquisition delays who need to improve their decoding, reading comprehension, speaking listening, and executive organization skills. The class uses a variety of direct intervention based curriculum in order to help students gain the basic skills needed to be successful in high school.

ELEMENTS OF ENGLISH 11

Open to: Grade 11
Credit: 1 unit
Prerequisite: Student with IEP
Course length: 1 year

This course is intended to meet the needs of 11th grade students with literacy acquisition delays who need to improve their decoding, reading comprehension, speaking listening, and executive organization skills. The class uses a variety of direct intervention based curriculum in order to help students gain the basic skills needed to be successful in high school.

ELEMENTS OF ENGLISH 12

Open to: Grade 12
Credit: 1 unit
Prerequisite: Student with IEP
Course length: 1 year

This course is intended to meet the needs of 12th grade students with literacy acquisition delays who need to improve their decoding, reading comprehension, speaking listening, and executive organization skills. The class uses a variety of direct intervention based curriculum in order to help students gain the basic skills needed to be successful in high school.

ELEMENTS OF ENGLISH 9

Open to: Grade 9
Credit: 1 unit
Prerequisite: Student with IEP
Course length: 1 year

This course is intended to meet the needs of students with literacy acquisition delays who need to improve their decoding, reading comprehension, speaking listening, and executive organization skills. The class uses a variety of direct intervention based curriculum in order to help students gain the basic skills needed to be successful in high school.

ELEMENTS OF LITERACY

Open to: Grades 9-12
Credit: 1/2 unit
Prerequisite: Student with IEP
Course length: 1 sem.

This course is intended to meet the needs of students with literacy acquisition delays who need to improve their decoding, reading comprehension, vocabulary, fluency, listening and phonemic awareness skills. The class uses a multi-sensory direct intervention based curriculum in order to help the students gain the basic skills needed to be a successful reader.

ENGLISH FOUNDATIONS

Open to: Grades 9-12
Credit: 1 unit
Prerequisite: Staffed into ILC Program
Course length: 1 year

Classroom activities will reinforce basic English usage skills. In addition, abundant skills practice reinforces lessons on parts of speech, spelling lessons, reading and writing skills. We will read a minimum of one novel per semester.

ILC ENGLISH

Open to: Grades 9-12
Credit: 1 unit
Prerequisite: Staffed into ILC Program
Course length: 1 year

This course is designed to meet the English needs of ILC students. Instruction is individual 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.

ILC READING 1

Open to: Grades 9-12
Credit: 1 unit
Prerequisite: Staffed into ILC Program
Course length: 1 year

This class teaches survival reading and writing skills so that students can function as independently as possible upon graduation. The primary tools for teaching will include novels and answering comprehension questions, seeking to teach a lifelong appreciation for reading and comprehension of who, what, when and where questions This course is geared to meet individual needs at varying levels.

ELEMENTS OF AMERICAN GOVERNMENT

Open to: Grade 11-12
Credit: 1/2 unit
Prerequisite: Student with IEP and Instructor Approval
Course length: 1 sem.

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 1

Open to: Grade 11-12
Credit: 1/2 unit
Prerequisite: Student with IEP
Course length: 1 sem.

This course will exam 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 will be incorporated throughout the course.

ELEMENTS OF SOCIOLOGY 2

Open to: Grade 11-12
Credit: 1/2 unit
Prerequisite: Student with IEP
Course length: 1 sem.

This course will exam 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: family, behavior and substance abuse. Current events and sociology issues will be incorporated throughout the course.

ELEMENTS OF UNITED STATES HISTORY

Open to: Grade 9-12
Credit: 1 unit
Prerequisite: Student with IEP
Course length: 1 year

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.

ELEMENTS OF WORLD HISTORY

Open to: Grade 10-12
Credit: 1 unit
Prerequisite: Student with IEP
Course length: 1 year

This course surveys world history from the emergence of civilization to the present day. Materials are modified and individual attention is emphasized to help students understand political, social, economic and cultural forces across civilizations.

FOUNDATIONS OF GEOGRAPHY

Open to: Grade 9-12
Credit: 1/2 unit
Prerequisite: Student with IEP
Course length: 1 sem.

This class satisfies the social studies requirement. It is designed for students who need help learning the basic concepts in Geography classes. Topics include: location, places, and regions, movement of people, ideas, and goods.

FOUNDATIONS OF GOVERNMENT

Open to: Grade 9-12
Credit: 1/2 unit
Prerequisite: Student with IEP
Course length: 1 sem.

This class satisfies the American Government graduation requirement. It is designed for students who need help learning the basic concepts in American Government classes.

FOUNDATIONS OF LAW, RIGHTS, AND CONSTITUTION

Open to: Grade 9-12
Credit: 1/2 unit
Prerequisite: Student with IEP
Course length: 1 sem.

This course covers the U.S. Constitution, Bill of Rights, the structure of our government, and current issues.

FOUNDATIONS OF U.S. HISTORY

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Students with IEP	Course length:	1 year

This course is designed for the student with limited reading and writing skills. It meets the graduation requirement for U.S. History.

ILC SOCIAL STUDIES

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Staffed into ILC Program	Course length:	1 year

This course covers US History and citizenship for ILC students. It teaches basic US History beginning with Native Americans through WWII and our current government. The class will help students learn to be good citizens as adults, and it will teach basic rights and responsibilities of citizenship on an individual level. This course is offered alternating years.

SENIOR TRANSITIONS 1

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	Student with IEP	Course length:	1 sem.

This course satisfies a core social studies requirement. Topics include: learning styles, accommodations, self-advocacy, post grad services, completion of a college application, financial aid, job shadow assignment, and guest speakers.

SENIOR TRANSITIONS 2

Open to:	Grade 12	Credit:	1/2 unit
Prerequisite:	Student with IEP and with Instructor Approval	Course length:	1 sem.

The curriculum includes banking, credit, taxes, recreation/leisure activities, independent living, and legal issues. This fulfills a social studies requirement.

ALGEBRA 1

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Student with IEP	Course length:	1 year

This course is team taught in the Math Department. It encompasses the fundamental concepts of algebra. It is designed for the student planning a more formal mathematics education, and will provide preparation for geometry. These are integrated classes having both mainstream and special education students. Requirements are the same for both of these student populations. See Algebra 1 description in the math section of this guide for additional information.

ALGEBRA 1X2

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Students with IEP	Course length:	1 year

This course is team taught in the Math Department. This course is designed for students who have passed Algebra 1 (or other Algebra 1 programs), but are lacking sufficient problem-solving skills and proficiency in more complex algebra applications to succeed in Geometry or Algebra 2. This course focuses on developing more advanced algebra skills and geometry-based applications. These are integrated classes having both mainstream and special education students. Requirements are the same for both of these student populations. See Algebra 1X2 description in the math section of this guide for additional information.

ELEMENTS OF ALGEBRA 1

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Students with IEP	Course length:	1 year

This course encompasses a survey of Algebra 1 topics. It is designed to provide a student the opportunity to master topics. This is a preparatory course directed to the student planning to take Algebra 1.

ELEMENTS OF GEOMETRY

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Elements of Alg. and Elements of Adv. Alg or gen ed. Alg 1	Course length:	1 year

This course offers a survey of geometry. It includes study of points, lines, angles, polygons and more. It reviews basic algebra and gives the special education student background for college entrance exams as well as preparation in basic geometry. This course may be preparation for mainstream geometry or algebra courses.

ELEMENTS OF MATHEMATICAL REASONING

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Student with IEP and permission of instructor	Course length:	1 sem.

This course is intended to meet the needs of students with elementary math skills who need to improve their understanding of basic math facts, fractions, measurement, numeric skills, integers and/or a variety of other math skills. Students will be selected to participate in this course and a research based curriculum will be used. This class is taken in conjunction with a general education math class.

FOUNDATIONS OF MATH

Open to:	Grade 9-12	Credit:	1 unit
Prerequisite:	Staffed into ILC Program	Course length:	1 year

Math concepts covered include: whole numbers, fractions, decimals, percents, and basic measurement. In addition, we will study consumer math topics such as money management/budgeting.

ILC MATH

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Staffed into ILC Program	Course length:	1 year

This course is designed to teach functional math skills. Students work on basic time and money management in order to perform a variety of hands-on activities. Much of the preliminary instruction takes place in the classroom and may be transferred to the community for functional application of these skills. Banking and checking may be included to meet student needs. Cooking skills are an integral part of this course. Shopping may be included. Students are expected to provide own consumables which will amount to \$30.00 per semester.

BIO/PHYSICAL SCIENCE 2

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Student with IEP and Bio/Physical Science 1 or permission of instructor	Course length:	1 year

Bio/Physical Science 2 builds upon concepts developed in Bio/Physical Science 1. Further topics in biology, chemistry, earth science and physics not covered in level 1 are investigated through a variety of lab activities. Science related careers are also discussed. Taken in sequence, these two courses (Bio/Physical Science 1 and 2) will fulfill the two-credit science requirement for high school graduation. This course is recommended for students having limited success in previous science courses and is not considered a college preparatory course. This special education course number is for students who need to be in a teamed class which has both a regular education and special education teacher in the room. Students under this course number are those requiring more assistance in class.

BIO/PHYSICAL SCIENCE 3

Open to:	Grades 11-12	Credit:	1 unit
Prerequisite:	Student with IEP and Bio/Physical Science 2 or permission of instructor	Course length:	1 year

Bio/Physical Science 3 builds upon concepts developed in Bio/Physical Science 2. The course will cover topics related to Environmental Science. Some topics include ecosystems, populations, water, soil, energy, weather, and climate. Social implications of environmental topics, especially related to living in Colorado, are explored in this course. This course is designed for students having limited success in previous science courses who may not be ready for the pace of Environmental Science. This is not considered a college preparatory course. This special education course number is for students who need to be in a teamed class that has both a regular education and a special education teacher in the room. Students under this course number are those requiring more assistance in class.

PHYSICAL SCIENCE

Open to:	Grade 9	Credit:	1 unit
Prerequisite:	Student with IEP	Course length:	1 year

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. This special education course number is for students who need to be in a teamed class which has both a regular teacher and special education teacher in the room. Students under this course number are those requiring more assistance in class.

ARTS EXPLORATION

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

This course is intended as an introductory concept exploration in the visual and performing arts. The course will consist of four units focusing on visual art, music and theater. High needs students will be paired with typical peers in an integrated and cooperative learning environment. Students will study drawing, painting, ceramics, sculpture, photography, video editing, movement, singing, playing instruments, theatrical improvisation and character study. Student will receive .5 fine arts credit upon successful completion of the course.

ILC ADAPTIVE SENSORY INTEGRATION

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Staffed into ILC Program	Course length:	1 year

Developed for students with significant support needs, this course provides participants needed sensory stimulation for skill maintenance and development. Materials and curriculum are individualized per student need.

ILC SIGNIFICANT SUPPORTS ADAPTIVE FINE ARTS

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Staffed into ILC Program	Course length:	1 year

Designed for students with significant support needs who are becoming young adults, this course offers participants a variety of fine arts and multimedia activities. Skills related to participation (e.g., choice making, listening, observing, and fine motor skills) are taught.

ILC HEALTH

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Staffed into ILC Program	Course length:	1 year

This course is designed to meet the health education needs of ILC students. Individual support needs are closely attended to in this course. It may focus on personal health issues and physical fitness.

ILC PHYSICAL EDUCATION

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Staffed into ILC Program	Course length:	1 year

Developed for students with significant support needs, this course provides participants needed physical and sensory stimulation for skill maintenance and development. Materials and curriculum are individualized per student need.

ACADEMIC SUPPORT LAB 9

Open to:	Grades 9	Credit:	1/2 unit
Prerequisite:	Current IEP Case Mgr. Recommendation	Course length:	1 sem.

The Academic Support Lab is a resource for students who need to improve their academic performance and develop positive study habits. In addition to providing time for students to complete homework assignments, students will learn organization, time management, and study skills.

ACADEMIC SUPPORT LAB

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Current IEP Case Mgr. Recommendation	Course length:	1 sem.

This course will provide an opportunity for students to complete academic assignments. It will be supervised by a teacher who will be assisted by a paraprofessional. Students will be expected to utilize the time effectively. They will be assigned to five days each week in the course as decided by the case manager, teachers and parents. Classroom teachers will be invited to communicate with the Academic Support teacher about assignments and projects.

ILC COMMUNITY

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Staffed into ILC Program	Course length:	1 year

During this class students work to transfer all learning that has taken place in the classroom into the community in a functional, applied manner. Some of the trained skills may include personal grocery shopping, making snack and meal purchases, enjoying recreational activities in the community, community safety, and learning to access RTD transportation.

ILC FOODS

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Staffed into ILC Program	Course length:	1 year

This course is offered to students who have significant physical support needs that interfere with independent eating skills. Students are taught to communicate their needs and may be involved in learning basic skills to facilitate better swallowing and use of eating utensils.

ILC SUPPORT LAB

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Staffed into ILC Program	Course length:	1 sem.

The class will provide support for homework computer skills and/or individual IEPs.

ILC WORK EXPERIENCE

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Staffed into ILC	Course length:	1 year

This program provides students with the opportunity to learn job skills while employed or in training at a job site, either on or off campus. The student's case manager will work with the job supervisor to monitor and evaluate this work experience. This course is pass/fail.

STUDENTS SUPPORTING STUDENTS

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Mature, responsible students will work with the significant-support-needs students (those with physical and/or cognitive handicapping conditions) either in the ILC classroom or in the general education program to facilitate communication and independent functioning. Special education staff will provide training and a letter of recommendation for community service will be offered. This course is pass/fail.

WORK EXPERIENCE STUDY (WES)

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Student with IEP	Course length:	1 qtr.

This program provides students with the opportunity to learn job skills while actually employed part time. A student needs to work approximately 15 hours per week or 130 hours per quarter to be eligible for credit. The student's special education case manager will monitor and evaluate the work experience.

OFF CAMPUS I-TEAM (Cottage)

Open to:	Grades 11-12	Credit:	Var.
Prerequisite:	Student with IEP	Course length:	1 qtr.

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.

REACH PROGRAM

The Reach program is designed to provide emotional and academic support to special education students with moderate emotional needs.

ELEMENTS OF ENGLISH 10

Open to:	Grade 10	Credit:	1/4 unit
Prerequisite:	Students with IEP	Course length:	1 qtr.

This is a one-year course that expands the student's understanding and appreciation of American, English, and European 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. The Reach curriculum and smaller class size is designed to meet the personal and academic needs of students with emotional difficulties. Social skills and problem solving skills are taught through literature, and students use writing as a tool to express their feelings and express emotional issues.

ELEMENTS OF ENGLISH 9

Open to:	Grade 9	Credit:	1 unit
Prerequisite:	Students with IEP	Course length:	1 year

This 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 revision process is stressed throughout the year. The Reach curriculum and smaller class size is designed to meet the personal and academic needs of students with emotional difficulties. Social skills and problem solving skills are taught through literature and students use writing as a tool to express their feelings and express emotional issues.

ELEMENTS OF FILM AND LITERATURE

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Student with IEP	Course length:	1 sem.

Students will study film as an art form and medium of literature. Through active viewing, reflective response, reaction papers, formal essays, and discussion, students will learn to judge quality. Emphasis will be placed on furthering students' composition skills.

ELEMENTS OF MULTICULTURAL LITERATURE

Open to:	Grades 10-11	Credit:	1/2 unit
Prerequisite:	Student with IEP	Course length:	1 sem.

This course will introduce historical and contemporary perspectives of the roles of minorities and women have played. Using fiction, non-fiction, poetry, essays, and film, students will gain an understanding of 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 of the cultures studied.

ELEMENTS OF PSYCHOLOGY

Open to:	Grade 9-10	Credit:	1/2 unit
Prerequisite:	Students with IEP	Course length:	1 sem.

This is a semester course designed to help students better understand psychological theories, diagnoses, and human behavior. Curriculum will focus on scientific method, intelligence, personality, social development and psychiatric disorders.

ELEMENTS OF US HISTORY

Open to:	Grade 9	Credit:	1 unit
Prerequisite:	Students with IEP	Course length:	1 year

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

ELEMENTS OF WORLD HISTORY

Open to:	Grade 10	Credit:	1 unit
Prerequisite:	Students with IEP	Course length:	1 Year

This course surveys world history from the emergence of civilization to the present day. Materials are modified and individual attention is emphasized to help students understand political, social, economic and cultural forces across civilizations.

SOCIAL RELATIONS

Open to:	Grades 9-10	Credit:	1/2 unit
Prerequisite:	Students with IEP	Course length:	1 sem.

This is a semester course designed to help students with emotional difficulties understand human behavior, cognition and emotion. Students will study fundamental psychological theories and apply these to personal situations. Students participate in a daily social skills group, and establish and monitor personal goals as part of the daily curriculum.

ELEMENTS OF MATH

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Student with IEP	Course length:	1 year.

A self-paced mathematics course with depth of instruction for each student based on his or her ability. Concepts taught will include basic math facts with integers, measurement, problem solving, probability and statistics, algebra, and geometry.

ELEMENTS OF P.E.

Open to:	Grades 9-10	Credit:	1/2 unit
Prerequisite:	Student with IEP	Course length:	1 sem.

This a general P.E. course for students in the REACH program.

HEALTH AND WELLNESS

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Students with IEP or permission of instructor	Course length:	1 sem.

This course fulfills the district-level requirements for health with an emphasis on the affective component of teens. Course content will include helping students explore current teen issues. Course topics include: character education, stress management, nutrition, physical fitness, emotional & mental health, self-concept, human sexuality, and substance abuse.

SPECIAL COURSES (GENERAL ELECTIVE CREDIT)

ASSISTANTSHIPS

Students registering for any of the following special courses must be aware of the following policies.

- 1 Permission or approval must be obtained from the CCHS teacher or CCHS supervisor involved in a particular course before the student is considered enrolled in the course.
- 2 Juniors and seniors will be permitted to enroll in a maximum of two different courses per semester, and credit can be earned for two different courses per semester.
- 3 Freshmen and sophomores may be permitted to enroll in and receive credit in only one course per semester.
- 4 Grades earned in these courses will not be computed in the grade point average and will earn an "S" or "US".
- 5 Credit earned in these courses will not substitute for required courses.

OFFICE ASSISTANT

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Permission of respective secretary	Course length:	1 sem.

This is for students expressing a desire to learn office procedure, telephone etiquette, etc., and to provide a service to the school, faculty, and students.

PEER AMBASSADORS

Open to:	Grade 12	Credit:	1 unit
Prerequisite:	Application & Interview	Course length:	1 year

Peer Ambassadors is a program designed to provide an additional source of help and support for the students at CCHS. Peer Ambassadors will serve as mentors and help students with school related issues, personal and social problems, and serve as a resource. Peer Ambassadors will participate in training and regular supervision. Students interested in becoming a Peer Ambassador will complete an extensive application and interview process.

STUDENT SENATE

Open to:	Grades 9-12	Credit:	1 unit
Prerequisite:	Election to office	Course length:	1 year

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.

STUDENTS SUPPORTING STUDENTS

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	None	Course length:	1 sem.

Mature, responsible students will work with the significant-support-needs students (those with physical and/or cognitive handicapping conditions) either in the ILC classroom or in the general education program to facilitate communication and independent functioning. Special education staff will provide training and a letter of recommendation for community service will be offered. This course is pass/fail.

TEACHER ASSISTANT

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Approval of instructor	Course length:	1 sem.

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 means for the department or teacher before a lesson can be taught to the students.

COUNSELING SEMINARS

CREEK 101

Open to:	Required for all 9th grade students	Credit:	1/4 unit
Prerequisite:	None	Course length:	1 year

Creek 101 is taught by a high school advisor and is a high school transition program centered around academic planning and high school success. This course is required for all incoming ninth grade students. Individual appointments with each student's assigned counselor is part of the class to review each student's progress. Ninth grade students will be assigned to a Creek 101 class that correlates with lunch periods.

CREEK 201

Open to:	Required for all 10th grade students	Credit:	None
Prerequisite:	None	Course length:	1 sem.

Creek 201 is taught by high school counselors and is an academic planning course with emphasis on career and college exploration using Family Connection by Naviance, career research and career guest speakers. Individual appointments with each student's assigned counselor are required in order to review the student's progress. Tenth grade students will be assigned Creek 201 benchmarks to complete throughout second semester that correlates with lunch periods.

CREEK 301

Open to:	Required for all 11th grade students	Credit:	None
Prerequisite:	None	Course length:	1 sem.

Creek 301 is taught by high school counselors and is an academic planning course with emphasis on preparing for high school graduation and for the college/career application process. Each student is required to attend the Junior Post Grad Assembly, through their English class, and a Junior Conference, an individual appointment with the student's parents and assigned counselor. It is also recommended for each student to attend the "Creek to College" Workshop, offered every year on a Saturday in January.

CREEK 401

Open to:	Required for all 12th grade students	Credit:	None
Prerequisite:	None	Course length:	1 sem.

Creek 401 is taught by high school counselors and is an academic planning course with emphasis on preparing for high school graduation, and applying to and being accepted to college. Each student is required to attend the Senior Post Grad Assembly, through their English Class, and a Senior Conference, an individual appointment with student's assigned counselor along with applying and be accepted to a 2/4 year college.

SOPHOMORE ENRICHMENT SEMINAR

Open to:	Grades 10	Credit:	1 unit
Prerequisite:	Application	Course length:	1 year

These seminars are a program for those sophomore students who need to improve both their academic and personal performance. The programs are intended for students of normal abilities who have not succeeded to the extent they would have desired. Students must be invited into the Enrichment Seminar programs. Skills learned include goal setting, problem solving, time management, test-taking skills and study skills. Along with skill development, self esteem enhancement is accentuated. By invitation only.

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. All EPIC students will be scheduled to meet their instructors one day per week. EPIC courses are not considered part of the required 5/6 courses students must take per semester. (Exception: Peer Ambassadors) 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 WHEN COURSES ARE OFFERED WILL BE ANNOUNCED LATER. HOWEVER, MOST COURSES WILL BE OFFERED AFTER SCHOOL.

EL POMAR YOUTH COMMUNITY SERVICE

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Application	Course length:	1 sem.

El Pomar Youth in Community Service (EPYCS) teaches high school students the importance of service, philanthropy and the non-profit sector, while empowering them to directly impact their community through grant making. The students determine the issues they feel are most critical and develop fund-raising activities. The school's goal is to raise \$500.00. When reached, El Pomar provides a matching grant of 7500.00. The student then evaluate and identify local non-profit organizations that best address the students' critical concerns and they make grants to them.

EPIC STUDENT ATHLETE

Open to:	Grades 9-12	Credit:	1/2 unit
Prerequisite:	Application and permission by instructor	Course length:	1 sem.

This is designed for the underclassman at CCHS who aspires to be a college student athlete. The premise is to improve performance, expectations, and reality now and in the future. Sample presentations include: Understanding of the college recruiting process, sports nutrition, study skills and time management strategies for student athletes, image as an athlete, and leadership training. Students will be guided through the process of making sure grades, paperwork, and academic and athletic achievements adhere to specific NCAA, NAIA, NJCAA, or CCCA requirements. Students will work to enhance community relations by being visible entities through their participation in various community service projects. Finally students will support classmates by serving as academic mentors for those in need of support. The class will meet on Monday nights from 6-7:30 pm in Shillinglaw. There will be several guest speakers that will provide helpful insight. If you have questions, please see Kevin Uhlig in room CCHS West 86.

LEADERSHIP - CASE STUDY

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Application	Course length:	1 sem.

This course looks into theoretical styles of leadership. The students will use the class time to discuss issues in leadership (problem-solving, decision making, communication, time management, etc.) during the semester. We will learn how to mobilize resources, within Cherry Creek High School and the community, to solve problems. Students will be expected to apply what they learn in the group time to their experience in the class.

MEDICAL CAREERS

Open to:	Grades 10-12	Credit:	1 unit
Prerequisite:	Application	Course length:	1 year

This class will meet once per week for 2-3 hours. Off-campus trips are made to various medical facilities. This class is designed to provide students with opportunities to investigate and study various medical and paramedical careers. Through these various experiences the student can be helped in choosing a professional career in the field of medicine. Students will also be required to complete weekly papers. Attendance on Tuesdays from 3 p.m - 5 p.m. is mandatory.

MEDICAL VOLUNTEERS

Open to:	Grades 10-12	Credit:	1/2 unit
Prerequisite:	Application. Interest in medical professions and courses in science.	Course length:	1 sem.

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.

NOTES