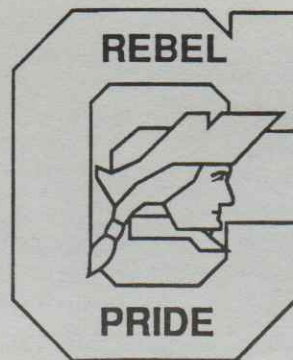


# COLUMBINE HIGH SCHOOL

## 1996 - 1997

### COURSE DESCRIPTION MANUAL

THROUGH THESE HALLS PASS THE FINEST YOUNG PEOPLE IN AMERICA. THE STUDENTS OF COLUMBINE HIGH SCHOOL.



PLEASE KEEP THIS BOOK FOR USE IN OCTOBER 1996 REGISTRATION

# GRADUATION REQUIREMENTS and PLANNING

## GRADUATION REQUIREMENTS:

Students must complete the following course requirements in grades 9-12, for a high school diploma:

	Units/Credits
Language Arts*.....	4.0
Social Studies*.....	3.0
Mathematics*.....	2.0
Science*.....	2.0
Physical Education**.....	0.5
Elective Courses.....	10.5
<b>TOTAL UNITS =</b>	<b>22.0</b>

\*See the special charts in the Language Arts, Social Studies, Mathematics and Science sections for specific course requirements and options.

\*\*For the class of 1992 on, students must have one semester of Physical Education as a graduation requirement. *Bowling* does not satisfy this requirement. Students who have previously taken a PE class (excluding bowling) will have this class apply as the requirement.

Any student who successfully completes twenty-two (22) units of credit in grades 9 through 12, including the required course of study as specified above, shall be awarded a high school diploma.

## ALL ATHLETES PLEASE NOTE:

If you plan to participate in athletics in college at the NCAA Division I or Division II level, you must be certified by the NCAA Initial Eligibility Clearinghouse. The courses that are listed in this course description book that have an (\*) after the title are courses that have been approved by the Clearinghouse as meeting their requirements. The coach of your sport(s) should provide you with all information pertinent to eligibility requirements, or you may see your counselor. However, it is **your** responsibility to be certain you meet **All** of the requirements

## INSTRUCTIONS:

This guide has been compiled for you and your parents to use in planning your program at Columbine High School. It is important to periodically review your educational progress toward your career goals with your parents, adviser and your school counselor. They can assist you in the development of an educational plan that will best meet your individual needs. However, the final decision will be made by you. Take the time to plan your program well.

1. Carefully read the grade level and prerequisites to insure accurate and

appropriate placement. The courses listed in this guide will be offered only when sufficient numbers of students request them during our course selection process. Therefore, it is important to select alternative courses on the worksheet to accommodate change.

2. On this page we have provided a place for you to develop a Four-Year Educational Plan. Please keep this course description guide and plan on file.

3. Every student has been assigned to an advisement group with a faculty adviser who will assist the student with planning and registration.

4. Occasionally, students have chosen to work as student assistants to earn elective credits for graduation. Our student assistant program is designed to provide an educational growth experience in addition to providing essential services for the school staff. A student may register for only one student assistantship per semester. See p.2 for more information.

5. Provide adequate time to carefully consider and plan all your selections.

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Students will need to use this manual for Spring '96 and for Fall (October) '96 registration

## PLANNING YOUR PROGRAM:

1. Know and understand the RE-QUIREMENTS and PREREQUISITES for courses you wish to take, including whether teacher approval is required.
2. Before selecting a subject, check the course description to be sure it fits your needs, interests, abilities and career goals.
3. See your counselor if questions arise about college entrance requirements and career information.

## STUDENT PLANNING INSTRUCTIONS:

1. Record your selections for each year and semester in the appropriate spaces.
2. List possibilities for following years and semesters and update them after your annual registration process is completed.

### **GRADE 9 - FRESHMAN YEAR**

Semester one	Semester two
1 _____	_____
2 _____	_____
3 _____	_____
4 _____	_____
5 _____	_____
6 _____	_____

### **GRADE 10 - SOPHOMORE YEAR**

Semester one	Semester two
1 _____	_____
2 _____	_____
3 _____	_____
4 _____	_____
5 _____	_____
6 _____	_____

### **GRADE 11 - JUNIOR YEAR**

Semester one	Semester two
1 _____	_____
2 _____	_____
3 _____	_____
4 _____	_____
5 _____	_____
6 _____	_____

### **GRADE 12 - SENIOR YEAR**

Semester one	Semester two
1 _____	_____
2 _____	_____
3 _____	_____
4 _____	_____
5 _____	_____
6 _____	_____

**See page 28 for additional planning sheet**

# ASSISTANT PROGRAMS

Course # 220030  
 Grades 11, 12  
 Fee: None

Credit: 0.5/Sem.  
 First Semester  
 Second Semester

### OFFICE EXPERIENCE - ATTENDANCE

Course #220002      Credit: 0.5/Sem.  
 Grades 9,10,11,12      First Semester  
 Second Semester

Prerequisite: Teacher approval  
 Fee: None

### ELEMENTARY TEACHER ASSISTANT PROGRAM

This program is open to students in grades 11 and 12 ONLY. The purpose is to provide a meaningful experience for high school students toward gaining first-hand experience in elementary education. The student will be assisting a cooperating elementary teacher directly with students in a classroom.

Interested students should obtain an application from their counselor.

This course introduces the student to a working office environment, placing emphasis on public relations as well as the use of computers and office machines. The course will help prepare students for possible office careers.

### OTHER OPPORTUNITIES FOR STUDENTS AS ASSISTANTS

Each of these is a one semester elective.

1. For .25 credit:

Students may work as an assistant to a teacher of their choice. Students should see their grade level counselor to register.

2. For .50 credit:

Students may work in the Main Office, Counseling Center, Attendance Office or Library (LMC). These assistant positions must be pre-approved by the staff person in charge of student assistants in the area desired.

Students may not have more than one student assistant position during the same semester.

### OFFICE EXPERIENCE - MAIN

Course # 220001      Credit: 0.5/Sem.  
 Grades 9,10,11,12      First Semester  
 Second Semester  
 Prerequisite:

Teacher approval  
 Fee: None

Students will assist in the operation of the Main Office at CHS. Specific duties will include dealing with the public personally and via telephone. Proper telephone etiquette is a necessity. Delivering communication throughout the building, filing, project assistance and general availability to the administrative secretarial staffs are chief responsibilities.

### GUIDANCE AND COUNSELING CENTER

Course # 220003      Credit: 0.5/Sem.  
 Grades 9,10,11,12      First Semester  
 Second Semester  
 Prerequisite:

Teacher approval  
 Fee: None

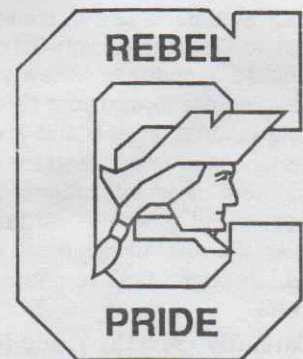
Students will learn to deal effectively with counseling department clientele (students, parents, college representatives, etc.) both in personal interaction and through proper telephone etiquette. In addition to delivering passes and messages to teachers and students, they will learn a number of skills and procedures useful in office work, e.g. filing skills, information research, and referrals to appropriate counselors. They will help orient new students to Columbine High School and help volunteer parents and counselors in the Post Graduate Center.

### LIBRARY INFORMATION AND TECHNOLOGY PROGRAM

Course # 220004      Credit: 0.5/Sem.  
 Grades 9,10,11,12      First Semester  
 Second Semester

Prerequisite: Teacher approval  
 Fee: None

Students will learn the functions of a modern library (LMC) and participate in its operation. They will learn to use multiple forms of accessing information, including CD-ROM, network services and more. Students will learn how to research and answer multiple questions. They will learn about and will maintain an information system.



# ART

## CERAMICS I

Course #020900 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None

Fee: \$10

Students will receive an introduction to the basic skills and principles of three dimensional design, using ceramic techniques such as pinch, coil and slab. Throwing on the potters wheel will be introduced. Basic techniques and information about glazes, kilns and tools will be included, and craftsmanship will be emphasized. Ceramics I also includes health and safety standards, ceramics history, art criticism and aesthetics.

## DRAWING, ADVANCED

Course #020230 Credit: 0.5/Sem.  
Grades 10,11,12 First Semester  
Second Semester

Prerequisite: Drawing I

Fee: \$10

Students will study and improve upon a variety of drawing techniques and observational skills. Students will practice different drawing styles from realistic to abstract and learn to communicate visually through symbols, elements and principles of art. Students will study aesthetics as well as explore artists of the past and present.

## PAINTING I

Course #020300 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: Drawing I

Fee: \$10

Students will study a variety of basic painting techniques and continue drawing skills. Students will practice different painting styles from realistic to abstract and communicate through symbols, styles, elements and principles of art. Artists from the past and present will be explored.

## CERAMICS, ADVANCED

Course #020930 Credit: 0.5/Sem.  
Grades 10,11,12 First Semester  
Second Semester

Prerequisite: Ceramics I

Fee: \$10

Students will refine and improve the basic skills from Ceramics I, with more emphasis on the potters wheel, glaze and clay formulation, various advanced decorating and glazing techniques, and the development of individual style. Ceramics Advanced will include ceramics history, art criticism, aesthetics, and careers in ceramics.

## JEWELRY I

Course #020800 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None

Fee: \$30

Students will learn a variety of basic metalsmithing techniques and skills. Using the elements and principles of art, students will create original designs. Students will study jewelry and metalwork of the past and present, as well as other cultures for its aesthetic qualities. High standards for craftsmanship and safety will also be expected.

## PAINTING, ADVANCED

Course #020320 Credit: 0.5/Sem.  
Grades 10,11,12 First Semester  
Second Semester

Prerequisite: Painting I

Fee: \$10

Students will study and improve upon a variety of painting techniques and continue drawing skills. Students will practice different painting styles from realistic to abstract and communicate visually through symbols, elements and principles of art. Students will study aesthetics as well as explore artists of the past and present.

## DRAWING I

Course #020200 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None

Fee: \$10

Students will study a variety of basic drawing techniques and observational skills. Students will practice different drawing styles from realistic to abstract and learn to communicate through symbols, styles, elements and principles of art. Artists from the past & present will be explored.

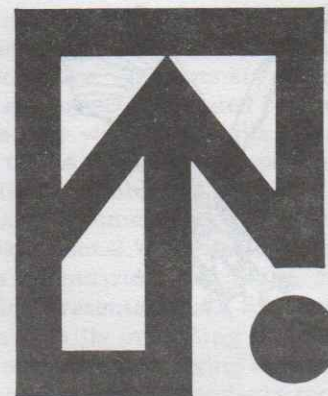
## JEWELRY, ADVANCED

Course #020830 Credit: 0.5/Sem.  
Grades 10,11,12 First Semester  
Second Semester

Prerequisite: Jewelry I

Fee: \$30

Students will learn new techniques as well as continuing to improve on basic skills. Students will learn to communicate visually using symbols, styles, elements and principles of art to create original designs. Jewelry and metalwork of the past and present as well as other cultures will be studied for its aesthetic qualities. High standards for craftsmanship and safety will also be expected.



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**PHOTOGRAPHY I**

Course #020500 Credit: 0.5/Sem.  
Grades 10,11,12 First Semester  
Second Semester

Prerequisite: None  
Fee: \$45

Students will learn basic camera use, processing and darkroom techniques, and finishing and presentation skills. They will also learn the elements and principles of design and the craftsmanship necessary to create a good photo. Photography I will include photo history, art criticism, aesthetics, and safety in the darkroom. Students must have a working 35mm camera.

**PRINTMAKING I**

Course #020400 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: Drawing I  
Fee: \$15

Students will be introduced to various basic printmaking techniques such as woodcut, linoleum, collagraph, and mono-print, using the elements and principles of design and good craftsmanship in the creation of editions of images. Printmaking I will include printmaking history, art criticism, aesthetics and safety.

**SCULPTURE, ADVANCED**

Course #020950 Credit: 0.5/Sem.  
Grades 10,11,12 First Semester  
Second Semester

Prerequisite: Sculpture I  
Fee: \$10

Students will refine ideas and skills learned in sculpture I, adding different materials, more advanced skill, improved craftsmanship, and further development of an individual style. Sculpture advanced will include sculpture history, art criticism, aesthetics, and careers in sculpture.

**PHOTOGRAPHY, ADVANCED**

Course #020530 Credit: 0.5/Sem.  
Grades 10,11,12 First Semester  
Second Semester

Prerequisite: Photography I  
Fee: \$45

Students will learn more advanced camera control, print quality control, and creative darkroom techniques. They will use photography as another means of expression, and work on developing a personal style. Photography advanced will include photo history, art criticism, aesthetics, development of a portfolio of work, and careers in photography. Students must have a working 35mm camera.

**PRINTMAKING, ADVANCED**

Course #020420 Credit: 0.5/Sem.  
Grades 10,11,12 First Semester  
Second Semester

Prerequisite: Printmaking I  
Fee: \$15

Students will explore more advanced printmaking techniques such as silkscreen and etching. There will be more emphasis on using this medium for personal expression, advanced use of principles of design, and craftsmanship. Printmaking advanced will include printmaking history, art criticism, aesthetics, safety and careers in printmaking.

**STUDIO A.R.T. - Advanced Risk Taking**

Course #020990 Credit: 0.5/Sem.  
Grades 11,12 First Semester  
Second Semester

Prerequisite: Teacher approval  
Fee: \$10

This course is open to the highly motivated student who has completed at least 4 semesters in a variety of art courses. The student must be willing to push the boundaries of art in both materials and conceptual thinking. Students will explore a variety of media, with emphasis in one. Thematic topics will serve as jumping-off points to encourage this creative risk taking. A.R.T. will include art history, art criticism, aesthetics, careers in art, and portfolio development.

**SCULPTURE I**

Course #020940 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None  
Fee: \$10

Students will receive an introduction to many possible sculpture materials such as paper, clay, wax, wood, plaster, wire and found objects. They will learn to apply the elements and principles of design in three dimensions, and the use of good craftsmanship. Sculpture I will include sculpture history, art criticism, and aesthetics.

**AMERICAN ART**

Course #020100 Credit: 0.5/Sem.  
Grades 10 Second Semester

Prerequisite: Enrollment in American Studies

Fee: \$10

This class is open to sophomores in American Studies interested in adding an art component to their integration of subjects. The class will be a combination of studio art in various media, art history and original research related to the history and literature studies, with emphasis on critical and creative skills. The class will include both individual and group work on short- and long-range projects.

# BUSINESS / MARKETING

## BUSINESS ARTICULATION CHART

(follow the chart below for courses in the career category of your choice)

	ACCOUNTING	ADMINISTRATIVE Assistant	BUSINESS/MGE.	INFORMATION PROCESSING	MARKETING
9	Intro to Business Computer Creativity Keyboarding I	Intro to Business Computer Creativity Keyboarding I Speedwriting	Intro to Business Computer Creativity Keyboarding Speedwriting	Intro to Business Computer Creativity Keyboarding Speedwriting	Keyboarding Computer Creativity Intro to Business Speedwriting
10	Accounting I Intro to Business Computer Creativity Keyboarding	Accounting I Intro to Business Computer Creativity Keyboarding Speedwriting	Accounting I Intro to Business Computer Creativity Pers/Business Law Speedwriting	Intro to Business Computer Creativity Keyboarding Speedwriting Windows	Accounting Keyboarding Computer Creativity Intro to Business Pers/Business Law Speedwriting
11	Accounting I Accounting II Business Ed I Business Job Pers/Business Law Computer Creativity Keyboarding Marketing I Marketing Job Windows	Accounting I Business Ed I Business Job Computer Creativity Pers/Business Law Speedwriting Windows	Accounting I Business Ed I Business Job Computer Creativity Pers/Business Law Marketing I Marketing Job Marketing Store Lab Windows	Business Ed I Business Job Computer Creativity Keyboarding Pers/Business Law Speedwriting Windows	Accounting I Accounting II Keyboarding Marketing I Marketing Job Marketing Store Lab Pers/Business Law Windows
12	Accounting I Accounting II Business Ed I Business Ed II Business Job Computer Creativity Keyboarding Marketing I Marketing II Marketing Job Windows	Accounting I Accounting II Computer Creativity Business Ed I Business Ed II Business Job Speedwriting Windows	Accounting I Accounting II Business Ed I Business Ed II Business Job Computer Creativity Marketing I Marketing II Marketing Store Lab Pers/Business Law Windows	Accounting I Accounting II Business Ed I Business Ed II Business Job Computer Creativity Keyboarding Pers/Business Law Speedwriting Windows	Accounting I Accounting II Keyboarding Marketing I Marketing II Marketing Job Marketing Store Lab Pers/Business Law Speedwriting Windows

### ACCOUNTING I

Course #031220 Credit: 0.5/Sem.  
Grades 10,11,12 Full Year

Prerequisite: None

Fee: \$5

This course is a comprehensive presentation of modern bookkeeping, accounting theory and practice. It is designed to provide necessary bookkeeping skills to those who plan immediate entry into business and a foundation to those who expect to pursue higher education in business.

### ACCOUNTING II

Course #031250 Credit: 0.5/Sem.  
Grades 11,12 Full Year

Prerequisite: Accounting I

Fee: \$5

This course is a continuation of the principles and theory taught in Accounting I. It is designed for students who are interested in accounting or a related field of business as a career. Accounting II will cover financial reports for partnership and corporation accounting. Students will work with cost accounting and will do analysis of financial statements and appropriate computer applications.

### BUSINESS EDUCATION I

Course #032100 Credit: 0.5/Sem.  
Grades 11,12 Full Year

Prerequisite: Keyboarding I

Fee: \$5

This course helps the student to develop career skills to be successful in the workplace. Students are encouraged to be employed in a related business job where they will apply skills learned in class to the workplace. Topics covered will include: Job Search, Job Skills Testing, Resumes, Interviewing techniques, Personal Work Habits, Computer Skills (calendar, scheduling, E-Mail, & Video Presentations). Students will improve skills in writing business letters, reports and studying international business practices. Students receiving Job Credit should also be enrolled in Business Education I-Job.

FBLA (Future Business Leaders of America): A vocational student organization that develops leadership, social and civic responsibilities. These activities are an essential part of the program and students are encouraged to participate.

**BUSINESS EDUCATION II**

Course #032200 Credit: 0.5/Sem.  
Grade 12 Full Year  
Prerequisite: Keyboarding I  
Fee: \$5

This course is a continuation of the skills learned in Business Education I for the senior business student. Realistic office simulations are provided to develop skills for job competence in the workplace. Students are encouraged to be employed in a business job. Seniors need not to have completed Business Education I as information covered is not dependant on Business Education I. Students receiving Job Credit should also be enrolled in Business Education II--Job.

**INTRODUCTION TO BUSINESS**

Course #030600 Credit: 0.5/Sem.  
Grades 9,10 First Semester  
Second Semester

Prerequisite: None  
Fee: \$5

This is a beginning course for students interested in the field of business. Some topics covered are: consumerism, credit, insurance, saving and investing, government role in the economy, banking, and budgeting. This is an excellent exploratory course for anyone.

**MARKETING EDUCATION I**

Course #042100 Credit: 0.5/Sem.  
Grades 11,12 Full Year  
Prerequisite: None  
Fee: \$5

Marketing Education is a program designed to prepare students for marketing careers through classes that include an opportunity for job placement and participation in DECA (Distributive Education Clubs of America) activities. Students may operate the school store or be employed outside of school for credit. The course includes career exploration, job interview, cashiering, salesmanship, advertising and computer business simulations.

**BUSINESS EDUCATION I--JOB  
BUSINESS EDUCATION II--JOB**

Course #032210 Credit: 0.5/Sem.  
Course #032210 Full Year  
Grades 11,12

Prerequisite: Prefer student is enrolled in Business Ed I or II.  
May be enrolled in other Business Class.

Fee: None

Students contract with the teacher and employer to work a minimum of 15 hours per week. Teacher, employer, and student develop a meaningful training plan and evaluation to develop positive job competencies. See your counselor or a Business Teacher for more information.

**INTRODUCTION TO WINDOWS**

Course #031910 Credit: 0.5/Sem.  
Grades 9,10, 11, 12 First Sem.  
Second Sem.

Prerequisite: None  
Fee: \$5

Students will learn the fundamentals of working in the Windows For Work Groups environment. Applications will include projects in Windows, Word for Windows, Excel, Access, Powerpoint and Microsoft Publisher. No prior computer experience is necessary.

**MARKETING EDUCATION II**

Course #042200 Credit: 0.5/Sem.  
Grade 12 Full Year

Prerequisite: Marketing I or Teacher approval

Fee: \$5

The Marketing Education II program is a more advanced, in-depth study, designed with the emphasis on managerial competencies. Specific subjects covered include: marketing research, professional sales, business ownership, entrepreneurship, business communications and management. A job is required, when possible, and help is provided to obtain employment in one of the many local cooperative businesses. Students must belong to DECA, the student organization for Marketing Education.

**COMPUTER CREATIVITY**

Course #031920 Credit: 0.5/Sem.  
Grades 9,10, 11, 12  
Prerequisite: None  
Fee: \$5

Have fun with your computer! Projects in this class will teach the student to use his/her personal computer with a variety of software. Both DOS and Windows based software will be used. Students will learn to publish newsletters, create artwork, scan and import graphics, use drawing/painting software, use spreadsheets, and databases. Projects using the Internet are also planned.

**KEYBOARDING I**

Course #030100 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None  
Fee: \$5

This computer course is designed for students with a varied level of keyboarding experience, from *BEGINNER* to *INTERMEDIATE*. Fundamental skills using touch typing, appropriate key stroking and formatting, combined with increasing speed with accuracy is emphasized. Students will become competent in converting rough-copy, as well as original material to professional documents. This lifelong skill is a necessity for success in today's world!!

**MARKETING EDUCATION I--JOB  
MARKETING EDUCATION II--JOB**

Course #042110 Credit: 0.5/Sem.  
Course #042210 Full Year  
Grades 11,12

Prerequisite: Concurrently enrolled in Marketing Education  
Teacher approval

Fee: None

Teacher/coordinator helps students find marketing related jobs and works with their employers in developing the students' marketing skills. Students must concurrently pass the Marketing Education class to receive credit for on-the-job training.

**MARKETING EDUCATION--SCHOOL STORE**

Course #042215 Credit: 0.5/Sem.  
Grades 11,12 Full Year

Prerequisite: Concurrently enrolled in Marketing Education  
Teacher approval

Fee: None

Students have the opportunity to work in and manage the school store during and after school hours. Inventory procedures, cashiering, salesmanship, marketing and management skills are included.

**PERSONAL/BUSINESS LAW**

Course #031620 Credit: 0.5/Sem.  
Grades 10, 11,12 First Semester  
Second Semester

Prerequisite: None  
Fee: None

Business law is a course designed to acquaint students with the legal system in the United States, how it operates, and how it affects them in their everyday lives. Students will also learn how their responsibilities as minors change upon reaching maturity, the laws that affect them as consumers, the buying or leasing of property, contracts, insurance and commercial paper.

**SPEEDWRITING/NOTETAKING**

Course #031420 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None  
Fee: \$5

Speedwriting is an abbreviated alphabetic system designed to help students take more useful notes on their reading, lectures and discussions. Vocabulary improvement, spelling and punctuation review are also covered.

## COMPUTERS

**STRUCTURED BASIC\***

Course #202400 Credit: 0.5  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: Geometry

This course concentrates on the concepts of structured programming. This structured method includes using a modular approach to problem solving and the use of well defined programming structures. The student will use this structured approach and the BASIC language to solve a variety of problems throughout the course.

**COMPUTERS A-Z**

Course #202610 Credit: 0.5  
Grades 9, 10,11,12 First and/or  
Second Semester

Prerequisite: None

This course offers students an opportunity to build and repair computers and to understand computer technology. Understanding Interner, Visual Basic, Windows, and Networks will be stressed.

## GUIDANCE

**OUTDOOR LAB LEADER**

Course #002000 Credit: 0.25/Sem.  
Grades 11,12 First Semester  
Second Semester

Prerequisite: Counselor approval

Juniors and seniors who assist elementary schools as High School Leaders at one of the Outdoor Education Laboratory Schools for one week receive one-fourth credit. Students will work with elementary classroom teachers. During the planning and preparation stage, students will attend a weekend workshop.

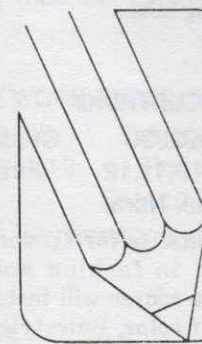
They will be expected to assist with teaching small groups of sixth graders, supervising dormitory/cabin and cafeteria activities, and carrying out other duties during the week on site. Students are responsible for making up class work missed at Columbine while they are at Outdoor Lab School.

**PEER COUNSELING**

Course #220080 Credit: 0.5/Sem.  
Grade 12 Full year

Prerequisite: Interview

This course is designed to train second semester juniors to be peer counselors. The students are selected by an application/interview process, and upon selection, are taught to provide appropriate support services to fellow students. After the training is complete, students serve in the Counseling Center during their senior year under the supervision of adult counselors. Some of the services provided by peer counselors include: teaching workshops, leading elementary students in the Positive Role model program, tutoring, co-facilitating groups with adult counselors, providing academic support for students who have been referred by staff members, assisting new students, etc.



Grading is on a pass/fail basis with performance being evaluated by the teachers and principals at OELS.

# LIFE MANAGEMENT

## CHILD DEVELOPMENT/PARENTING

Course #091210 Credit: 0.5/Sem.  
Grades 10,11,12 Second Semester  
Prerequisite: None

This course focuses on the child from conception through preschool. Units on skills relating to the care and guidance of nursery and preschool children are included, with hands-on experience in a day-care facility. Importance of early training is stressed. This course is designed for the student selecting a career relating to children and to aid students in positive parenting.

## CREATIVE FOODS

Course #092410 Credit: 0.5  
Grades 10,11,12 First Semester

Prerequisite: None  
Fee: \$15

This course is designed to develop skills in entertaining and food for fun through lab experiences in the following areas: creme puffs, crepes, appetizers, cake decorating, two crust pies, yeast breads, desserts, candy making and creating and operating a Mexican restaurant, as well as other labs. Emphasis is placed on learning how to operate all small equipment and use of the appliances during labs.

## FASHION /CLOTHING

Course #092330 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Prerequisite: None

This class is for students who are interested in fashion and personal image. The course will include personal analysis of color, hairstyles and body shapes. Students will learn how to plan and accessorize their wardrobe to fit their lifestyle and budget, operate a sewing machine, and construct a garment. Information on fashion trends, styles and careers will also be included.

## FOOD EXPERIENCES

Course #090950 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None  
Fee: \$10

This course includes preparation of meats, vegetables, salads, quick and yeast breads, cakes, meringue pies, and ice cream. Nutrition, use of the microwave, table settings and wise spending of the food dollar are included.

## FOREIGN/GOURMET FOODS

Course #092450 Credit: 0.5  
Grades 11,12 Second Semester

Prerequisite: Previous food preparation class

Fee: \$20

Eating habits, customs and traditional foods from various foreign countries will be explored and typical meals will be prepared in the weekly labs. Gourmet style cooking as perfected in France will be emphasized. Unique pastries and tempting desserts are a part of the study of haute, provincial and nouvelle French cuisine.

## TEEN LIVING

Course #090940 Credit: 0.5/Sem.  
Grades 9,10 First Semester  
Second Semester

Prerequisite: None

This course includes large and small group activities designed around the challenges facing teenagers today. These activities will help the students to understand themselves and their relationships with others. Topics to be discussed and explored include: peer pressure, dating, suicide, teenage pregnancy, sexually transmitted diseases, AIDS, drug abuse, alcoholism, smoking, adjustments to divorce and positive relations with parents. Each class will select a project to be designed and completed by them that will contribute positively to our school or the community.

## INTERIOR DESIGN

Course #090720 Credit: 0.5/Sem.  
Grades 10,11,12 First Semester  
Prerequisite: None

This course will help students choose and create an enjoyable atmosphere in which to live. Architectural styles and housing needs will be explored. Learning to work with floor plans when designing is the beginning of the Dream Home concept. Color and its influence with floor coverings, window treatments, wall coverings, and furnishings is a major concept. Students learn to incorporate elements and principles of design as they create a personal sketch book which will be useful in years to come. Creativity and individuality are encouraged. Careers in the field of Interior Design will be explored and field trips will enhance the classroom experience.

## RELATIONSHIPS AND FAMILY LIFE ISSUES

Course #091730 Credit: 0.5/Sem.  
Grades 11,12 First Semester  
Second Semester

Prerequisite: None

This course is a must for young women and men who want to establish meaningful and lasting relationships based upon their value system. Understanding of oneself, personal interactions, and adult lifestyles is the basis of the study as seeking a life partner emerges. Family issues and support systems in society are investigated. The optional activity of a Mock Wedding is often included.

## INDEPENDENT LIVING

Course #091740 Credit: 0.5/Sem.  
Grades 11,12 First Semester  
Second Semester

Prerequisite: None

The course is designed to provide young men and women with skills for managing a home of their own. Life management skills such as job and career goals, finances (budgeting, checking, credit, insurance, investments), personal/family resources, apartment selection, car buying and individual wellness will be provided.

**WORLD OF WORK I**

Course #095800 Credit: 0.5/Sem.  
Grades 11,12 Full Year

Prerequisite: None  
Fee: \$10

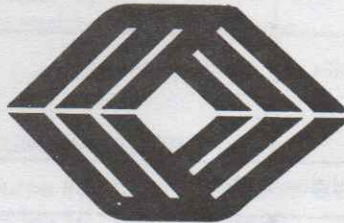
This course is in conjunction with WOW-OJT (on the job training) and thus offers 1/2 credit each for a semester. Students have an opportunity to identify a career interest and explore it in classroom study as well as through a job in the community. Students with occupational interests in food service, interior design, fashion and clothing, health occupations, child care, industrial housekeeping and similar fields are encouraged to enroll. Human relations skills and methods for getting and keeping employment are emphasized in this class. This cooperative education class gives young men and women a head start in the working community as well as educational support. Participation in the HERO (Home Economics Related Occupations) vocational student organization enhances leadership skills and offers competition opportunities.

**WORLD OF WORK II**

Course #095802 Credit: 0.5/Sem.  
Grade 12 Full Year

Prerequisite: WOW I, WOW-OJT,  
teacher approval  
Fee: \$10

Students enrolling in WOW II will also enroll in WOW-OJT and are required to seek and maintain a job concurrently while enrolled in the class. This course is an extension of the World of Work I Curriculum offering more in depth techniques for becoming a success in the business world. Teacher/coordinator assists students and works with their employers to develop employability skills.

**WORLD OF WORK - OJT  
WORLD OF WORK II - OJT**

Course #095810 Credit: 0.5/Sem.  
Grades 11,12 Full Year

Prerequisite: Concurrently enrolled in  
World of Work, teacher  
approval

Fee: None

Students agree to work approximately 15 hours weekly and must be passing the World of Work class in order to receive credit for On the Job Training in the Life Management Department. The teacher/coordinator will assist the students in finding a job and will work with the employer to develop employability skills in classroom study. Students traditionally entertain their employers at an Employer Appreciation event in the spring.

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## INDIVIDUAL SERVICES

**INDIVIDUAL SERVICES**

There are two parts to the Individual Services Program: the EH program and the WES program. Potential students for these programs need recommendations, parent consent and a screening process before being considered for either program. Final admission is by recommendation of the Columbine High School SERS team.

**THE EH / WES PROGRAM** is an individualized program to assist students who have special learning needs. The EH/WES labs offer credit in the classes listed below. Students may find out more about the program from their counselors or the EH/WES teachers. Students may be placed into regular classrooms where their EH teacher shares and cooperates with the teaching responsibilities for that class.

**LANGUAGE ARTS**

Course #190500 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: Teacher approval

**MATHEMATICS**

Course #191100 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: Teacher approval

**LEARNING STRATEGIES**

Course #190570 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: Teacher approval

**CAREER & VOCATIONAL EDUCATION**

Course #190002 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: Teacher approval

**COMMUNITY WORK EXPERIENCE**

Course #190003 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: Teacher approval

**TRANSITIONS**

Course #190030 Credit: 0.5 /Sem.  
Grade 9, 10, 11, 12

This class will consist of a coordinated set of activities based upon the individual student's needs. It will take into account the student's interests, experiences, and will include instruction, community experiences, the development of employment, and other postschool adult living objectives.

# LANGUAGE ARTS

The Language Arts curriculum is composed of four components: literature, composition, language study and oral language. By the time students have completed their junior year, requirements in all of these components should have been met. In the twelfth grade, students may continue courses in these components or choose department electives.

REQUIRED COURSES	9th	10th	11th	12th
9th Language Arts	American Lit./Comp. or American Studies	World Studies	*AP English *Comp College-Bound/Major British Writers *Analytical Reading for the college bound *Humanities *Humanities II  Advanced Acting/Play Production Critical Reading/Reading Literature Contemporary Lit/Creative Writing Senior Studies/Technology  <i>*These are recommended for college-bound students.</i>	
9th Basic Language Skills	10th Basic Language Skills	American Lit/Comp ACE	World Studies Crit Reading/Reading Lit Contemporary Lit/Creative Writing Senior Studies/Technology Humanities I/II	
<b>ENRICHMENT COURSES (May be taken as an additional class.)</b>				
Forensics Debate Journalism	Forensics Debate Journalism Beginning Acting Newspaper Literary Magazine/ Creative Writing	Forensics Debate Journalism Beginning Acting Newspaper Publications Literary Magazine/ Creative Writing Advanced Acting	Forensics Debate Newspaper Publications Literary Magazine/Creative Writing Advanced Acting/ Play Production	

### FRESHMAN LANGUAGE ARTS\*

Course #050031 Credit: 0.5/Sem.  
Grade 9 (comp./lit./oral  
comm./lang. study)  
Full Year

Prerequisite: None  
Fee: Yes

This course is designed to facilitate the transition from middle school to senior high. Students will continue to sharpen reading, writing and study strategies; interact with and evaluate sources of information for writing, discussion and speaking projects; read and understand literature, especially mythology, poetry, fiction and classical drama; and respond to this literature by creative writing activities and analysis. Students will engage in a structured vocabulary program.

### BASIC LANGUAGE SKILLS, 9th

Course #050131 Credit: 0.5/Sem.  
Grade 9 (comp./lit./oral  
comm./lang. study)  
Full Year

Prerequisite: Recommendation of  
Department Chair

Fee: Yes

Students will develop vocabulary, study grammar and spelling, improve reading and comprehension, and develop composition and speaking skills. In addition, they will read and analyze fiction and non-fiction works.

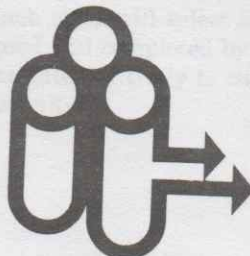
### BASIC LANGUAGE SKILLS, 10th

Course #050142 Credit: 0.5/Sem.  
Grade 10 (comp./lit./oral  
comm./lang. study)  
Full Year

Prerequisite:  
Recommendation of  
Department Chair  
Fee: Yes

Students will develop vocabulary, study grammar and spelling, improve reading and comprehension, and develop composition skills. In addition, they will read and analyze American fiction, poetry and non-fiction works.

Since no BLS courses are offered for students in their junior and senior years, special emphasis is placed on preparing students for re-entry into the regular Language Arts program at the level of 10th or 11th grades.



**AMERICAN LITERATURE/  
COMPOSITION\***

Course #051011 Credit: 0.5/Sem.  
Grade 10 (lit./oral comm.  
comp., lang. study)  
Full Year

Prerequisite: None  
Fee: Yes

Students will study American literature in two parts. In the first semester (which encompasses literature from 1600 to 1900), students will read and analyze major works of poetry, fiction, and essay. During the second semester (1900 to present) students will read major works which focus on the development of America.

Each semester also will include a composition component during which students will write a variety of personal, literary and researched essays. Speaking activities, grammatical analysis and vocabulary enrichment will be stressed.

**AMERICAN STUDIES\***

Course #051015 Credit: 0.5/Sem  
#151205 Lang. Arts  
Grade 10 (lit., oral comm.,  
comp., lang. study)  
0.5/Sem.  
Soc. Studies  
Full Year

Prerequisite: None  
Fee: Yes

American Studies will be structured using an historical time line as a basis for the study of American history and literature. Integrated into the course will be American language, art, music and philosophy. The course will be structured as a two-hour block and will satisfy the sophomore required social studies credit as well as language arts requirements of composition, literature, speech and language study.

**WORLD STUDIES/COMPOSITION\***

Course #051400 Credit: 0.5/Sem.  
Grade 11 Full Year  
Prerequisite: None  
Fee: Yes

Students will study World literature in two parts. In the first semester (which encompasses literature from the 1800 to the present) students will read and analyze major works from a variety of different countries/cultures. During the second semester (3000 B.C to 1800 A.D.) students will read major works which focus on the development of mankind.

Each semester also will include a composition component during which students will write a variety of personal, analytical and researched essays and a resume. Speaking activities and vocabulary enrichment will continue.

**BEGINNING ACTING\***

Course #054215 Credit: 0.5/Sem.  
Grades 10, 11 (oral)  
First Semester

Prerequisite: None  
Fee: None

Students will observe, explore and develop acting technique through mime, characterization/voice activities and group scene work. Familiarity with and use of theatre terminology as well as written play and character analysis will also be covered in this activity-oriented class.

**ADVANCED ACTING/PLAY  
PRODUCTION**

Course #054220 Credit: 0.5/Sem.  
Grades 11, 12 2nd Semester  
Prerequisite: Beginning Acting &  
Instructor Permission

Students will further develop voice, characterization, and acting skills with intense small-group scene work and a theatre history unit. Written play, character, and activity analyses will also be required. For the Production segment, students will learn all the techniques for producing a live scene and assume responsibility for its direction. Extensive out-of-class time for rehearsals and a cooperative spirit are essential.

**ADVANCED PLACEMENT ENGLISH\***

Course # 055031 Credit: 0.5/Sem  
Grade 12 (comp. lit., oral  
comm., lang. study)  
Full Year.

Prerequisite: Teacher Approval  
Fee: Yes

The Advanced Placement English course is designed to prepare students to think critically about literature, to prepare formal, collegiate-level essays, and to master in-class timed writings. An honors class, the course covers literary masterpieces from the Ancient Greeks to Medieval period, the Renaissance and the modern world. Students build a foundation in literature to support further college studies.

Students who take AP English take exams given by the College Board each year in May. Students who can pass this examination may earn college credit and/or placement.

**COMPOSITION FOR THE  
COLLEGE-BOUND\***

Course # 051040 Credit: 0.5/Sem  
Grade 12 First Semester

Prerequisite: None  
Fee: None

In addition to writing a major research paper utilizing primary and secondary sources, students will also write letters and reviews and develop projects relating to the course. They will continue to write critical analysis, literary, personal and reflective essays. Students will also learn to access, critique and use a variety of information sources, as well as comparative literature

**MAJOR BRITISH WRITERS\***

Course # 051041 Credit: 0.5/Sem  
Grade 12 Second Semester

Prerequisite: None  
Fee: None

In this course, students will examine and write about works from the Anglo-Saxon period through Chaucer, Shakespeare and Milton, into the 19th and 20th century. They will look particularly at the development of English as a language and the evolution of various literary genre. Students will also explore philosophical, literary, historical and critical sources which enhance this literature.

**CONTEMPORARY LITERATURE/  
CREATIVE WRITING\***

Course #051074    Credit: 0.5/Sem.  
Grade 12            (comp./lit.)  
First Semester  
Second Semester

Prerequisite: None  
Fee: None

Students will be introduced to themes in contemporary fiction, non-fiction and poetry. They will discuss themes that reflect our contemporary world and will analyze modern writing strategies.

They will also explore their own fiction and poetry writing, producing short stories and a poetry collection.

**SENIOR STUDIES/TECHNOLOGY**

Course #051078    Credit: 0.5/Sem.  
Grade 12            Second Semester

Prerequisite:  
Language Study/  
Composition

Fee: Yes

This course will explore technology literacy through contemporary reading, writing and computer-based research projects geared toward technology and how it changes our lives. The class will incorporate a hands-on approach to using technology in the development of Clarisworks, internet research/speaking and video-production projects. Students will contract for target grades in this course.

**CRITICAL READING/READING  
LITERATURE\***

Course #056020    Credit: 0.5/Sem.  
Grade 12            First Semester  
Second Semester

Prerequisite: None  
Fee: Yes

Students will read a variety of fiction and non-fiction books within guidelines from the teacher. They will increase their ability to analyze, evaluate and critique these books by reacting to them, reporting on and analyzing their content. Essay tests are given on all literature read the second quarter. They will also increase their speed and comprehension. Extensive vocabulary study is included. This is a skills class and not a literary one.

**ANALYTICAL READING FOR THE  
COLLEGE-BOUND**

Course #056025    Credit: 0.5/Sem.  
Grade 12            First Semester  
Second Semester

Prerequisite: None  
Fee: None

Students will enhance their ability to analyze, evaluate and critique many fiction and non-fiction literary selections. Quality literature will be used with an emphasis on college preparatory materials. Extensive vocabulary and semantics study will enable students to read more efficiently.



**HUMANITIES\***

Course #055010 Credit: 0.5/Sem.  
Grade 12 (lit., elective.)  
First Semester  
Second Semester

Prerequisite: None  
Fee: None

The focus of the course is on how art reflects the philosophy of the age that created it. Students examine representative examples from the visual arts, music and literature. In addition, students are introduced to the basic principles of each genre. They are encouraged to attend live performances and to visit galleries.

**HUMANITIES II**

Course #055015 Credit: 0.5/Sem.  
Grade 12 (elective)  
Second Semester

Prerequisite: None (Students who completed Humanities I first semester may also elect this course, but it is not required.)

Fee: None

Students will examine the visual arts, music, and literature produced during the classic ages and the romantic eras. Students will compare and contrast the classical world view and the romantic tradition. The course will also contain an exploration of the contemporary world.

**JOURNALISM\***

Course #051050 Credit: 0.5/Sem.  
Grades 9,10 (elective)  
Second Semester

Prerequisite:  
Teacher approval  
Fee: None

Students will focus upon accurate, factual writing in straight news, feature news, sports news and editorials. In addition, they will learn computer layout skills, headline design and writing, newspaper makeup, copy-reading and proofreading. Photojournalism and yearbook responsibilities will also be addressed.

**FORENSICS\***

Course #054030 Credit: 0.5/Sem.  
Grades 9,10,11,12 (oral)  
First Semester  
Second Semester

Prerequisite: Teacher approval  
Fee: None

Students will develop skills in oral interpretation of poetry, as well as in humorous and dramatic literature. This course provides training for interscholastic competition, concentration on intensive practice, criticism and evaluation.

This course involves interscholastic competition.

**COMPETITIVE DEBATE\***

Course #054040 Credit: 0.5/Sem.  
Grades 9,10,11,12 (oral)  
First Semester  
Second Semester  
Prerequisite:

Teacher approval  
Fee: None

Students will develop skills in extemporaneous speaking, original oratory, cross-examination debate and Lincoln-Douglas debate. This course provides training for interscholastic competition, concentrating on intensive practice, criticism and self evaluation.

This course involves interscholastic competition.

**PUBLICATIONS**

Course #051090 Credit: 0.5/Sem.  
Grades 11,12 (elective)  
First Semester  
Second Semester

Prerequisite: Advisor approval  
Fee: None

Students will prepare, publish, and distribute the school yearbook. Many of the skills of journalism will apply. Using advanced Macintosh technology, students will learn to lay out and design a format for publication.

**NEWSPAPER**

Course #051080 Credit: 0.5/Sem.  
Grades 10,11,12 (elective)  
First Semester  
Second Semester

Prerequisite: Advisor approval  
Fee: None

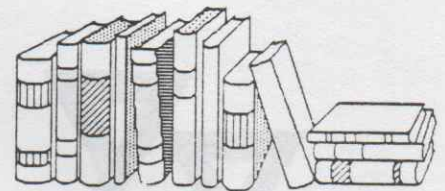
Using advanced Macintosh technology, students will prepare, publish and distribute a school newspaper. All the skills of journalism will be used.

**LITERARY MAGAZINE/CREATIVE WRITING**

Course #051100 Credit: 0.5/Sem.  
Grades 10, 11,12 (electives)  
Second Semester

Prerequisite: Advisor approval  
Fee: None

Literary Magazine/Creative Writing is a course designed to promote creative thinking skills and to focus on the writing of polished short stories and poetry. Students will contribute manuscripts in both short story and poetry and will participate in workshops to critique and to edit individual work. During 4th quarter, the class will design and edit a printed literary publication to be made available to the student body.



# MATH

## GEOMETRY\*

Course #110531 Credit: 0.5/Sem.  
Grades 9 Full Year

Prerequisite: None

This course investigates logical reasoning including inductive and deductive reasoning, geometric figures and their properties, transformations, Pythagorean Theorem, measurements including area and volume, and trigonometry. Students investigate alone and in groups with concrete, physical materials to make and test conjectures. Concepts are first introduced visually, then analytically, then inductively, and finally deductively.

## INTERACTIVE MATH I\*

Course #110500 Credit: 0.5/Sem.  
Grades 9 Full Year

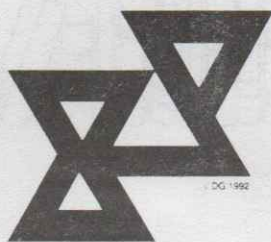
Interactive Math 1 is the first year of a four-year college preparatory program designed to challenge students with a problem-based curriculum. This program was developed to better prepare students for today's society. Topics integrated throughout the course include algebra, geometry, probability, data analysis, and trigonometry. Instructional strategies incorporated into the classroom include the use of technology, manipulative materials, cooperative learning, and oral presentations. Writing will also be an integral part of the course. All of the strategies enable students to clarify their thinking, examine thoughts, and communicate their reasoning.

## INTERACTIVE MATH 2\*

Course #110501 Credit: 0.5/Sem.  
Grades 10 Full Year

Prerequisite: IMP 1

This course is a continuation of IMP I. See above for description.



## ALGEBRA II\*

Course #110600 Credit: 0.5/Sem.  
Grades 10,11,12 Full Year

Prerequisite: Geometry

Topics include sets and logic, open sentences, solutions of polynomial equations, number systems, relations and functions, quadratic equations, and exponential and logarithmic functions. A scientific calculator is required.

## STATISTICS FOR THE COLLEGE BOUND\*

Course #110560 Credit: 0.5/Sem.  
Grades 10,11,12 First Semester  
Second Semester

Prerequisite: Alg. II first semester, or concurrently with Alg. II second semester\*

Presented in this course is a general overview of statistical methods that are used in analyzing data and determining the validity of research. It deals with a field in which data is collected and analyzed for the purpose of drawing conclusions. The course will be helpful for students considering fields in the liberal arts or research. Some of the topics included in this course are probability, measures of central tendency for grouped or ungrouped data, histograms, random sample, central limit theory, hypotheses testing, correlation coefficient and misuse of statistics.

A scientific calculator is required.

\* Statistics may be taken concurrently with Trigonometry-Math Analysis, Calculus or during second semester of Algebra II.

## ALGEBRA I\*

Course #110400 Credit: 0.5/Sem.  
Grades 10,11,12 Full Year

Prerequisite: None

This course is an exploration of the behavior of numbers and the basic structure of algebra. Included in the course are problem-solving skills based upon equations and in equations, graphs, simultaneous equations, factors, exponents and radicals, fractions, ratio and proportion, properties of real number operations, quadratic equations, and polynomials. A four-function calculator with positive/negative, memory, and square root keys is required. A scientific calculator is recommended.

## TRIGONOMETRY-MATH ANALYSIS\*

Course #110690 Credit: 0.5/Sem.  
Grades 11,12 Full Year

Prerequisite: Algebra II-2

Students study different classes of functions and their inverses - linear, quadratic, polynomial, rational, trigonometric, logarithmic, exponential - and use graphing calculators extensively to mathematically model real world problems. Other topics include matrices and the elementary calculus concepts of limits, continuity, and derivatives. The ability to visualize a problem is a critical part of the student's ability to solve the problem and the development of this skill is stressed in the class. A graphing calculator is required. They may be rented for \$10 per semester.

## AP CALCULUS\*

Course #110840 Credit: 0.5/Sem.  
Grade 12 Full Year

Prerequisite: Trigonometry- Math Analysis

Fee: Students must purchase the text (approximately \$55). The AP test is optional and costs \$71.

The Jefferson County Board of Education has authorized the high schools in Jefferson County to offer Advanced Placement (AP) Calculus if there is a local need and adequate staff available to offer the course. The student is expected to take the AP exam in May. If the student satisfactorily completes the exam, it is possible to apply for college credits at participating colleges and universities.

Topics included in this course are a review of algebra topics, functions, limits and continuity, integration, application of integration, derivatives, applications, logarithmic and exponential functions, graphs and differentials. A graphing calculator is required.

## APPLIED MATHEMATICS

Course #110830 Credit: 0.5-Math Sem.  
Grade 12 0.5-Life Skills Sem.  
Full Year

Prerequisite: Teacher Approval

Two-hour block in ACE program. See page 26.

# MUSIC

## MUSIC:

### MUSIC THEORY I

Course #120400 Credit: 0.5/Sem.  
Grades 11,12 First Semester  
Second Semester

Prerequisite: Teacher approval and good knowledge of an instrument, choral experience or a background of private music instruction.

Music Theory I will consist of part writing with traditional harmonies, learning the keyboard, sight singing and ear training in pitch and rhythm, simple arranging for band, choir and orchestra, and developing a great appreciation for music. This course will provide a thorough background in the fundamentals of music.

## INSTRUMENTAL MUSIC:

All students in Marching Band are required to pay a uniform fee. Use of school-owned instruments also requires a \$60.00 per year rental fee.

### JAZZ BAND

Course #120750 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: Teacher approval and audition. Must be enrolled in Concert/ Marching Band or Percussion Ensemble.

This is an auditioned performing group which studies and performs in the jazz idiom. Special emphasis is placed upon improvisation and playing in the correct style, whether it be swing, blues, rock, latin and others. This group performs in several festivals each year in addition to concerts.

### JAZZ ENSEMBLE

Course #120755 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: Teacher approval. Must be enrolled in Concert/Marching Band or Percussion Ensemble.

This group is open to students who wish to learn jazz playing. The fundamentals of improvisation will be covered as well as play in correct styles. This is a good place to improve jazz skills.

### CONCERT/MARCHING BAND

Course #120730 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None

In the fall, this is the Marching Band and at the conclusion of marching season, it becomes a Concert Band. It continues second semester as a Concert Band without the Wind Ensemble members. The Rebel Marching Band performs at all home football games, a few parades and several field competitions including the Colorado State Championships.

The Marching Band is open to any Columbine student and there are no auditions except for Color Guard. Students with little or no previous experience, who are willing to work to learn an instrument, may be in Marching Band.

There are some required extra

The Color Guard is a part of this course in the fall and is the only part which is by audition. Any Columbine student is welcome to try out for Color Guard during the previous spring,

rehearsals. All extra rehearsals end at the conclusion of the Marching Band season in November. This is considered a full year course.

The Second Semester part (Concert Band) may also include some Wind Ensemble members who wish to learn a second instrument.

### INSTRUMENTAL TECHNIQUES

Course #120735 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester

Prerequisite: None

This is a class for students to learn a new instrument. It is also an overflow class for the Marching Band that may have too many certain instruments. This is a non-performance class first semester, although students may audition for the concert ensembles second semester.

### PERCUSSION ENSEMBLE

Course #120770 Credit: 0.5/Sem.  
Grades 9,10,11,12 Second Semester

Prerequisite: None

This course is designed for all percussionists in band. The class will study and perform various types of percussion music as well as the marching cadence and concert music.

### STRING ORCHESTRA

Course #120800 Credit: 0.5/Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: One year experience

String students will study and perform string literature of various periods with an emphasis on style and musicality. While previous experience is useful, there are opportunities for students to begin an orchestral string instrument.

### WIND ENSEMBLE

Course #120740 Credit: 0.5/Sem.  
Grades 9,10,11,12 Second Semester

Prerequisite: Audition. Must be in Concert/Marching Band

This is a select concert band for students who wish an in-depth study of some of the outstanding serious band literature. Membership is by audition from the first semester Marching Band. This group will perform in concerts, in addition to a few festivals.

### BEGINNING GUITAR

Course #120760 Credit: 0.5/Sem.  
Grades 9, 10, 11, 12 First Semester  
Second Semester

Prerequisite: Guitar  
Textbook Fee: \$5

Emphasis on reading music, guitar chords, and strumming techniques. You must have your own guitar



**VOCAL MUSIC:**

All students enrolled in choir classes are required to pay a fee of \$7 for robe cleaning and folder use. Ensemble students are financially responsible for required outfits.

**ADVANCED WOMEN'S CHORUS**

Course #120520 Credit: 0.5/Sem.  
 Grades 9,10,11,12 First Semester  
 Second Semester

Prerequisite: None  
 Fee: \$7

Advanced Women's Chorus is an advanced vocal group for women. This group will study more advanced choral literature, more difficult part-singing and advanced vocal problems.

**ADVANCED MIXED CHORUS**

Course #120540 Credit: 0.5/Sem.  
 Grades 9,10,11,12 First Semester  
 Second Semester

Prerequisite: Audition  
 Fee: \$7

For course description, see Advanced Women's Chorus.

**COLUMBINE BELLES**

Course #120510 Credit: 0.25/Sem.  
 Grades 11,12 First Semester  
 Second Semester

Prerequisite: Audition

This course is an extracurricular show choir for girls that will meet three days a week before school. For course description, see Columbine Blue.

**COLUMBINE BLUE**

Course #120650 Credit: 0.5/Sem.  
 Grades 11,12 First Semester  
 Second Semester

Prerequisite: Audition

This course is a show choir with emphasis on choreographed performance. It requires a high level of musical skill and a great deal of extracurricular time for community performances.

**WOMEN'S CHAMBER CHOIR**

Course #120620 Credit: 0.5/Sem.  
 Grades 10,11,12 First Semester  
 Second Semester

Prerequisite: Audition  
 Fee: \$7

A high-level select group of advanced voices whose course of study will be similar to Concert Choir with the exception of a repertoire designed for a smaller choir of treble voices.

**CONCERT CHOIR**

Course #120600 Credit: 0.5/Sem.  
 Grades 11,12 First Semester  
 Second Semester

Prerequisite: Audition  
 Fee: \$7

Concert Choir is the most advanced performing group in the vocal program. Emphasis of this group will be on advanced choral techniques, advanced vocal production, a wide variety of choral literature, a study of stylistic considerations, and performance. Auditions will test for vocal range and control, tone quality and sight reading ability. Depending upon the school, it may be called A Cappella Choir, Chorale or Chamber Chorale.

**FRESHMAN/SOPHOMORE CHOIR**

Course #120560 Credit: 0.5/Sem.  
 Grades 9,10 First Semester  
 Second Semester

Prerequisite: Audition  
 Fee: \$7

This course is a performing group for advanced younger singers. Emphasis will be on proper vocal techniques and advanced choral literature. A study of vocal problems for the changing voice will be included.



# PHYSICAL EDUCATION

**P.E. classes require the purchasing and wearing of a special Columbine High School P.E. uniform at a cost of \$17.00. In addition, P.E. students must wear tennis shoes compatible to our gym floor. (no black soles)**

Welcome to the continuing challenge of good health and physical education. We know that in our offerings you will find a class that will be appealing to you and from which you can benefit. Don't be surprised if you find yourself hooked on P.E. for the rest of your life.

**All P.E. classes except Bowling will meet the graduation requirement for Physical Education.**

**All P.E. classes will have fitness related components incorporated into them.**

## TEAM SPORTS - COMBO

Course #080400 Credit: 0.5/em.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None  
Fee: None

This course will include competition team activities in sports such as basketball, volleyball, flag football, soccer, floor hockey, speedball, team handball and softball. Emphasis will be on team competition in these activities.

## WEIGHT TRAINING

Course #080550 Credit: 0.5/ Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None  
Fee: None

This course emphasizes progressive resistive training as a means of improving muscular strength. It also will include plyometrics and speed development activities. Techniques of weight training with emphasis on safety will be taught. Students will complete class with a better understanding of the skeletal and muscular structure of the body.

## DANCE COMBO - DANCE, AEROBICS, SELF-DEFENSE, WEIGHTLIFTING

Course #080700 Credit: 0.5/ Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None  
Fee: None

Course is a combination of dance (introduces principles of movement and rhythm), aerobics (develops cardiovascular strength, endurance through rhythmic exercise, and flexibility), self-defense (introduction to knowledge of self protection for women in today's society) and weight lifting (introduces fundamentals of weight training as a means of increasing strength and developing muscular fitness).

## BODY SHAPING - AEROBICS

Course #080725 Credit: 0.5/ Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None  
Fee: None

This course is designed to allow students the opportunity to develop physical fitness through a variety of activities such as aerobics, step aerobics, use of fitness machines, rope jumping, flexibility exercises, floor exercise, relaxation exercise and plyometrics. Proper nutrition and lifetime fitness skills will be emphasized.

## BOWLING

Course #080501 Credit: 0.5/Sem.  
Grades 11,12 Second Semester

Prerequisite: None  
Fee: \$70

This course is an off-campus course that is intended to introduce the student to the basics of bowling, including score-keeping, ball selection, technique and enjoyment as a lifetime skill. The student is responsible for his/her own transportation to and from the bowling alley, which is Fair Lanes Belleview. This is a before school class which will extend into 1st hour. Schedule as a 1st hour class. **This class does not fulfill the P.E. requirement.**

## FIRST AID - OUTDOOR SPORTS - CPR

Course #084400 Credit: 0.5/ Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: NONE  
Fee: \$8

This course will teach emergency and lifesaving skills along with physical activities of the instructors choice. Basic first aid skills as well as CPR skills will be taught and students will be able to earn a National Safety Green Cross Certificate upon successful passage of the National Safety Council written and skill tests.

## INDIVIDUAL SPORTS - LIFETIME

Course #080599 Credit: 0.5/ Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None  
Fee: None

This course will introduce and develop individual skills in sports and activities which can provide a lifetime of physical fitness. Individual skills in such activities such as archery, badminton, tennis, golf, softball and volleyball will be taught and emphasized.



# SCIENCE, NATURAL



SCIENCE OPTIONS				
Student Intentions	Freshman	Sophomore	Junior	Senior
College bound in a science-related field (plan to take at least 4 years of science)	Earth Science	Biology I	Accelerated Chemistry Physics I (PSSC)	Accelerated Chemistry Physics I (PSSC) Biology II*
College bound in a non-science-related field (plan to take at least 3 years of science)	Earth Science	Biology I	Chemistry Inquiry Physics	Chemistry Inquiry Physics
Not planning to attend college (2 years of science are required for graduation)	Earth Science	Biology I or Modified Biology *	Chemistry Inquiry Physics *	Chemistry Unified Science Inquiry Physics *

**BIOLOGY II\***

Course #130430      Credit: 1.0/Sem.  
Grade 12              First Semester

Prerequisite: Teacher approval  
Fee: \$10

This class has various required field trips to study plant and animal ecology of the plains, foothills and mountains of Colorado. Student projects will include a collection of Colorado wildflowers, a library research paper and a pond study. Through laboratory exercises students will become familiar with techniques of culturing, handling and identifying bacteria. Students will study aspects of molecular biology and biochemistry through laboratory activities. This course will meet for two consecutive periods daily and will be worth one full unit of credit.

**BIOLOGY I\***

Course #130400      Credit: 0.5/ Sem.  
Grade 10              Full Year

Prerequisite: None

Biology I is a laboratory-oriented course designed to provide an experience with and understanding of living organisms. This understanding is provided through actual laboratory work and the use of films and other instructional media to supplement the textbook. The course introduces various subject areas in the field of biology. Some areas of study included are: diversity and distribution of living organisms, ecology, the study of microscopic organisms, animal and plant structure and functions, reproduction, genetics, and the theory of evolution. More important than any topic is the development of an inquiring approach towards problems related to living things.

**BIOLOGY MODIFIED**

Course #130410      Credit: 0.5/ Sem.  
Grade 10              Full Year

Prerequisite: Teacher approval

The content of the course is similar to Biology I but more emphasis is placed on individual instruction. Specially designed materials suitable for the student with reading or learning difficulties are used.

**BIOLOGY II** is an enrichment opportunity for select 12th grade students who have demonstrated ability and interest in biology. Those students interested in science as a career should not take this course as a substitute for chemistry or physics but as an elective in addition to them. Admission to Biology II will be decided on an application basis during a student's junior year. Preference will be given to students with the best academic record and to those who have completed chemistry or physics.

**BIOLOGY II\***

Course #130431      Credit: 0.5  
Grade 12              Second Semester

Prerequisite: Teacher approval  
Fee: \$10

This second semester course focuses on the human body and its functions, beginning with basic cell physiology and histology and progressing through an investigation of several of the human body systems. A large-animal dissection is included. The second portion of this course investigates the formation and development of organisms from fertilization through birth. The embryological studies involve numerous labs with living organisms including experimentation on frog and chicken development. An animal behavior field study is required.

**EARTH SCIENCE\***

Course #130300 Credit: 0.5/ Sem.  
Grade 9 Full Year

Prerequisite: None

Earth Science is a study of man's environment on the earth and the earth's environment in space. The studies of earth components, history through rocks, shaping of the earth's surface, oceans, energy in earth events and astronomy are included in the course. Laboratory investigations and observations are used to present an integrated view of the many areas of earth science.

**CHEMISTRY \***

Course #130540 Credit: 0.5/ Sem.  
Grades 11,12 Full Year

Prerequisite: Sem. 1, Algebra I or IMP 2  
Sem. 2, passing grade in chem.

Fee: \$6

Chemistry is a laboratory-oriented chemistry course recommended for the college-bound student who is not planning a science career or for the non-college-bound student who has an interest in chemistry. Concepts emphasized are: atomic theory, chemical bonding, the periodic table, gas laws, acids and bases, and organic and biochemistry.

**ACCELERATED CHEMISTRY \***

Course #130500 Credit: 0.5/ Sem.  
Grades 11,12 Full Year

Prerequisite: Semester I Algebra II OR  
IMP 3 or concurrent enrollment

Fee: \$6

Chemistry I is recommended for the college-bound student who has a strong interest in science. It is recommended that students who enroll in this course have strong reading and math skills. Chemistry I is a laboratory-oriented course with emphasis on atomic theory, chemical bonding, the periodic table, the gas laws, acids and bases, solution chemistry and oxidation-reduction. Other topics are considered as time permits.

**INQUIRY PHYSICS\***

Course #130650 Credit: 0.5/ Sem.  
Grades 11,12 Full Year

Prerequisite: Algebra I, or IMP 2  
Fee: \$6

This course emphasizes physics as a way of understanding the everyday phenomena of the student's world. The course uses a hands-on laboratory approach to learning. Students will find the course to be intellectually challenging, but with a reduced emphasis on mathematics. It is designed for students who desire another science course but who do not plan to pursue technical or science-related studies after high school.

**PHYSICS I, PSSC\***

Course #130610 Credit: 0.5/ Sem.  
Grades 11,12 Full Year

Prerequisite: Concurrent enrollment in Algebra II or IMP 3

Fee: \$6

Physics I, PSSC is designed for the student with a strong interest in science or engineering. Physics is the fundamental science dealing with the properties, changes and interactions of matter and energy. Extensive experimentation is used to discover and understand the properties and laws that describe the universe. Algebra, geometry and computer technology are used to develop concepts and solve problems. The topics studied include: motion, vectors, forces, conservation of momentum and energy, optics, waves, electromagnetism, and atomic and quantum physics.

**UNIFIED SCIENCE\***

Course #130910 Credit: 0.5/ Sem.  
Grade 12 First Semester  
Second Semester

Prerequisite: 1 Science Credit

This course is designed for students who are interested in the practical applications of science. A wide variety of topics in the geological sciences are explored. Students who need a science course for a college admission requirement should plan to enroll in Biology, Chemistry or Physics.

**BASIC ELECTRONICS**

Course #130915 Credit: 0.5/ Sem.  
Grade 10, 11, 12 (Science or elective)  
Semester I or II

Prerequisite: Algebra I (recommended concurrent enrollment in Algebra II)

Fee: Yes

This course is for students with no previous courses, or with limited knowledge of electronics. This beginning course is for students who would like to have a basic knowledge of electronics. The course materials will cover the sources of electricity, the principles of resistance, capacitance, and inductors in direct and alternating current.

**ELECTRONICS II**

Course #130916 Credit: 0.5/ Sem.  
Grade 10, 11, 12 (Science or elective)  
Semester II

Prerequisite: Basic Electronics

Fee: Yes

This semester will concentrate primarily on semiconductors and integrated circuits. Laboratory experiments requiring students to work directly with the components and test equipment will be an integral part of the class activities. This course will be a good foundation for both students going to college and those looking for a school to work program.

## SECOND LANGUAGE EDUCATION

### FRENCH 101/102\*

Course #060120 Credit: 0.5/Sem.  
Grades 9,10,11 Full Year

Prerequisite: None  
Fee: None

Students will develop the ability to understand basic spoken French and will respond with learned material. Students will express elementary needs, personal facts and basic courtesy formulae. Reading comprehension will emphasize skill in understanding simple texts containing learned vocabulary and structures. Students will begin to express personal information in short paragraphs. They will be introduced to cultural concepts of language and people.

### FRENCH 301/302\*

Course #060140 Credit: 0.5/Sem.  
Grades 10,11,12 Full Year

Prerequisite: 202 or equivalent  
Teacher recommendation

Fee: \$12

Students will increase abilities to express themselves beyond survival and personal situations in both speaking and writing. Descriptions in the past, present and future, will be developed as students begin to relate personal opinions, experiences and ideas. The listening skills will progress to comprehension of native speech samples. Students' ability to comprehend written French will be challenged through use of authentic materials which will increase their appreciation of culture and civilization.

### FRENCH 501/502\*

Course #060160/ AP060170 Credit: 0.5/Sem.  
Full Year

Grade 12

Prerequisite: 402 or equivalent  
Teacher recommendation

Fee: \$50

Students will develop the ability to support opinions, persuade, advise and hypothesize. Emphasis will be placed on interaction in specific language situations and greater use of literary resources. Students will demonstrate a more complex syntax when writing. Essays will allow students to discuss ideas in both the concrete and abstract. Students will develop a deeper appreciation of civilization and culture. Advanced Placement classes in language and/or literature may be offered.

### FRENCH 201/202\*

Course #060130 Credit: 0.5/Sem.  
Grades 9,10,11,12 Full Year

Prerequisite: 102 or equivalent  
Teacher recommendation

Fee: \$10

Students will ask and answer questions on familiar topics and maintain simple conversations about personal facts and basic survival needs. In listening skills, they will comprehend materials on familiar subjects spoken at a normal speed. Students will be reading short passages and stories. Writing skills will focus on students' ability to expand personal expressions and will include practice in dictation. Students will continue to acquire an awareness of cultural similarities and differences.

### FRENCH 401/402\*

Course #060150 Credit: 0.5/Sem.  
Grades 11,12 Full Year

Prerequisite: 302 or equivalent  
Teacher recommendation

Fee: Yes

Students will narrate and describe in the past, present and future with confidence and practice supporting opinions. They will initiate conversation, handle complex situations and make comparisons. Listening skills will emphasize native speakers. Compositions will show good control of learned vocabulary and syntactic patterns. Reading may include literary works. Students will become more knowledgeable about specific cultural behavior and expectations.

### GERMAN 101/102\*

Course #060220 Credit: 0.5/Sem.  
Grades 9,10,11 Full Year

Prerequisite: None  
Fee: Yes

Students will develop the ability to communicate in basic spoken German and will respond with learned material. Using practical vocabulary they will progress from giving simple answers to conversing on a survival level. Present and future tenses will be taught. Reading for comprehension will be introduced. Writing will involve short paragraphs of known material. Students will be introduced to the multicultural aspects of German-speaking societies.



**GERMAN 201/202\***

Course #060230 Credit: 0.5/Sem.  
Grades 10,11,12 Full Year

Prerequisite: 102 or equivalent  
Fee: \$12

Students will ask and answer questions on familiar topics. They will maintain simple conversations and satisfy basic survival needs. Listening skills will include comprehending materials on familiar subjects. Skills in reading comprehension will progress from short paragraphs to longer passages. Writing skills will be strengthened including use of past and future tenses. Students will become increasingly aware of cultural similarities and differences.

**GERMAN 301/302\***

Course #060240 Credit: 0.5/Sem.  
Grades 10,11,12 Full Year

Prerequisite: 202 or equivalent  
Fee: Yes

Students' speaking skills will progress beyond survival and personal situations as they gain competence in speaking. Descriptions in the past, present and future will be developed as students begin to relate personal opinions, experiences and ideas. Listening skills will progress with increased exposure to native materials. Writing skills will be developed through creative activities. The understanding of culturally-appropriate behavior will be presented through directed situations.

**GERMAN 401/402\***

Course #060250 Credit: 0.5/Sem.  
Grades 11,12 Full Year

Prerequisite: 302 or equivalent  
Fee: Yes

Students will demonstrate greater proficiency in the spoken language. Reading skills will be enhanced by increased use of German literature. Listening skills will be strengthened through videos and tapes. Creative writing will augment students' control of the written language. Cultural awareness will be heightened by the use of a greater variety of authentic materials in more complex situations.

**RUSSIAN 101/102\***

Course #060420 Credit: 0.5/Sem.  
Grades 9,10,11,12 Full Year

Prerequisite: None  
Fee: None

Students will develop the ability to understand simple spoken Russian. They will recognize and recite the letters of the Cyrillic alphabet, both in printed and cursive form. Includes past and future tenses. Case system is introduced. Vocabulary necessary to express daily elementary needs and basic courtesy formulae will be introduced. Students will begin to understand, ask and respond, both orally and in writing, to simple questions. They will be introduced to the multicultural aspects of Slavic-speaking societies.

**RUSSIAN 201/202\***

Course #060430 Credit: 0.5/Sem.  
Grades 9,10,11,12 Full Year

Prerequisite: 102 or equivalent  
Fee: None

Conversational situations will be expanded to include the past and future tenses. Oral and written skills will be developed through classroom practice and discussion, with emphasis on formulating questions. Includes extensive work with cases, both singular and plural. Reading will include simple short stories. Students will become increasingly aware of cultural similarities and differences.

**RUSSIAN 301/302\***

Course #060440 Credit: 0.5/Sem.  
Grades 11,12 Full Year

Prerequisite: 202 or equivalent  
Fee: None

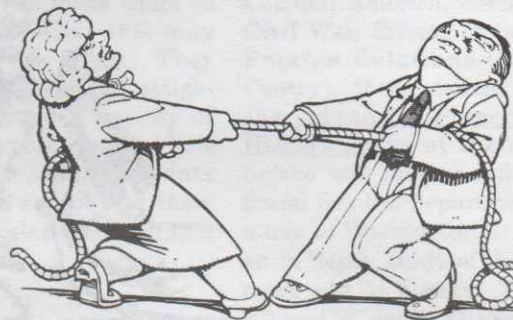
Emphasis in level three and above will be on the acquisition of vocabulary and the extension of knowledge of grammatical structures and tenses. Students will achieve sufficient comprehension to read simple and edited authentic material and will respond, orally and in writing, to questions about the readings. Students will increase their cultural understanding, as readings on various topics of culture and history will be included.

**RUSSIAN 401/402\***

Course #060450 Credit: 0.5/Sem.  
Grades 11,12 Full Year

Prerequisite: 302 or equivalent  
Fee: None

Speaking and comprehension vocabulary will be increased to allow students to respond in a variety of situations. Students will increase their reading and discussion skills through expanded reading selections. Cultural awareness will be increased by use of directed situations or role playing and discussion of current events.



**SPANISH 101/102\***

Course #060520      Credit: 0.5/Sem.  
 Grades 9,10,11      Full Year  
 Prerequisite: None  
 Fee: None

Students will learn vocabulary necessary to express daily survival needs and basic courtesies. The student will learn to understand, ask and respond, both orally and in writing to simple questions. Reading comprehension will emphasize skill in understanding simple texts and recombinations of learned vocabulary and structures. Students will comprehend new cultural situations through familiarization with multicultural aspects of the language.

**SPANISH 201/202\***

Course #060530      Credit: 0.5/Sem.  
 Grades 9,10,11,12      Full Year  
 Prerequisite: 102 or equivalent  
 Fee: \$10

Students will continue to develop the ability to create with the second language by asking and answering questions on familiar topics, including a management of present, past and future tenses. In listening skills, the student will comprehend materials on familiar subjects at a normal speed. Skills in reading comprehension will progress from short texts to edited passages. Writing skills will focus on students' abilities to express themselves on familiar topics. Students will acquire a greater comprehension of cultural subtleties.

**SPANISH 301/302\***

Course #060540      Credit: 0.5/Sem.  
 Grades 10,11,12      Full Year  
 Prerequisite: Teacher recommendation  
 Instructor approval  
 Fee: \$12

Students will be able to communicate with and understand native speakers on a basic level. Descriptions in the past, present and future will be developed as students relate personal opinions, experiences and ideas. Listening skills will progress to comprehension of native speech. Reading skills will be expanded through use of literary selections. Students will write their thoughts using authentic patterns of language. Social competence in handling culturally appropriate mannerisms and behavior will be learned through role playing.

**SPANISH 401/402\***

Course #060550      Credit: 0.5/Sem.  
 Grades 11,12      Full Year  
 Prerequisite: Teacher recommendation  
 Instructor approval  
 Fee: None

Students will handle more complex and unfamiliar situations with increased proficiency and confidence. Students will write routine compositions showing control of learned vocabulary and correct syntactic patterns. An increased knowledge of cultural institutions and literary works will be developed. Students will become more knowledgeable about specific cultural behaviors enabling response to situations with increased ease and sensitivity.

**SPANISH 501/502\***

Course#060560/      Credit: 0.5/Sem.  
                   AP060570      Full Year  
 Grade 12  
 Prerequisite: Teacher recommendation  
 Fee: \$30

Students will develop the ability to support opinions, persuade, advise and hypothesize. Emphasis will be placed on interaction in specific language situations and greater use of literary resources. Students will demonstrate a more complex syntax when writing. Essays will allow students to discuss both the concrete and abstract. Students will develop a deeper appreciation of civilization and culture. Upon successful completion of the four levels of language study, the student may take an Advanced Placement class to prepare for the AP exam.



# SOCIAL STUDIES

SOCIAL STUDIES ARTICULATION CHART			
FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
American Government* (one semester only)	American History* or American Studies	World History * Anthropology (first semester only) Sociology (one semester)	Government/Economics (one semester)* Advanced Placement American History Anthropology (first semester only) Geography (one semester) Psychology (one semester)
*Required for graduation			

The Social Studies Department provides three years of required classes (American Government/Geography, 9th grade: 1 Semester; American History, 10th grade: 1 year; World History, 11th grade: 1 year; State and Local Government/ Economics, 12th grade: 1 Semester). The semester course, STATE AND LOCAL GOVERNMENT/ECONOMICS, is required for all seniors.

**The Social Studies requirements for graduation include:**

1. One semester of American Government (9th)
2. One full year of American History (10th)
3. One full year of World History (11th)
4. One semester of Basic Economics/ State and Local Government (12th)

**AMERICAN GOVERNMENT/ GEOGRAPHY\***

Course #150300 Credit: 0.5/ Sem.  
Grade 9 First Semester  
Second Semester

Prerequisite: None

**POWER - THE CONGRESS AND THE PRESIDENCY:** Ninth grade students will analyze the source of power in our government, how power is used to give security to American citizens and how each citizen can influence the directions of power in our government.

**GEOGRAPHY:** In an effort to address the new national, state and county standards in geography, students will be taking a six week geography unit in their ninth grade social studies class. The unit will introduce students to the five themes of geography, as well as teach them map skills which will be built upon as they progress through high school

**DUE PROCESS OF LAW:** Students will answer such questions as: Why do we have laws? How are laws enforced? What is the policeman's job? What are the rights of Americans? What are the punishments for those who break the law?

**AMERICAN STUDIES\***

Course #051015 Credit: 0.5/Sem.  
#151205 Lang. Arts  
Grade 10 0.5/Sem.  
Soc. Studies  
Full Year

Prerequisite: None

American Studies will be structured using an historical time line as a basis for the study of American history and literature. Integrated into the course will be American language, art, music and philosophy. The course will be structured as a two-hour block and will satisfy the sophomore required American History credit as well as language arts requirements of composition, literature, speech and language study. (See also p. 10, Language Arts)

**ANTHROPOLOGY\***

Course #151500 Credit: 0.5  
Grades 11,12 First semester

Prerequisite: None

Anthropology, "the study of man," will help students gain new insight into where we came from, where we are now and where we are going. Students will study how "recent" climatic and other changes in the earth's environment have affected the way we hominoids adapt to our environment, and what this may mean for all of us in the future. They will study how different peoples throughout the world have used a variety of ways to meet common problems and how their ways differ from ours. Students will learn how people respond to their environment and develop their unique way of life.

**AMERICAN HISTORY\***

Course #151200 Credit: 0.5/Sem.  
Grade 10 Full Year

Prerequisite: None

This course begins with the settling of North America by the Europeans. It continues into the 18th century and the forming of our nation after the Revolutionary War. Next, the history will lead up to the sectional conflicts which caused the Civil War. The second semester begins with the western expansion across our country. The impact of industrialism on the lives of Americans will be studied, followed by life during the 1920s and '30s. The semester ends with an examination of U.S. foreign relations.

**AMERICAN HISTORY, ADVANCED PLACEMENT\***

Course #151210 Credit: 0.5/Sem.  
Grade 12 Full Year

Prerequisite: Teacher approval

Advanced Placement American History will be offered at the senior level. Students will analyze the topics: Colonial America, Sectionalism and the Civil War, Effects of Industrialism and Foreign Relations in the Twentieth Century. If the student takes and passes the Advanced Placement American History Exam at the end of the year, he/she will receive college credit. The Social Studies department also sponsors a trip to Washington, D.C., each year for an in depth study of the federal government and its history. This trip is called "Close-Up" and is an excellent opportunity for AP students. The trip is described on page 24 of this booklet.

**The cost of textbooks to the student is approximately \$75.00.**



# TECHNICAL EDUCATION

Technical literacy is only one part of the total education picture. Who can question that our world is dependent on technology? Technical education provides the technical base for the broad horizons of learning. Each student will have the opportunity to experience applied technology with hands-on approaches to common problems. Students will be processing materials, communicating ideas with pictures and making better connections between theory and practice. Technologically literate people develop skills in critical thinking, problem solving and creativity.

Once a student has completed the introductory course in a content area of technical education, a student may enroll in an advanced level course each semester.

## WOODWORKING, INTRODUCTION

Course #103320 Credit: 0.5/ Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None

Fee: \$15, plus material cost for project(s)

This is an introductory course to Senior High Woodworking designed to briefly review basic hand tool processes, introduce students to the power machine tools and give them some basic techniques for basic wood finishes. This course includes project work.

## WOODWORKING, ADVANCED

Course #103332 Credit: 0.5/ Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: Woodworking,  
Introduction

Fee: \$15, plus material cost for project(s)

This course is a series of activities that will give the students practical experience working on machinery in exploring the areas of woodworking processes and materials. Cabinetry and fixtures are included in this course. Students may enroll as many as 7 times for this course to gain additional skill and knowledge about this vast industry.

## BEGINNING VIDEO PRODUCTION

Course #104440 Credit:0.5/Sem.  
Grade 11,12 First Semester  
Second Semester

Prerequisite: None

Students will learn the basics of how to write, videotape, edit and produce a variety of short programs suitable for school and community use on our local cable channel. Enrolled students will need to have flexible afternoon and evening schedules as many of the major events and activities will be videotaped during those times.

## ADVANCED VIDEO PRODUCTION

Course #104450 Credit: 0.5/Sem.  
Grade 11, 12 First and/or  
Second Semester

Prerequisite: Beginning Video  
Production and Teacher  
Approval

Fee: Yes

Students will videotape, edit and produce programs suitable for community viewing on our local cable channel. Students will also be responsible for producing a daily news program for viewing by the student body. Columbine High School students will need to have a flexible afternoon and evening schedule, as many of the major events and activities at Columbine will be taped.

**DRAFTING** is technical drawing. Drawings that communicate by means of pictures and symbols, are constructed by utilizing various types of equipment. Equipment ranging from pencils to computers may be used to aid design. Equipment will be supplied by the student and may be purchased from the school.

## TECHNICAL DRAFTING I

Course #104420 Credit: 0.5/ Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: None

Fee: \$6

This course is an introduction to the fundamental concepts and operations of drafting. It is designed to give students a background and general knowledge of technical drafting. Drafting develops the graphic language ability to express ideas and thoughts by the use of drawings and to interpret or read these drawings.

## TECHNICAL DRAFTING, ADVANCED

Course #104430 Credit: 0.5/ Sem.  
Grades 9,10,11,12 First Semester  
Second Semester

Prerequisite: Technical Drafting I

Fee: \$6

This course further develops the concepts and operations of drawings related to industrial applications. Also, this course gives students interested in a specialized area of drafting the opportunity to do work in the area of their choice. Students who desire to continue in the drafting curriculum may enroll in these courses as many as five times to gain additional knowledge for this rapidly changing industry. A computer-aided drafting system will be utilized for special interests.

# ACE PROGRAM

(Alternative Cooperative Educations)

**CHACE-COLUMBINE HIGH ALTERNATIVE COOPERATIVE EDUCATION\***

Course #260004      Credit: 0.5/Sem.  
 Grade 11              First Semester  
 2 hr. block            Second Semester  
 Prerequisite: Teacher approval  
 Fee: None

This course is offered to juniors. The course emphasizes development of communications skills, job related skills, and computer technology. The focus is to reinforce skills needed to be successful in the traditional classes and the work force. The credit earned for this course includes a language arts credit and an elective credit. This is a year long course.

**CHACE-COLUMBINE HIGH ALTERNATIVE COOPERATIVE EDUCATION**

Course #260001      Credit: 0.5/Sem.  
 Grade 12              Math Elective  
                                 First Semester  
                                 Second Semester  
 Prerequisite: Teacher approval  
 Fee: None

This course is for seniors. Emphasis is placed on math skills, life skills, and job skills. Computer technology is included in the program. The focus is to acquire the math and life skills needed to be a successful, independent, contributing adult post high school. Topics include consumer math skills, financial planning, human relations, public relations, conflict management. The credit earned for this course includes a math credit and an elective credit. This is a year long course.

**CHACE-OJT**

Course #260020      Credit: 0.5/Sem.  
 Grade 11,12              First Semester  
                                         Second Semester  
 Prerequisite: Currently enrolled in CHACE, Teacher approval  
 Fee: None

Students agree to work approximately 15 hours weekly and must be passing the CHACE course in order to receive credit for On-the-Job Training. The teacher/coordinator will assist the students in finding a job and will work with the employer to develop employability skills in classroom study.

## WARREN OCCUPATIONAL TECHNICAL CENTER

**WARREN OCCUPATIONAL TECHNICAL CENTER PROGRAMS 1996-97**

STUDENTS INTERESTED IN ATTENDING THE WARREN OCCUPATIONAL TECHNICAL CENTER SHOULD SEE THEIR COUNSELOR FOR INFORMATION.

	**GRADE
<b>CONSTRUCTION TECHNOLOGY</b>	
Bricklaying	11,12
Carpentry	11,12
Heating, Ventilation and Air Conditioning	11,12
Applied Technology (Pilot Program)	11,12
<b>BUSINESS</b>	
Business Computer Systems	12
Computer Accounting	12
Hospitality, Tourism and Travel	12
Secretarial/Information Processing	12

<b>GRAPHIC ARTS</b>	
Graphic Design and Computer Art	11,12
Printing Technology	11,12

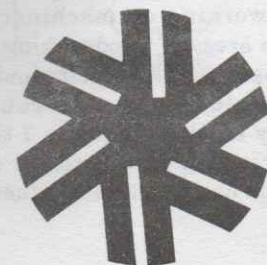
<b>MANUFACTURING</b>	
Industrial Maintenance and Machine Repair	11,12
Machinist	11,12
Welding	11,12

<b>SERVICE</b>	
Child Care Guidance and Management	12
Cosmetology*	12
Dental Assisting	12
Drafting	11,12
Electronics Servicing	11,12
Horticulture	11,12
Restaurant Arts*	11,12
Upholstery	11,12

<b>TRANSPORTATION</b>	
Auto Collision Repair	11,12
Auto Mechanics	11,12
Small Engine and Motorcycle Mechanics	11,12

\* These courses require special arrangements to schedule. Be sure to see MR. BUTTS for further information. Cosmetology is a full day/full year program that can begin first semester of the senior year or second semester junior year. There are other exceptions regarding when students start their programs, but the above is generally the case. Most offerings are two-year programs which the student attends for three hours per day while completing his/her academic requirements at Columbine.

\*\* Grade 11,12 refers to a two-year program and Grade 12 to a one-year program.



**ALL ATHLETES PLEASE NOTE:**

If you plan to participate in athletics in college at the NCAA Division I or Division II level, you must be certified by the NCAA Initial Eligibility Clearinghouse. The courses that are listed in this course description book that have an (\*) after the title are courses that have been approved by the Clearinghouse as meeting their requirements. The coach of your sport(s) should provide you with all information pertinent to eligibility requirements, or you may see your counselor. However, it is **your** responsibility to be certain you meet **All** of the requirements.

### STUDENT PLANNING INSTRUCTIONS:

1. Record your selections for each year and semester in the appropriate spaces.
2. List possibilities for following years and semesters and update them after your annual registration process is completed.

#### GRADE 9 – FRESHMAN YEAR

Semester One

Semester Two

1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

#### GRADE 10 – SOPHOMORE YEAR

Semester One

Semester Two

1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

#### GRADE 11 – JUNIOR YEAR

Semester One

Semester Two

1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

#### GRADE 12 – SENIOR YEAR

Semester One

Semester Two

1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____