

ARAPAHOE HIGH SCHOOL PATHFINDER 2007-2008



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United States Department of Education
“EXCELLENT HIGH SCHOOL RATING”
Colorado State Department of Education

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STUDENT PUBLICATIONS NONDISCRIMINATION STATEMENT

Littleton Public Schools does not discriminate on the basis of race, color, religion, national origin, sex, handicap, nor on the basis of age against persons whose age is over forty (40). The complete procedures and forms for Title IX and Section 504 are available in each building’s main office. Inquiries concerning any of the above should be directed to the appropriate building principal; or to the Director of Human Resources, 5776 South Crocker Street, Littleton, Colorado 80120; phone (303 347-3300); or the Office of Civil Rights, U.S. Department of Education, 1961 Stout Street, Third Floor, Denver, Colorado 80294; phone 303 844-5695.

INTRODUCTION TO PROGRAM

The Variable Student Scheduling system was established at Arapahoe High School in 1967 in order to allow students to gain a more diversified educational background, to become more self-disciplined and responsible, and to be better prepared in their individual fields of special interest.

The scheduling system is similar to the college semester system. The periods per week vary with the time demands of the course. For example: World Civilizations meets Monday, Wednesday and Friday for 3 periods every week; Chemistry Lab meets for 2 consecutive periods on Tuesday and Thursday for a total of 4 periods a week; Mythology meets on Tuesday and Thursday, 2 periods every week. Credit is awarded on a semester hour basis; the number of credits is equal to the number of class periods the class meets. Thus, World Civilizations which meets Monday-Wednesday-Friday, is worth three semester hours of credit. In addition to this basic pattern, and as a result of the flexibility gained from it, the following organizational ideas have been included in the Variable Student

Scheduling Program:

- A. Resource centers for specialized study.
- B. Study carrels in library for intensive study.
- C. Computers in the library and departmental labs for students to use during unscheduled time.
- D. Opportunities for contracted independent study to further enhance students' abilities to tailor their educational experiences to meet their unique needs.
- E. Opportunities for students to develop responsibility in decision-making.
- F. Increased planning and preparation time for staff members. **Beginning Fall 2007**, Littleton Public Schools has designated 10 late start Wednesdays for teachers to meet in Professional Learning Communities (PLC's). This time will allow teachers to collaborate with a focus on improving student achievement.
- G. Time for teachers to meet and plan with students on a one-to-one basis.
- H. A cafeteria student center for student relaxation and socialization.
- I. Comprehensive/College Preparatory curriculum.
- J. Wider range of educational experiences.
- K. A Guidance and Post Graduate Center for college/career search, planning and support.
- L. Study Center

STUDENTS: PLEASE READ

This copy of the *Pathfinder* will be the **ONLY** copy you will receive while you are in attendance at Arapahoe High School. So, please put this *Pathfinder* in a special place at home where you can refer to it during your high school years. Each year, as minor changes are made to this publication, **THE UPDATED PATHFINDER CAN BE FOUND ON THE ARAPAHOE HIGH SCHOOLWEBPAGE** (<http://.arapahoe.littletonpublicschools.net>) Please refer to this web page for current information and changes. Once again, please take good care of **YOUR** *Pathfinder*. You will receive only one copy during your tenure at Arapahoe High School.

ARAPAHOE HIGH SCHOOL GRADUATION REQUIREMENTS

MINIMUM GRADUATION REQUIREMENTS

General Requirement: Students must pass a **minimum** of 188 semester credits in grades 9-12.

I. Language Arts — 35 semester credits distributed as follows:

- A. English 9-S1 and S2, or Honors English 9-S1 and S2.
- B. English 10-S1 and S2, or Honors American Literature S1 and S 2.
- C. Electives — remaining semester credits necessary to total 35 semester credits.
- D. Alternate electives — Journalism classes qualify for elective credit, a maximum of three credits of 3rd year World Language, Drama: History/Literature.

II. Social Sciences — 30 semester credits distributed as follows:

- A. U.S. History S1 and S2, Honors U.S. History S1 and S2, or Integrated U.S. History S1/English.
- B. World Civilizations, World Cultural Geography (or Honors of each).
- C. Western Civilization S1, S2
- D. American Government or Advanced Placement American Government , Economics, or Advanced Placement U.S. History.
Government.
- E. Electives — 3 semester credits.

III. Mathematics — 4 semesters

IV. Science — 4 semesters

V. Fine Arts — 6 semester credits selected from any one or combination of the following: Visual Arts or Performing Arts.

- A. Alternate Courses — Film Study (not Humanities) and two credits of Technology Studies.

VI. Practical Arts — 6 semester credits distributed as follows:

- A. Intro to Computer Applications or Computer Applications I.
- B. Other credits may be selected from one or combination of the following: business and marketing education, journalism, technology education, Area Career Technical Education (ACTS) or consumer and family studies.
- C. Alternate Courses - Stagecraft (Theatre).

VII. Physical Education — 12 semester credits distributed as follows:

- A. Personal Survival in the eleventh grade.
- B. One course in swimming or proficiency demonstrated by passing the swimming skills waiver test. (Completed in the ninth or tenth grade.)
- C. Two semester credits of Physical Education may be waived for completion of four seasons of marching band.
- D. Alternate Course—Theatre Movement.

VIII. Electives — In addition to the required credits, each student must select sufficient elective courses to complete a total of 188 credits for graduation from Arapahoe High School.

Single Gender Classes are popular and available throughout our course offerings for all grades. Placement is voluntary and students may Opt-Out or Opt-In Single Gender Classes.

COLLEGE ENTRANCE AND CCHE REQUIREMENTS

Students who are planning to attend a four-year college or university should realize that gaining admission to college is competitive; however, the increase in the number of community colleges in Colorado has made college attendance a possibility for more students. Although colleges vary in their specific entrance requirements, college-bound students should realize that they will be evaluated, in general, on the types of courses they have taken, the basis of their grade point averages, and their rank in the graduating class.

Because colleges differ in the courses required for entering freshmen, students should consult college catalogues for specific admission requirements. Requirements may also vary according to the major which the student intends to pursue. **Remedial courses such as, but not limited to, Basic Skills courses do not count towards a college preparatory program for students wishing to gain admission to any four year public institution in Colorado.**

A college preparatory curriculum for students who plan to obtain a Bachelor's degree should include:

English -- 4 years

English 9, English 10, American Literature, English Literature and Composition or World Literature are recommended.

History and Social Studies -- 4 years

U.S. History, World Civilizations, Western Civilization, Government/Civics, Economics, Cultural Geography are highly recommended.

Mathematics -- 2-4 years

Four years of math, at the level of Algebra I and above, are required to gain admission to any Colorado public college or university. Admission requirements to other colleges and universities may vary.

Science -- 2-4 years

One year of Energy, Resources & Environment (ERE) and Biology are minimum. A year of either Chemistry or Physics, preferably both, are strongly recommended. Chemistry is required for students interested in health care fields. Physics is required for architecture and engineering.

World Languages -- 2 years are required to gain admission to any Colorado public college or university. Three years strongly recommended. Spanish, French, Chinese, American Sign Language.

CCHE Information

Beginning with the **CLASS of 2008** a student must successfully complete the **Colorado Commission on Higher Education (CCHE) Pre-Collegiate Curriculum** to gain admission to any four-year **public** institution in Colorado. These standards will increase for the **CLASS of 2010**, with the addition of 2 years Foreign Language and 4 years of Mathematics.

MINIMUM
**Colorado Commission on Higher
Education Pre-Collegiate
Curriculum Requirement**

<u>Credits</u>	**Carnegie Credits	Credits Beginning Year 2010
English	4 years	4 years
Mathematics (Including Algebra II)	3 years	4 years
Science	3 years	3 years
Social Studies	3 years	3 years
World Language		2 years
Other Academics	2 years	2 years
Total Required	15 years	18 years

**One year = 1 Carnegie Credit

MINIMUM
**Arapahoe High School
Graduation Requirements**

	<u>Arapahoe High School</u>
English	4 years (35 credits)
Social Studies	4 years (30 credits)
Math	2 - 4 years
Science	2 - 4 years
Physical Education (includes personal survival)	12 credits*
World Language	2 years of same language recommended
Fine Arts (Music, Art, Drama)	6 credits*
Practical Arts	6 credits*
Electives	<u>75 credits*</u> 188 credits*

*Arapahoe High School is on a variable schedule and many classes do not meet every day. To convert credits to Carnegie credits to meet CCHE credits, any 5,4,3, credit hour class equals one-half (.5) credit and any 2 credit hour class equals one-fourth (.25) credit.

It is important to note that college admission officers at a majority of colleges/universities give preference to students who have demonstrated proficiency in rigorous course work over students who attain a good grade point average by taking less demanding courses.

YOUR FOUR YEAR ACADEMIC PLAN

Use this page to plan and track your progress

SUBJECT	9	10	11	12	9	10	11	12	T
I. ENGLISH 35 minimum/4 years	English 9-S1	English 10-S1							
	English 9-S2	English 10-S2							
II. SOCIAL SCIENCES 30 minimum/4 years	US History S1	Geography	Western Civilization S1	Economics					
	US History S2	World Civilizations	Western Civilization S2	Government					
III. MATHEMATICS 4 semesters minimum We recommend 6 semesters									
IV. SCIENCE 4 semesters minimum We recommend 6 semesters									
V. PRACTICAL ARTS 6 minimum- Tech Ed., Business & Marketing, Family & Consumer Sciences, Career & Technical Education, and Journalism	Intro to Computer Apps. or Computer Apps. I								
VI. FINE ARTS 6 minimum - Performing Arts, Visual Arts									
VII. PHYSICAL EDUCATION 12 minimum	Swimming		Personal Survival						
VIII. ELECTIVES 75 credits									
				YEARLY TOTAL					

****Any credits beyond the minimum required in each area will become elective credits.**

FOUNDATION OF KNOWLEDGE AND SKILLS

By completing required course work, the Arapahoe High School graduate will have demonstrated satisfaction of the following graduation goals, which we deem necessary for a productive life and further education. Courses in which students demonstrate achievement of these knowledges and skills are listed after each goal.

Any course which assesses these knowledges and skills satisfies these criteria: (1) the goal represents an important aspect of that course's content area, (2) the goals constitute a significant portion of that course's semester grade, (3) the course offers multiple, varied opportunities for students to demonstrate their achievement of the goal, and (4) teachers of the designated courses have agreed upon common criteria and standards for judging student achievement:

- ability to communicate clearly through speaking and writing (English 9, English 10)
- ability to read and listen for understanding (English 9, English 10)
- ability to access information through a variety of sources (English 9, English 10)
- ability to use the computer as a tool for learning, (Intro to Computer Applications, Business Computer Applications, Tech Studies)
- ability to perform basic mathematical operations in solving practical problems (4 semesters of math)
- understanding of civic responsibility (U.S. Government)
- understanding of cultural heritage/differences (Cultural Geography)
- knowledge of the cultural arts (fine arts credits)
- knowledge of international relations (U. S. History)
- knowledge of ecological concerns (Biology, Experimental Life Science)
- knowledge of components of healthy lifestyle (Personal Survival)

Additional Goals

Certain educational goals are more difficult to define and assess, but because we value them, and because we believe society values them, we feel compelled to address them in our curriculum. While these goals will not be "graded" as such, and will not be required for graduation, we are committed to addressing these goals in our classes and to giving students feedback about their progress. These goals are not endemic to any particular discipline, and therefore might be incorporated into any course:

- ability to think creatively
- ability to think critically, solve problems and make decisions
- ability to make judgments about literature based on specific criteria
- ability to use time effectively
- ability to work cooperatively with others
- knowledge of career opportunities and related educational goals (Learning for Life)

House Bill 93-1313

In 1993 the Colorado General Assembly adopted House Bill 93-1313. This law directs school districts to adopt content standards in 12 academic areas: reading, writing, mathematics, science, history, geography, art, music, civics, physical education, foreign language, and economics.

Arapahoe High School is receptive to the adoption and recommendations of content standards as set forth by the Standards and Assessment Development and Implementation Council. We feel confident that our current expectations and standards exceed those standards as designed by the state committee. Arapahoe High School has implemented the content standards into appropriate courses.

Not for school
But for life
we learn



GENERAL INFORMATION

STUDENT COURSE LOAD: No one will take less than 22 hours per semester. Any exception must be approved by administration. The opportunity for students to enroll in 30 or more clock hours per week is available. Below is the **minimum number** of credits that each student is to be enrolled in depending on their grade level:

	Minimum
Freshmen	26 hours
Sophomores	24 hours
Juniors	22 hours
Seniors	22 hours

SCHEDULING AND REGISTRATION

Scheduling and registration are a vital part of variable scheduling. It is essential that students have some participation in these decision making processes. **Sophomore, Junior and Senior** students are divided into alphabetical groups for the purpose of determining times for scheduling. The groups are rotated each year. **Freshmen** students will be provided a list of courses that they can request either on-line or in the guidance office with the assistance of their counselor. Following arena scheduling for the upper classmen, their final schedules will be determined via the computer in Infinite Campus, our student data base. Our scheduling processes enable students to make some decisions about their schedules; however, it **does not guarantee** that students will have the period or the teacher they request. Students are encouraged to make their schedule choices top priority rather than basing the study schedule around outside interests or work. Schedule changes **will not be made** to accommodate work schedules.

Students and parents must realize that the school will balance class size and will do so, when possible, during the registration process. Students will usually get a course they really want sometime during their eight semesters at Arapahoe. Any course in the curriculum will teach a student something new.

Due to limitations such as time, staffing and student demand, certain courses are offered in alternate semesters or in alternate years. For the same reasons course are not necessarily offered in each high school. Please check your registration materials carefully each spring. In addition, district policy allows students to cross-enroll in courses not offered in their home schools. The number of specific courses offered in a school at a particular time, as well as the courses themselves, reflect the educational priorities identified by the professional staff and the number of students requesting specific courses. Factors considered in course selection include course prerequisites, students' grad levels, student's ability levels, high school graduation requirements, college admission requirements, career and college goals, and student/parent preferences.

SCHEDULE CHANGES

- 1. Adding classes: NO STUDENT MAY BEGIN A NEW COURSE OR NEW SECTION OF A COURSE AFTER THE END OF THE FIRST THREE (3) DAYS OF ANY GIVEN SEMESTER.**
- 2. Dropping classes:** Any student who drops a class after the end of the FIRST 3 days of any given semester shall receive an **F** for that class unless a student has been misplaced in the wrong level. This means that an **F** will be on the student's record for that course and will be included in the student's G.P.A.

Any student withdrawn from a course **at any time** during the semester for attendance or disciplinary reasons will receive an **F** for that class.

If, by dropping a course, a student will be below the minimum hours for his/her grade level, both the parents and the principal must give approval.

Exceptions to any of the above policies will require administrative approval.

OPT-OUT PROCEDURES

Parents can expect the use of consistent standards at Arapahoe High School for opting out of programs, events, or activities. Under no circumstances will students intentionally be made to feel different, nor will parents choosing to exercise their right to opt out be criticized for their decision.

Opt-out (a parent request required for nonparticipation) applies to the Board-adopted curriculum and related activities that occur regularly or as a matter of course. Opting out always requires a showing of a bona fide reason. Replacement of assignments/activities may or may not be provided at the Administration/Teacher discretion.

INTERNET USAGE

Student use of the Internet for purposes of research and retrieval of current information related to curricular content areas is a generally accepted practice and is considered an essential instructional tool, thus it comes under the opt-out category. If a student/parent decide that the Internet should not be used as an instructional/learning tool, the student/parent may pick up and complete an Internet Opt-Out Form in the Arapahoe High School Media Center. It is the responsibility of the student to notify his/her teachers that he/she cannot use the Internet for class assignments. It is also the responsibility of the student to refrain from using the Internet at Arapahoe High School. For specific information concerning Student use of the Internet, please refer to the handbook which is titled Student Code of Conduct each student is given this handbook). Items such as Internet Availability, Opt-Out Alternative, Personal Responsibility and Consequences for Misuse, Limited Expectations of Privacy, and Limitation of Liability is discussed.

HIGH SCHOOL GRADUATION

Graduation requirements ensure that students have certain minimum skills. Graduation requirements have a flexibility which enables any student to receive a diploma if he or she is motivated to attend school and study. Just over one-half of the course work is structured by subject area requirements. Elective hours are designed to enable students to use their high school program to help them attain their educational or vocational goals. Any exceptions to graduation minimum requirements will be approved by the Principal.

SENIOR TRANSFER STUDENTS

Littleton Public Schools' policy states: "Students transferring to Littleton Public Schools during their senior year shall not be graduated before completion of eight full semesters, including course work and residency from preceding schools. These senior transfer students shall be expected to carry a typical senior course load while enrolled in the District."

GRADUATION WITH HONORS

1. The grade point average necessary for graduation with Honors shall be 3.50. Decimal points will not be rounded up.
2. The grade point average necessary for graduation with High Honors shall be 3.80. Decimal points will not be rounded up.
3. Students shall be recognized at commencement exercises and honors assemblies based on their grade point average as of the end of the **second semester** of their **senior year**

VALEDICTORIAN AND SALUTATORIAN STANDARDS

Traditionally, Valedictorians and Salutatorians are chosen based upon their academic record through eight semesters of high school.

Arapahoe High School believes these two honored positions should also reflect the values held by community, students and staff. Those values include not only high academic performance, but also the integrity and high moral character of students.

Therefore, the faculty and administration at Arapahoe High School reserve the right to bestow the honor of Valedictorian and Salutatorian based upon academic performance and qualities of good citizenship.

EARLY GRADUATION

In most cases early graduation is discouraged. Occasionally students will have all graduation requirements completed by the end of the first semester of the senior year. Students making a request for early graduation must first make an appointment to see their counselor. A letter from the student and a letter from the parent must then be submitted to the principal. The letter must include specific reasons and rationale for requesting early graduation. The counselor will present and discuss these letters with the principal. All requests must be submitted prior to June 1 of the junior year and must be signed by parents, as well as by the student.

If the request is approved, the student will be issued a diploma at the end of the school year. The graduation ceremony is held only once a year - May/June.

STUDENTS INVOLVED IN ACTIVITIES

In order to participate in activities sanctioned by the Colorado High School Activities Association (CHSAA), a student must be actively enrolled in a **minimum of 2.5 Carnegie Units of Credit**. To maintain eligibility, a student cannot fail more than **.5 Carnegie Units of Credit**.

To translate Arapahoe High School Variable Scheduling hours to Carnegie Units:

VARIABLE SCHEDULING HOURS	CARNEGIE UNITS
3, 4, or 5 hour course (credit)	.5
2 hour course (credit)	.25

A student will remain eligible **only** if:

1. S/he is passing all classes or
2. S/he is failing only one class that is 5 hours or less or
3. S/he is failing only two 2-hour classes.

ATTENDANCE

In a program such as Variable Student Scheduling, it is imperative that students attend class regularly. In this kind of program where most classes meet either two or three days a week, students cannot afford to miss a single class session. Students should form positive attitudes regarding regular attendance.

CREDIT FROM OTHER HIGH SCHOOLS

Credits for attendance at schools other than Arapahoe High School are based upon the official transcript furnished by the previous accredited school attended. Not every course taken elsewhere will count toward Arapahoe High School graduation.

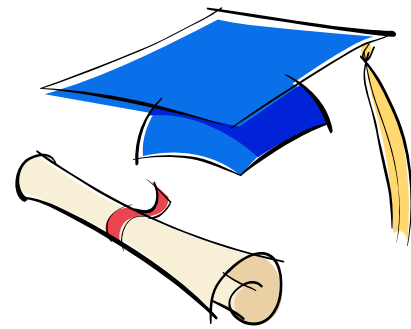
CREDIT FROM OTHER SOURCES

Credit from correspondence courses, courses taken at universities and community colleges, summer courses, driver education courses taken outside of the school district, and other courses not included in the *Pathfinder*, must have **prior approval** from the Principal and the appropriate counselor.

WITHDRAWAL FROM SCHOOL

Parents or guardians must notify the Guidance Center of their intent to withdraw a student from school. Before a student leaves school, he/she must complete the procedure outlined on the withdrawal form. If a refund is due, it will be mailed to the parent or guardian. All fines must be paid before records are sent to the student's new school.

Note to Parents or Guardians: If you move to another school district during the school year, your child's records will be sent to the appropriate school at the request of that school.



STANDARDIZED TESTING

Students at Arapahoe are administered several different forms of standardized testing, depending on their grade level.

Freshmen take CSAP in the spring in reading, writing and math. They also take MAP tests in reading and math in the fall and spring.

Sophomores take CSAP in the spring in reading, writing, math and science. They also take MAP tests in reading and math in the fall and spring.

Juniors take the state ACT in the spring.

COLLEGE ENTRANCE EXAMS

Almost all colleges require some type of entrance test. The Educational Testing Service (ETS) offers the Scholastic Aptitude Tests (SAT subject tests); the A.C.T. Inc. administers the ACT. During the second semester of the junior year, college-bound students should plan to take a college entrance test. Currently the State of Colorado requires all juniors to take the ACT. In addition, some colleges will require the SAT Subjects Tests. All college entrance tests should be taken before the end of the first semester of the student's senior year. It is recommended that they be taken by the end of their junior year. Students should see their counselor for additional information concerning college entrance examinations.

College-bound juniors should consider taking the Preliminary Scholastic Aptitude Test (PSAT), which is administered during the third week of October. The PSAT is a good practice test and the results with the correct answers are returned to the students with their workbook. The PSAT is also used by the National Merit Scholarship Program to determine Merit Semi-Finalists.

In the fall all sophomores should take the PLAN (a practice ACT) designed for 10th grade students. The PLAN is another good practice test and a good indicator of what the student might score on the ACT. It will also give students an idea of what areas they may need to improve.

SENDING TRANSCRIPTS TO COLLEGES AND UNIVERSITIES

Transcripts will be mailed to colleges and universities throughout the school year at the request of the student and/or parents. Students are assessed a \$10.00 initial fee (which includes first and final transcripts) and \$3.00 for each additional transcript.

CLASS RANK AND GRADE POINT AVERAGE (G.P.A.)

Cumulative grade point average and class rank are reported by the Guidance Center each semester. Six week grades are progress reports and are not used in G.P.A. or class rank computations.

Grade point average and rank are based only on grades 9-12. All courses for which the student receives an **A-F** grade are included in the G.P.A. Basic Skills, Career and Technical Education, and Resource Room classes for students with special needs and learning disabilities are graded and included in the G.P.A. and class rank computations.

Advanced Placement classes are weighted for grades A-C (see below). Rank includes all students. Pass/Fail courses that are passed are not included in the G.P.A., but do count for graduation credit. Pass/Fail courses that are failed, however, do count into G.P.A. and therefore affected class rank.

GRADING SYSTEM

A = 4, B = 3, C = 2, D = 1, F = 0

WEIGHTED GRADING SYSTEM

Advanced Placement courses labeled A.P.:

A = 5, B = 4, C = 3, D = 1, F = 0

TRANSFER STUDENTS:

Transfer students who were in A.P. courses which are so labeled can receive the points of weighted grading only for those subjects which receive weighting at Arapahoe.

SPECIAL SERVICES DEPARTMENT - SPED

Arapahoe High School has a team of specialists who work with those students who have an identifiable learning disability. Students who are referred to the team are staffed into this program in accordance with the guidelines established by the State Department of Education in compliance with the IDEA.

BASIC SKILLS CLASSES

Students who would have academic difficulty in regular Math, English, or Science classes are recommended for Basic Skills to improve their basic skills in oral and written communication, reading and mathematics. These classes do not meet the CCHE requirements for admission to four year Colorado Colleges and Universities.

HONORS CLASSES

Honors courses are broader in scope and depth than the regular academic classes. They are designed for the academically able student. Honors classes are offered in English, Social Studies and Mathematics. The student's test scores, past performance in the subject, teacher recommendation, and counselor recommendation are the basis for selection.

ADVANCED PLACEMENT COURSES

Advanced Placement courses are college level courses offered in high school. These courses follow curricula outlined by the College Entrance Examination Board. Advanced Placement courses are for the extremely able student; students are selected by the Advanced Placement teachers based upon the students' standardized test scores, past performance, teacher recommendations, and counselor recommendations. Typically, only students who have been in Honors courses are recommended for Advanced Placement.

Advanced Placement Examinations are given each year in May. Students' scores on these standardized tests are used by colleges to determine whether students receive college credit or placement into an advanced college course, or both. Students are, of course, responsible for paying the necessary fees for these examinations.

COURSE REPETITION

A student may audit a course that he/she has previously taken with the permission of the parent, counselor, instructor, and administration. In such cases, the student **must** meet all course requirements, but will receive no credit or grade for the course.

Courses taken (grades 9-12) with a passing grade cannot be repeated for credit. The grade in the repeated course will appear on the transcript with 0 credit and will be included in the computation of the GPA.

Exceptions to this policy are listed below: Please look carefully at course descriptions for rules on repeating courses listed here. (Course can be repeated for grade as well as credit)

Acting Study
Aerobic Fitness
Aerobics/Weights
Advanced Woods
Arapahoe Singers
Basketball/Weights
Beginning Diving
Choralettes
Company Theatre
Competitive Debate
(for Elective credit)
Competitive Speech
(for Elective credit)
Concert Band
Concert Choir
Design Projects
Elements of Composition
(for Elective credit)
Football/Weights
Jazz Band
Men's Choir

Newspaper Journalism
Orchestra
Reading Strategies
Reading Workshop
Special Services Courses
Stagecraft
STEP
Strength/Conditioning
Student Assistant
Studio
Swimming
Symphonic Band
Technology Studies
Theatre Topics
Video Production
Weight Training
Wind Ensemble
Women's Choir
Woods
Wrestling Weights
Yearbook Journalism



COLLEGE COURSES TAUGHT AT ARAPAHOE HIGH SCHOOL

University of Colorado at Denver:

Arapahoe High School has been working closely with the University of Colorado at Denver in order to offer a variety of courses at Arapahoe High School whereby students can receive high school and college credit. The courses are taught by U.C.D. instructors or approved Arapahoe Instructors. If a student takes one of these courses for college credit, an adjusted college tuition fee must be paid by the student to U.C.D. The U.C.D. courses currently offered at Arapahoe High School are:

Calculus 1, 2
AP Calculus BC

Probability and Statistics

THE POSTSECONDARY ENROLLMENT OPTIONS ACT

Please stop by our Post Graduate Center located in the Arapahoe High School's Guidance Office.

High school juniors and seniors are eligible to take college courses that can count as both high school and college credit through a program called the Post Secondary Enrollment Options Act (PSEO). The courses must be applicable to high school graduation requirements and should be courses that are not offered at the high school unless the reason for taking it at the college is because of a scheduling problem or where courses offered in a different setting may stimulate or maintain the student's interest. Private music classes, Physical Education classes and remedial classes (Classes below the 100 level) do not count for PSEO credit. Fall classes must be taken above the required high school class load.

The school district will be responsible for one or two courses per academic term offered by the institution of higher education. Students can receive approval to take more than two courses but must pay the tuition for any course beyond two. The school district will reimburse the tuition portion only, textbooks, fees, transportation, and other costs are the responsibility of the student/parent. All state higher education institutions are eligible to receive students under the Postsecondary Enrollment Options Act

If a student is anticipating attending college while enrolled in high school, the application needs to be completed by May 15 for fall classes and November 15 for spring classes and submitted for building and district approval. Summer classes are not eligible under the College Options Act. The application forms are available in the counseling office, along with a Co-enroll Student Options Act application contract, which also needs to be completed by the student.

At all institutions the student completes the course(s), the student will be responsible for obtaining a transcript or course grade to be submitted to the high school for credit purposes. The letter grade earned at the college level will be the grade utilized for grade point average computation. The college transcript becomes a permanent record at both the high school and college regarding academic achievement.

If a student drops a college course without the consent of the principal or counselor after the add/drop date of the college, the district will not reimburse the student's parents or guardian for the tuition. Reimbursement will not be paid for students who do not obtain a C or better in their college classes.

Further information of the Post Secondary Education Options Act is available through your counselor or the assistant principal for instruction.

**NATIONAL COLLEGIATE ATHLETIC
ASSOCIATION CLEARING HOUSE
REQUIREMENTS**

**For current and detailed information concerning
NCAA academic eligibility requirements,
please visit their website at: www.ncaa.org.**

ACADEMIC ELIGIBILITY

Division I

2008 and Later

If you enroll in a Division I college in 2008 or later and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- Graduate from high school;
- Complete these 16 core courses:
 - * 4 years English
 - * 3 years of math (Algebra I or higher)
 - * 2 years of natural or physical science (including one year of lab science if offered by your high school)
 - * 1 extra year of English, math or natural or physical science
 - * 2 years of social science
 - * 4 years of extra core courses (from any category above, or foreign language, non doctrinal religion or Philosophy);
- Earn a minimum required grade-point average in your core courses; and
- Earn a combined SAT or ACT sum score that matches your core-course grade-point average and test score sliding scale on page 9 (for example, a 2.400 core-course grade-point average needs a 860 SAT).

Note: Computer science courses can be used as core courses only if your high school grants graduation credit in math or natural or physical science for them, and if the courses appear on your high school's core-course list as a math or science courses.

Class of 2008 - 16-Core Course:

- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (one must be a lab science)
- 1 year of additional English, math or science
- 2 years of social studies
- 4 years of additional core courses (from any area listed above, or from foreign language, non doctrinal religion or philosophy)

This increase is effective August 1, 2008, for students first entering a collegiate institution on or after August 1, 2008. For a course to count toward the requirements above, the course must appear on your high-school's list of approved core courses. You can find your high-school's list by going to www.ncaaclearinghouse.net.

**New Core GPA/Test Score Index
(to be used with 14 core courses)**

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

Division II

Class of 2005 and Later

If you enroll in a Division II college in 2005 or later and want to participate in athletics or receive an athletics scholarship during your first year, you must:

Graduate from high school,

Complete these 14 core courses:

3 years of English

2 years of math (algebra 1 or higher)

2 years of natural or physical science (including one year of lab science if offered by your high school)

2 extra years of English, math or natural or physical science

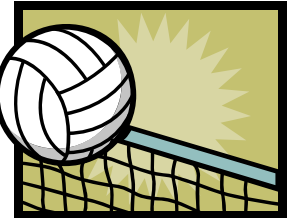
2 years of social science

3 years of extra core courses (from any category above, or foreign language, nondoctrinal religion or philosophy);

Earn a 2.000 grade-point average or better in your core courses; and

Earn a combined SAT score of 820 or an ACT sum score of 68. (There is no sliding scale in Division II.)

Note: computer science course can be used as core courses only if your high school grants graduation credit in math or natural or physical science for them, and if the courses appear on high school's core-course list as a math or science course. This is not the case at Arapahoe High School.



Division III

Division III does not use the NCAA Initial-Eligibility Clearinghouse. Contact your Division III college regarding its policies on financial aid, practice and competition



BUSINESS & MARKETING EDUCATION



GRADUATION REQUIREMENT

Introduction to Computer Applications
or
Computer Applications 1

ELECTIVES

Accounting I
Introduction to Business
Business Communications
Business Law
Professional Employment Training
Personal Finance
Computer Applications I
Desktop Publishing
Web Design I and II
Marketing
Advanced Marketing
Sports & Entertainment Marketing
Entrepreneurship

CERTIFICATES OF PROFICENCY*

Business Management

- Accounting I (Full year required)
- Business Law
- Computer Applications I
- Plus one elective

Business Technology

- Computer Applications I
- Web Design I or Desktop Publishing
- Plus one elective

Accounting

- Accounting I (Full year required)
- Personal Finance
- Computer Applications I

Marketing

- Marketing (Full year required)
- One additional semester of marketing
from following:
Advanced Marketing
Sports & Entertainment Marketing
Entrepreneurship
- Plus one elective

*Awarded for completion of all courses

listed in each area of specialization with a grade of B** or better.

These certificates are impressive credentials on college and job applications.

**Grade requirement of B or better in certificate courses is effective for classes taken Fall 2006 and after. Students completing certificate courses prior to this date will be grandfathered in under the old requirement of a grade of C or better.

BUSINESS AND MARKETING EDUCATION DEPARTMENT

FINANCIAL

ACCOUNTING I

MWF Semester 1 and 2 10, 11, 12
Credit: 3 hours

Prerequisite: Accounting I is a year-long course. Students need to complete S1 to enroll in S2. Recommended to take S1 and S2 as a year-long course, but one off-track section of S1 will be offered in the Spring.

Fee: \$15.00 per semester

Accounting is the language of business and will be required of anyone attending a business school or pursuing a major or minor in business in college. By taking accounting in high school, you will have a good background for future successes at the college level, as well as receiving many personal benefits. Emphasis is on the basic principles, concepts, and procedures of accounting. Basics covered include recording transactions to the journal, posting, and preparing financial reports. You will go through the accounting cycle and complete manual and computerized practice sets. Arapahoe Community College credit available for taking 2 semesters with a "B" or better grade.

ACCOUNTING II

MWF Semester 1 and 2 10, 11, 12
Credit: 3 hours

Prerequisite: Accounting I

Fee: \$15 .00 per semester

If you enjoyed the first year of accounting, you will receive more in-depth training in this advanced course. Necessary skills will be developed for university business classes in accounting or related careers or for employment after high school. Emphasis will be placed on decisions made in the managerial accounting of corporations by analyzing financial statements; professional business ethics are also emphasized. You will use integrated technology to work on projects and complete simulations to apply accounting theories and generate reports. Arapahoe Community College credit available for taking 2 semesters with a "B" or better grade.

PERSONAL FINANCE

MW Semester 1, 2 11, 12
or Credit: 2 hours

TR Prerequisite: 10th grade students may take the course if they received an A or B in Intro to Business

Fee: \$5.00

Did you know that High School seniors nation wide were tested on Personal Finance and only 52% passed the test? Are you constantly wondering where your money went and why you don't have enough? This course is a MUST before you graduate and gain financial independence from your parents.

PERSONAL FINANCE - Continued

Personal Finance will help you manage your own money, make sound financial decisions, and develop strategies for major and minor life events such as renting an apartment or buying a home, purchasing a car, choosing insurance, attending college, or planning for retirement.

Understanding financial management concepts is an important life skill, whether you are college bound or not. From credit to insurance to taxes, it is imperative that you understand the financial consequences of your choices.

You will enjoy learning this "real world" information in a variety of formats including guest speakers, group projects, Internet research, computer applications, real world experiences and simulations. You will be required to use critical thinking skills to apply the concepts you learn to your own life!

GENERAL BUSINESS

INTRODUCTION TO BUSINESS

TR Semester 1, 2 9, 10

Credit: 2 hours

Prerequisite: None

Fee: \$5.00

Explore the world of business opportunities! This course will serve as background for other business courses you may take in high school. You will develop an understanding of how business affects your everyday lives. It will assist with consumer decision making, and help prepare you for future employment. You will be shown the realities of Entrepreneurship. You will participate in simulations and study real life situations, all as part of this class. If your interest is Business — then this class is for you. A wide variety of projects will put your knowledge to work.

BUSINESS LAW

TR Semester 2 10, 11, 12
Credit: 2 hours

Do you know your rights as a citizen and a consumer? Business Law is a course designed to provide you with an understanding on your legal rights and responsibilities in everyday business operations. During this course you will take an in-depth look at the U.S. legal system, the criminal justice system, and the juvenile justice system. Other topics covered include contract law, torts, commercial paper, and consumer protection. Work done in this class will be both individually and in groups. You will have ample opportunity to express your opinions on various cases and legal scenarios. The semester will end with a very exciting mock trial

BUSINESS COMMUNICATIONS

MWF Semester 1, 2 10, 11, 12
Credit: 3 Hours
Prerequisite: None
Fee: \$5.00

Employer surveys put communication skills at the top of the list of essential employee qualifications needed in the business world today. Not only will good communication skills get you the job, but they will also ensure your effectiveness in the workplace. In this course we will analyze what good business communication is, and discuss useful strategies for achieving it in the workplace.

We will examine general principles of business communication, discuss real-world business communication needs, and examine management communication problems. You will apply your knowledge by writing memos, e-mails, a proposal, and a formal report. Corresponding speech assignments include informative, impromptu, and team presentations.

CAREER PREPARATION CAREER CONNECTIONS

TR Semester 1 and 2 9, 10
Credit: 2 hours
Prerequisite: Students must be referred by a counselor, parent, administrator, or teacher. Students do not need to complete S1 to enroll in S2.
Fee: None

What do you want to do after high school? Have you even thought about it? Here is your opportunity to do just that. In this course, you will be introduced to future employment opportunities through a variety of resources. Assessment tools identifying interests, values, and skills are completed in order to align exploration opportunities with future career choices. Post-secondary opportunities will also be identified and explored.

Do you know what skills you need to succeed in the workforce? If not, then this class is for you. This class is designed to relate academic success to success in the workplace. You will acquire employability skills such as team work, problem solving, and organizational skills. You will also be exposed to personal finance topics, which will help prepare you for financial independence after high school.

CAREER SUCCESS

TR Semester 1 and 2 11, 12
Credit: 2 hours
Prerequisite: Students must be referred by a counselor, parent, administrator, or teacher. Students do not need to complete S1 to enroll in S2.

Are you prepared for life after high school? This course is designed to prepare you for a successful transition from school to the workplace and/or post-secondary education and training.

Topics covered include self-assessment, career research, and post-secondary education and training options. You must be working or interning in the community and registered for community employment experience credits.

Tired of working at McDonald's? Want to learn how to succeed on your own? This is the class for you. This class is designed to help you acquire skills needed for career success. Learn how to obtain, keep, and resign from a job. Create a resume that will land an interview. Develop and practice financial management skills and learn how to be a responsible adult. You must be working or interning in the community and must be registered for community employment experience credits.

PROFESSIONAL EMPLOYMENT TRAINING (PET)

TR Semester 1, 2 10, 11, 12
Credit: 2 hours
Prerequisite: None
Fee: \$5.00

What you know when starting your first job/career can have a huge, positive effect on your success. This class is a golden opportunity for you to learn what employers want or expect from you as an employee. You'll learn the strategies and guidelines needed for interacting with co-workers, employers, and general public. Classroom activities will focus on employability and workplace skills, effectively communicating your needs, and exploring career education. Enrollment in this course is a prerequisite for Community Employment Experience (CEE).

COMMUNITY EMPLOYMENT EXPERIENCE (CEE)

MTWRF Semester 1, 2 11, 12
Credits: 5, 7, or 10 hours
Prerequisite: Professional Employment Training

You will be employed in the community and receive credit for successfully meeting employer requirements in the work setting. You will gain employment experience, develop occupational skills, and explore career interests.

Course Requirements:

1. Have completed or be concurrently enrolled in Professional Employment Training (PET) or Career Success class.
2. In addition to the PET class, be enrolled in a related business or marketing class concurrent with Community Employment Experience (CEE).
3. Pass the related business/marketing class or Career Success class to receive CEE credit.
4. Commit to 5, 7, or 10 credit hours of Community Employment Experience (CEE). You will receive one hour of credit for every 30 hours of work satisfactorily completed.
5. Enrollment in CEE is limited to 2 semesters.

TECHNOLOGY

INTRODUCTION TO COMPUTER APPLICATIONS (ICA)

TR	Semester 1, 2	9, 10
	Credit:	2 hours
	Prerequisite:	None
	Fee:	\$5.00

Proficiency Test: *If you have had previous keyboarding training and can "touch" type at least 40 wpm and have basic experience with formatting documents in Word, PowerPoint and Excel, you may test out of this course into the next level of Computer Applications I. Testing dates will be offered in both the Spring semester for upperclassmen and during the freshmen auditions for incoming freshmen. Contact the Business Department for detailed information.*

Has your Mom or Dad been typing all your papers and projects? Have a PowerPoint assignment due for class tomorrow and you're in a panic? Need to prepare a chart of your science research in Excel? This is the class for you!

Basic technology literacy skills are a must for your future success whether you're planning on going to college or preparing for the world of work. You will be able to use the skills and understanding acquired in ICA to be more successful in activities for other courses and outside the classroom. This class is your foundation for using technology to work more effectively. In this class you will learn to:

- Use the student server to access and store files and learn how to organize your computer files
- Master "touch typing," with emphasis on the development of technique, accuracy, and speed
- Enhance Internet Search skills and website evaluation
- Use Email effectively and attach files
- Use Microsoft Word to format word processed documents and design flyers
- Use PowerPoint to develop effective presentations
- Use Excel to organize data, perform mathematical calculations, and produce charts
- Explore a future career and college options
- Enhance communication skills
- Review English and proofreading skills
- Improve ability to follow technical instructions

COMPUTER APPLICATIONS I

MWF	Semester 1, 2	9, 10, 11, 12
or	Credit:	2 or 3 hours
TR	Prerequisite:	Intro to Computer Applications OR Introduction to Computer Applications Proficiency Exam
	Fee:	\$5.00

Enter the world of technology and prepare yourself for college and the future! This course is for students who have already mastered keyboarding and computer application skills. In this self-paced course, you will develop skills for word processing, spreadsheets, graphics, presentation and Internet applications. You will create many original assignments applying the applications learned in this course. This class allows you to be prepared for the many uses of computers in all high school classes and beyond.

WORD PROCESSING/DESKTOP PUBLISHING

TR	Semester 1, 2	9, 10, 11, 12
	Credit:	2 hours
	Prerequisite:	Introduction to Computer Applications, or Computer Applications I
	Fee:	\$5.00

Learn to use the computer to showcase your creative talents! Desktop publishing software is used extensively in this course. Advanced technology equipment, such as digital cameras, scanners, graphic images, and Internet services will be used to create flyers, CD covers, brochures, newsletters, and many other desktop publishing applications.

WEB DESIGN I

MWF	Semester 1, 2	9, 10, 11, 12
	Credit:	3 hours
	Prerequisite:	None
	Fee:	\$5.00

Do you have little to no working knowledge of creating HTML files by hand, but want to learn? If you're looking to learn HTML from scratch using simple editing tools, this is the class for you. Students will be introduced to the structure of HTML documents. You will learn how to design a personal webpage and functional websites for others.

Functional topics will include text formatting, using lists, tables, and brief foray into CSS.

Web Design I will also introduce you to web integration software and database concepts.

Students will work with clients both inside the school (teachers, student clubs, and athletic teams) and clients outside in the community to build web sites.

WEB DESIGN II

MWF	Semester 1, 2	9, 10, 11, 12
	Credit:	3 hours
	Prerequisite:	Web Design I
	Fee:	\$5.00

How do you design, implement, and maintain an e-commerce web site? Students will learn business concepts and design websites from a business perspective. Students will learn how to storyboard, write proposals, and to create professional web presentations. We will concentrate on the analysis that must precede and follow the actual writing of HTML pages.

Topics covered include:

1. Content: Determine the business mission for the site, identify audiences and their needs, organize material for a coherent presentation, graphical design, look and feel, accessibility, track results.
2. Project Management: Planning, requirements (need?), specifications (what?), design (how?), implementation, testing, and continuing operation and enhancement. Technologies include: HTML, CGI-BIN, Java, servlets, Java Server Pages (JSP), Active Server Pages (ASP), Enterprise Java Beans (EJB), XML, and more.

WEB DESIGN II - Continued

Web Design II will also use web integration software and database concepts.

Students will work with clients both inside the school (teachers, student clubs, and athletic teams) and clients outside in the community to build web sites.

MARKETING EDUCATION/DECA

To participate in the student organization, DECA, students are required to enroll in a marketing course for both semesters (one year). Working in the school store does not count as a marketing course for the purpose of DECA competition.

MARKETING

TR	Semester 1, 2	10, 11, 12
	Credit:	2 hours
	Prerequisite:	Students <u>need</u> to complete S1 to enroll in S2. Recommended to take S1 and S2 as a year-long course.
	Fee:	\$25.00

Do you spend money? Do you have a job? Or want a job? Do you desire a career in the business field? Marketing is the course for you! This course is designed for students of varied interests in the field of business. Everyone can benefit from the skill of marketing...if it's not a product being marketed, it could be yourself you need to market. In this course you will learn marketing basics, economics of the consumer world, and an in depth discovery of the world of sales.

Building off those basic fundamentals experienced in the first semester you will further discover the wonders of marketing. Diving into the exciting topic of promotion, you will explore advertising and what makes it so successful. Are you a leader? A manager? This course will also provide you with the opportunity to analyze your personality and how it fits in the corporate world.

All students enrolled in Marketing are also members of the student organization, DECA, An Association of Marketing Students. This co-curricular club provides hands on opportunities to connect classroom learning to the "real" world.

ADVANCED MARKETING

MWF	Semester 1, 2	11, 12
	Credit:	3 hours
	Prerequisite:	Must have completed two semesters of Marketing. Students <u>need</u> to complete S1 to enroll in S2. Recommended to take S1 and S2 as a year-long course.
	Fee:	\$25.00

What makes the world tick? What makes consumers buy? The consumer is becoming wiser and wiser and marketers must continue to keep up with their shopping expertise. This course is designed to introduce the world of market research and its increasing importance in our competitive marketplace. You

ADVANCED MARKETING - Continued

Let's put it all together! You have the chance to apply all the activities associated with marketing goods and services to customers. Working with the school store you will discover, design, and implement retail merchandising. An increased understanding of what is involved with retail management/ownership will be had by all as we explore entrepreneurship. You will also be introduced to the endless career opportunities in the realm of Marketing.

All students enrolled in Marketing are also members of the student organization, DECA, An Association of Marketing Students. This co-curricular club provides hands on opportunities to connect classroom learning to the "real" world.

SPORTS & ENTERTAINMENT MARKETING

MWF	Semester 1	11, 12
	Credit:	3 hours
	Prerequisite:	Marketing S1 and S2
	Fee:	\$25.00

Pending Board Approval in Spring 2007

Do you love sports? Are you fascinated by the exciting world of entertainment? Then Sports and Entertainment Marketing is the course for you! This course will help you to develop a thorough understanding of the marketing concepts and theories that apply to entertainment and sporting events. You will get to experience the world of basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports marketing plans. From there, we will delve into promotion plans, sponsorship proposals, sports marketing plans, and event evaluation and management techniques.

All students enrolled in Marketing are also a member of the student organization, DECA, An Association of Marketing Students. This co-curricular club provides you with the opportunity to connect classroom learning to the "real" world.

ENTREPRENEURSHIP

MWF	Semester 2	11 - 12
	Credit:	3 hours
	Prerequisite:	Marketing (S1 and S2)
	Fee:	\$25.00

Pending Board Approval in Spring 2007

Do you want to run your own business? Be your own boss? Make lots of money? These are the key elements of entrepreneurship. Take this class to find out the challenges and rewards of being an entrepreneur. Entrepreneurship is a course designed for students who are interested in expanding their marketing knowledge while gaining valuable and practical knowledge of the business world. This class will make economic concepts relevant to real life and fuel the entrepreneurial spirit.

All students enrolled in Entrepreneurship are also member of the student organization, DECA, An Association of Marketing Students. This co-curricular club provides hands on opportunities to connect classroom learning to the "real" world.

RETAIL LAB (SCHOOL STORE)

MWF Semester 1, 2 10, 11, 12
or Credit: 2 or 3 hours
TR Prerequisite: Must be currently enrolled in a Marketing course AND be approved through an application process.

Just no time in your day for a job? Enjoy working with others? The school store is for you! You will get practical hands-on work experience during the school day in the school store. You will learn inventory processing, cash register balancing, ordering, and display design. This is a non-paid, in school work experience.

An application is required for this position. See the Business Department for details.

MARKETING INDEPENDENT STUDY

MWF Semester 1, 2 12
or Credit: 2 or 3 hours
TR Prerequisite: Must have completed all available Marketing courses AND approval from instructor.

This course is an opportunity for you to further explore the field of marketing through an independent marketing project after the completion of Advanced Marketing and all other marketing courses. This is a very time consuming, yet rewarding, venture and should only be pursued by those with serious interest.



Family and Consumer Sciences Scope and Sequence

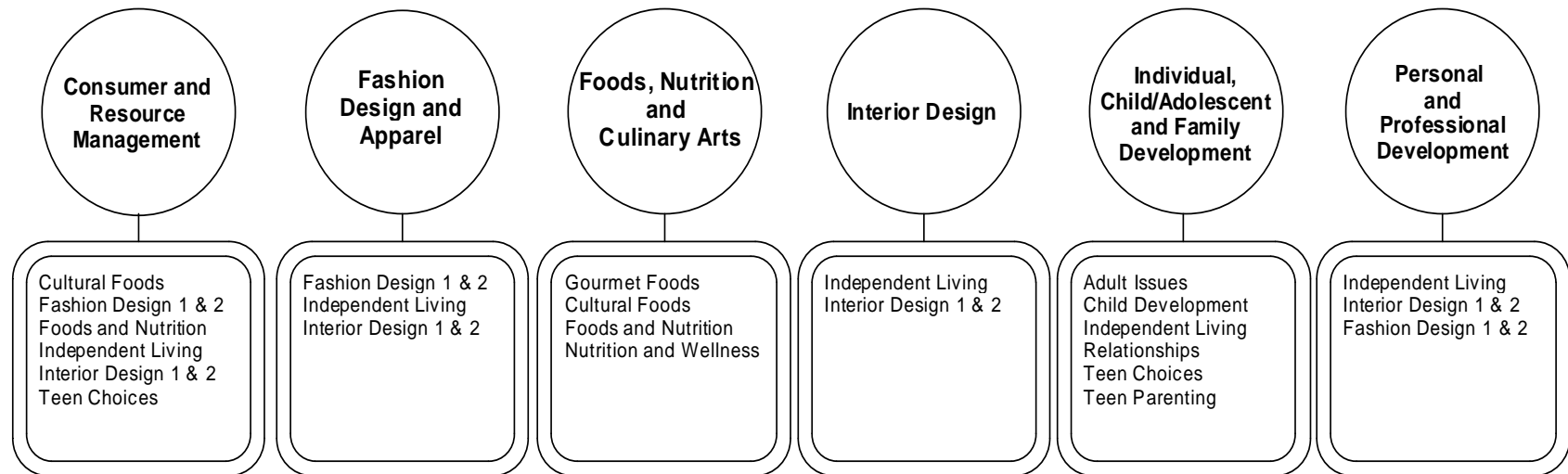
Middle School Level

Sixth Grade
Family and Consumer
Sciences

Seventh Grade
Family and Consumer
Sciences

Eighth Grade
Family and Consumer
Sciences

High School Level (Students may select from any of the following areas of specialization.)



Program Completer-

A Career and Technical student is considered a program completer for state funding purposes when they successfully complete 2 semester long courses with a grade of C or better. These courses are chosen from the state required CORE curriculum courses which include: Adult Issues, Child and Adolescent Development, Independent Living, Relationships, Teen Choices, and Teen Parenting.

Career Pathways-

College credit is available for each of the following sequences of classes: Fashion Design 1 & 2 and Interior Design 1 & 2

FAMILY AND CONSUMER SCIENCES DEPARTMENT

ADULT ISSUES

TR Semester 1 11, 12
Credit: 2 hours
Prerequisite: None

This one semester course is designed specifically for juniors and seniors to explore and problem solve issues facing them as young adults. Several models for problem solving and decision-making are explored while allowing students to learn about themselves and directly apply the information in everyday life. Personal inventories, video analysis, case studies, reflective writing, and critical thinking are all activities that students will participate in throughout the semester. Many relationship and social issues are explored that are real and relevant to their future success as mature adults in today's society.

CHILD AND ADOLESCENT DEVELOPMENT

TR Semester 1 10,11,12
Credit 2 hours
Prerequisite: none

Child Development is a one-semester course introducing students to various aspects of parenting, and the development of children from birth to adolescence. We will study family structures, decisions about becoming a parent, theories of human development, advantages of planning pregnancy and childbirth, the development of the child from conception through the teenage years, discipline, and many other issues involved in raising and caring for children. This course involves writing, and reading assignments, projects, and includes the "Baby Think It Over" simulation. This is an excellent class for any student interested in working with children and offers opportunities to look at personal development and also to better understand others.

CULTURAL FOODS

MWF Semester 2 11, 12
Credit: 3 hours
Prerequisite: None
Fee: \$25.00

In this one semester course students will explore cuisine from all around the globe. Cross-cultural contributions will be explored during the first few weeks including sensory evaluation, cooking with flair, and herbs and spices. Each student will research a country creating a PowerPoint presentation to share orally with the class. Numerous countries will then be studied including the unique aspects of the culture, characteristics of their cuisine, common ingredients and classic dishes, and preparation techniques. Lab experiences will follow for each culture. This course is not recommended for vegetarians.



FASHION DESIGN I and II

MWF Semester I and II 10, 11, 12
Credit: 3 hours (per semester)
Prerequisite: None
Fee: \$7.00 (per semester)

Fashion Design I and II is a year long career pathway program designed for students interested in pursuing fashion as a potential career. Students need to sign up for both semesters (fall and spring) in the same school year. In this course students will be introduced to the world of fashion design and clothing construction. During the first semester students will study fashion history, prominent designers, fashion wants and needs, fashion terms, the elements and principles of design, and fashion drawing. Textiles, including fibers, yarns, fabrics, weaves, and fabric finishes will be introduced. Students will also complete one required sewing project. During the second semester students will explore fashion production by studying the design and manufacturing process. Students will design a product, construct it, and then develop a marketing plan to merchandise it. An additional construction project of the students' choice will be completed and the cost of this project will vary. In addition fashion capitals, fashion cycles, and current trends and technology will be discussed. Career information and educational opportunities will be explored throughout both semesters.

FOODS AND NUTRITION

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours
Prerequisite: None
Fee: \$15.00

This class is a solid introduction to the world of cuisine and the relationship between the preparation and consumption of food and general health and nutrition. Students will broaden their knowledge of food preparation techniques, meal management and consumer skills. Individual food groups are studied with practical lab experiences that follow. Students will also be assessed through study guides, video worksheets, quizzes, and a final exam. At the end of the semester students put all their newly acquired skills together (in a large group situation) planning and preparing a meal for themselves and several invited guests.



GOURMET FOODS

MWF Semester 1 11, 12
Credit: 3 hours
Prerequisite: Foods and Nutrition or Cultural Foods
Fee: \$25.00

In this course students will analyze the concept of food preparation based on social entertaining. A seven course meal is explored, one course at a time. Courses include appetizers, soups, salad, bread, vegetables, entrees, and desserts. In addition students focus on table setting, napkin folding, table service, manners and etiquette, palate cleansers, and garnishes and edible decorations. Throughout the semester students will compile a personal recipe file including recipes for all seven courses studied. Each student will also design and construct a gingerbread house.

INDEPENDENT LIVING

TR Semester 2 11, 12
Credit: 2 hours
Prerequisite: None
Fee: \$5.00

This class is designed to aid students as they graduate from High School and begin to live on their own. Whether you are going on to college or straight into the work force you will find this course helpful! In this course students learn how to search for employment, investigate career interest areas, create a job portfolio, manage finances, purchase automobiles and secure insurance, select appropriate housing and roommates, discover consumer rights and responsibilities, and manage personal wellness. There will be several opportunities to work in the foods lab as well.

INTERIOR DESIGN I and II

MWF Semester I and II 10, 11, 12
Credit: 3 hours (per semester)
Prerequisite: None
Fee: \$15.00 (per semester)

Interior Design I and II is a year long career pathway program designed for students interested in pursuing interior design as a potential career. Students need to sign up for both semesters (fall and spring) in the same school year. In this course students will be introduced to the fundamentals of the field. During the first semester students study the history of housing, American architecture, the elements and principles of design, furniture styles and arrangements, backgrounds, lighting and accessories, basic drafting skills, and design presentation. As a culminating project in level I students will design and construct a room to scale allowing them to demonstrate their understanding of the knowledge acquired throughout the semester. During the second semester students further their knowledge through projects in both residential and commercial design. Students will follow the design process while completing several portfolio-ready projects. Areas of study include concept and thematic design, design practices such as Feng Shui, kitchen design, universal and sustainable design, and commercial office space planning. Skills emphasized in this semester include drawings and renderings (both hand drafted and computer aided), architectural lettering, design presentation boards, development of color schemes, and sample selections. Career information and educational opportunities will be explored throughout both semesters.



RELATIONSHIPS

TR Semester 2 11,12
Credit: 2 Hours
Prerequisite: None

People who have a positive self-image and build healthy relationships experience success in their personal, family, and professional lives. This success depends on the person's ability to effectively communicate and interact with others. Because of the changing relationships and lifestyle trends within our society, there is an increasing need for developing healthy, stable, critical thinkers through personal and family life studies. Relationships class takes a look at the individual, the couple, and the family providing you with the tools to form healthy relationships now and in the future. The coursework includes an emphasis on written assignments, individual and group projects, book reports, and includes the "Baby Think It Over" simulation.

TEEN CHOICES

TR Semester 1, 2 9,10
Credit: 2 Hours
Prerequisite: None

Teen Choices is a semester course designed for freshman and sophomores who want to make the most of their high school years. You can expect it to be one of your favorite classes. Why? Because it is all about you, your struggles, your relationships and the decisions you are faced with daily. This course looks at all the issues that affect you as you go through these teen years. The coursework offers a variety of writing assignments, group projects, group discussions, guest speakers, journal writing, readings from a variety of sources on current topics and an opportunity to set personal goals, reflect on decisions, and prepare for the future.



GIFTED AND TALENTED PROGRAM

ADVANCED SEMINAR: SPECIAL TOPICS

TR Semester 1,2 11, 12
Credit: 2 hours per semester
Prerequisite: GT Teacher Approval

This class is targeted toward highly motivated, self-directed learners who seek knowledge for the sake of knowledge. The focus of this class is on group discussions using the Socratic Seminar method of class facilitation. Topics of study and discussion may include creative problem-solving, current events, philosophy, technology, literature, mathematics, science and the arts. This class may be repeated.

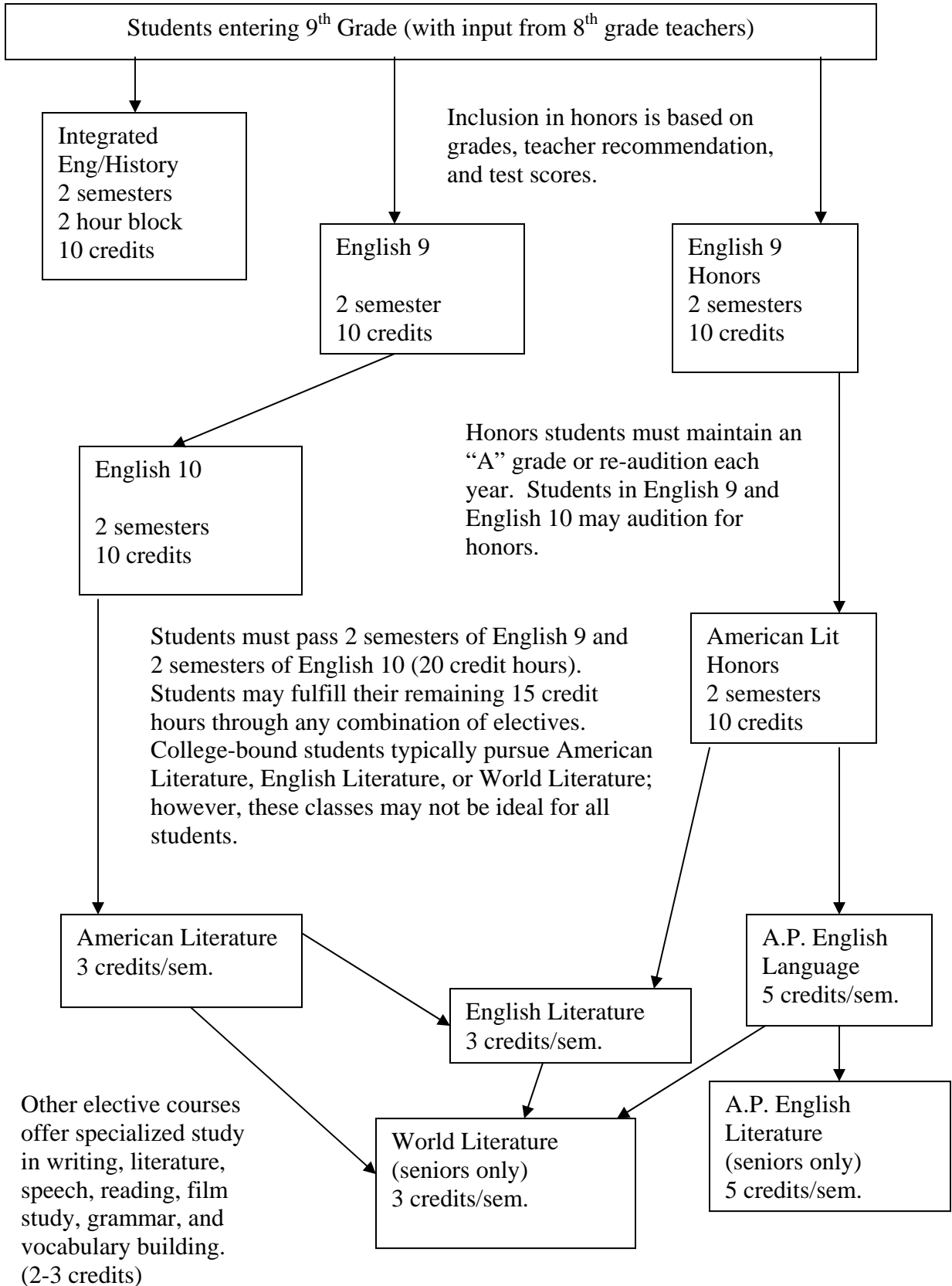
SEMINAR: SPECIAL TOPICS

TR Semester 1, 2 9, 10
Credit: 2 hours per semester
Prerequisite: GT Teacher Approval

Seminar Special Topics is for selected identified gifted & talented freshman/sophomore students who need extra help learning organizational and study skills. Goals for the class include promoting a positive self-concept, developing independent learning skills, becoming more organized, and learning to set goals, both personally and academically. Students will learn about their own learning style and discover their strength areas through personality inventories. There is a focus on personal talents and students have an opportunity to complete an independent project based on their passions and interests. This class may be repeated.



LANGUAGE ARTS DEPARTMENT



LANGUAGE ARTS DEPARTMENT

ENGLISH 9-S1

MTWRF Semester 1 9

ENGLISH 9-S2

MTWRF Semester 2 9

Credit: 5 hours per semester

Prerequisite: Required for all freshmen except Basic Skills and Honors Students

These courses offer training in effective reading, writing, listening/viewing, and speaking skills, all vital to success in high school. Students study literature as the primary, though not exclusive, content for instruction in reading skills. They read, listen to and view novels, short stories, poetry, drama, nonfiction, and essays for a variety of purposes, including utilizing informative and technical materials and identifying literary techniques. Students learn and practice strategies in order to comprehend materials at the literal, interpretative and evaluative levels. Students learn the process to follow in order to write and speak for a variety of purposes: practical, technical, expository, creative, persuasive, critical and argumentative. Students learn to organize their thoughts, craft fluent sentences, make careful word choices and present their ideas in effective written and oral formats. Successful completion of this course prepares students for success in English 10.

Single-gender English 9 offering:

This class focuses on strengths of one gender, based on research, books, articles, and teacher/student feedback. Students have found success with less distractions, higher grades, and improved writing skills. It is recommended to take this course all year to have the best impact.

INTEGRATED U.S. HISTORY /ENGLISH 9-S1

MTWRF Semester 1 9

INTEGRATED U.S. HISTORY /ENGLISH 9-S2

MTWRF Semester 2 9

Credit: 10 hours per semester

(this course is taught in a 2-hour block)

Prerequisite: None

American Humanities is a year long course integrating American history and American literature. This course begins with a review of early American History from European exploration through the Civil War. The course will then focus in depth on industrialism through the 1990s. Students learn critical thinking skills necessary to understand history and language arts as well as skills that expand their reading and writing abilities. A focus of the class is to have students realize that what we see, think, draw, write or compose reflects the values and struggles of Americans at any given time and gives meaning to what it is to be an American. This class meets in a daily two-hour block and satisfies the requirements for both freshmen history and language arts (20 credits). Enrollment is limited.

ENGLISH 10-S1

MTWRF Semester 1 10

ENGLISH 10-S2

MTWRF Semester 2 10

Credit: 5 hours per semester

Prerequisite: Required for all sophomores except Basic Skills and Honors Students

These courses emphasize further knowledge, practice, and application of the four basic areas of communication: reading, writing,

speaking, and listening. This course moves through a variety of literature, skills, and knowledge at a more advanced level than English 9 and provides students with the opportunity to refine and enhance their communications skills. Students study literature as the primary, though not exclusive, basis for instruction. They read novels, short stories, poetry, drama, nonfiction, and essays. Students apply reading strategies and examine the elements of literature and literary techniques with the focus on interpretation. Students write analytical and comparative multiparagraph essays. Editing and proofreading at this level emphasize refinement of ideas as well as more sophisticated word choice and sentence structure. Students apply the research process to produce a literary essay. They use persuasive techniques while speaking and writing. Students learn critical listening skills to interpret and evaluate class discussions and presentations. Successful completion of this program provides a foundation for vocational or college preparatory courses.

AMERICAN LITERATURE -S1

MWF Semester 1 11, 12

AMERICAN LITERATURE-S2

MWF Semester 2 11, 12

Credit: 3 hours per semester

Prerequisite: Recommended for students who have a grade of B or above in English 10-1 and English 10-2. Not recommended for students with a D or F.

American Literature 1 and 2 are recommended for college-bound students. Classes will read and study novels, short stories, poetry, non-fiction, and plays by American authors; particular authors for study may include Nathaniel Hawthorne, F. Scott Fitzgerald, Arthur Miller, Toni Morrison, Amy Tan, Mark Twain, and John Steinbeck. The courses stress analytical reading, class discussion, development and refinement of the multiparagraph expository essay, and the importance of speaking and listening. Students can expect to write several essays during each semester and to use a variety of assessment tools. Students will be required to complete outside reading of numerous literary selections, culminating in an independent critical research project on a significant American genre of literature.

ENGLISH LITERATURE-S1

MWF Semester 1 11, 12

ENGLISH LITERATURE-S2

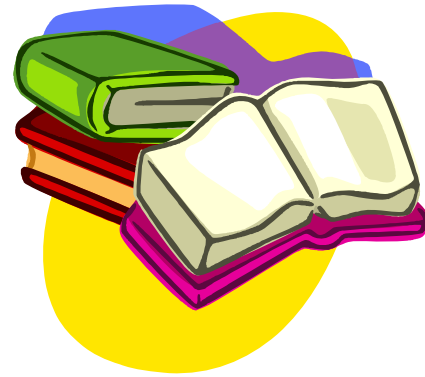
MWF Semester 2 11, 12

Credit: 3 hours per semester

Prerequisite: American Literature 1 or 2

English Literature 1 and 2 are recommended for college-bound students. English Literature 1 concerns pre-twentieth century literature, while English Literature 2 focuses primarily on twentieth century writing. English Literature 1 follows the historical approach, with representative English works including *Beowulf*, *The Canterbury Tales*, and *Hamlet*. English Literature also includes selections from World Literature such as *Oedipus Rex* and Dante's *Inferno*. Students will conduct independent studies of readings from various literary eras.

English Literature 2 includes satire, comedy, poetic interpretation, and other diverse literary forms. Works studied include *Brave New World* and *Much Ado About Nothing*. Shorter works include selections from *Camus*, *Kafka*, *Marquez* and *Gordimer*. Both classes are college preparatory courses with provision for in-depth treatment of some of the material both on an individual and group basis. Writing skills are continually refined and analytical papers are required on reading done for both in-class and out-of-class study.



WORLD LITERATURE-S1

MWF Semester 1 12

WORLD LITERATURE-S2

MWF Semester 2 12

Credit: 3 hours per semester
 Prerequisite: recommended for students with a grade of C or above in the junior year English courses

World Literature encompasses literature from faraway places like India, China, Ancient Mesopotamia, Japan, Africa, the Middle East and Europe, often reaching beyond the traditional western literary orientation. The first semester focuses primarily on the spiritual literature of ancient civilizations, the epic, and some poetry. Spring semester investigates more modern works and movements in literature, including European writers who have shaped modern thought.

As college preparatory courses, both semesters will feature in depth treatment of many complete texts, and substantial outside reading. Students should expect frequent analytical papers that call for critical thinking and refined writing. Classroom discussions will generate much of our material for exams and essays. Be ready to stretch your imagination; you will encounter ideas that will be strange, challenging, and fun.

HONORS CLASSES

***Teachers/Counselor approval and admissions essays are required for enrollment in English 9-Honors, American Literature Honors, English Literature Honors, and Advanced Placement English.**

***ENGLISH 9-S1 (HONORS)**

MTWRF Semester 1 9

***ENGLISH 9-S2 (HONORS)**

MTWRF Semester 2 9

Credit: 5 hours per semester

Prerequisite: English teacher recommendation and counselor approval

This course is designed for the superior student who is mature, intellectually motivated and who demonstrates proficiency in reading and writing. In addition to satisfying the objectives of English 9, the course provides each student the opportunity to become more skillful in analytical classroom discussion, critical analysis in written expression, comparative analysis of various literary genre and interpretation of more sophisticated reading material from various world authors.



*AMERICAN LITERATURE-S1 (HONORS)

MTWRF Semester 1 10

*AMERICAN LITERATURE-S2 (HONORS)

MTWRF Semester 2 10

Credit: 5 hours per semester

Prerequisite: English teacher recommendation and counselor approval

For the able, ambitious and independent learner, this course offers representative writers of American literature. Among the many works which may be read are *The Crucible*, *The Scarlet Letter*, *Walden*, *The Great Gatsby*, *The Grapes of Wrath*, *A Farewell to Arms*, *The Adventures of Huckleberry Finn*, *Death of a Salesman*, *Their Eyes Were Watching God*, *Cold Mountain*, excerpts from essays by Emerson, Douglass and Hurston, as well as poems by Dickinson, Poe, Whitman and other important American poets. The course examines the American culture and the American character. Skills to be developed/refined include techniques in interpretation of literature, critical thinking, classroom discussion, semantics, writing, vocabulary, listening, speaking and independent learning. Students may expect to be assessed in a variety of ways and to write several multiparagraph essays. An independent study project is part of the reading and writing expectation.

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

MTWRF Semester 1 11, 12

MTWRF Semester 2

Credit: 5 hours per semester

Prerequisite: English teacher recommendation and counselor approval

A.P. Language and Composition is a college-level course, which complements the senior year A.P. Literature and Composition, focuses on expository prose both as the object of study and the product of student work.

The course aims to enable students to become skilled readers of complex prose from various academic disciplines and historic periods and accomplished writers who can compose in a variety of modes and for a variety of purposes.

Material studied will include personal writing: journals, autobiographies, diaries; biographies and histories, journalism and essays; political writing and satire; works of naturalists, scientists, adventurers. Additional selections will be drawn from masterpieces of English literature. The chief practice is writing academic, analytical, and argumentative essays, employing a range of writing strategies and devices, forming a solid portfolio of personal and reflective expression as well as a strong base for academic and professional communication.

The course culminates with the nation-wide A.P. English exams in May. This course is offered to juniors who qualify by the following criteria:

- *High achievement in previous English courses.
- *High-standardized test scores.
- *Recommendation of previous English instructors.
- *Ability to think critically and to write effectively about prose as demonstrated through an admissions essay.
- *Desire to study prose for its own sake.

*ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION-S1

MTWRF Semester 1 12

*ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION-S2

MTWRF Semester 2 12

Credit: 5 hours per semester

Prerequisite: English teacher recommendation and counselor approval

Advanced Placement English Literature, a college level seminar-style course, includes an intensive study of literature — drama, fiction, poetry, essays — and composition. Several independent study projects, stressing literary criticism, are required each semester. Students write often and have an opportunity to analyze, criticize, and discuss their work with other class members and the instructor. In the second semester, the course is highlighted by the student's participation in the nation-wide Advanced Placement English exams in May. This course is offered to seniors who qualify by the following criteria:

- * High achievement in previous English courses.
- * High-standardized test scores.
- * Recommendation of previous English instructors.
- * Ability to think critically and to write effectively about literature as demonstrated through an admissions essay.
- * Desire to study literature for its own sake.

ELECTIVES

(Not all electives are offered each semester. Please check current registration materials.)

CREATIVE WRITING

TR Semester 1, 2 10, 11, 12

Credit: 2 hours per semester

Prerequisite: None

Creative writing encourages students to pursue writing on a personal and imaginative basis. The course emphasizes descriptive and narrative (as opposed to expository) writing. Students will examine precise word usage, tone and format within their own writings. A program of both directed and non-directed activities includes experience with character and place sketches, short stories, poetry, journals and the personal essay. Students should have a mastery of basic writing skills and may expect to focus class time on developing specific writing talents. Students may experience the "workshop" approach for critiquing and revising a written piece.

ADVANCED CREATIVE WRITING

TR Semester 2 10, 11, 12

Credit: 2 hours per semester

Prerequisite: Creative Writing and teacher approval

This course offers further exploration of and practice with more sophisticated creative writing techniques. Students will complete various self and peer evaluations of prepared writing pieces; revision and continued shaping of manuscript will be encouraged. The students will investigate professional writing markets and procedures for inquiry about those markets. This course is designed for the truly motivated student who wishes to refine creative writing talent.

CONTEMPORARY NOVELS

MWF Semester 1,2 9, 10,11, 12
Credit: 3 hours per semester
Prerequisite: None

Drawing on a variety of distinguished fiction, drama, poetry, and non-fiction, plus highlighting the features of each form, this course will give students opportunity to identify, compare, and contrast the values, characteristics, problems, and pressures of works which are part our common heritage as well as different cultures recently past and relevantly present. The literature will be analyzed on and evaluated for its literary excellence, social significance, artistic effectiveness, and personal meaning. Students will initiate perceptive and articulate discussions, practice in-depth reading, and write with practiced facility.

ELEMENTS OF COMPOSITION I - S1, S2

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

Elements of Composition is a computer lab course which focuses on the improvement of writing skills and the development of individual style. The course teaches the process of writing from pre-writing to final copy, including peer editing and revision, with close attention to the traits of good writing. Students have the opportunity to write using persuasion, comparison, imagery and humor to aid in the development of their individual styles. Enrollment is limited to 16-20 students depending on the lab. Students may only take this course once for Language Arts credit but may be repeated for Elective credit.

FILM STUDY: VILLIANS

TR Semester 2 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This semester course is designed to familiarize the student with different types of movies and directional styles. Students will view films and study them from historical, technical, thematic and aesthetic points of view. A major goal of this course is to help students become more discerning film viewers. Students will be expected to discuss and write about films seen inside and outside of class. Also included will be an oral group presentation based on research and careful study on a related film. Genres studied include, silent comedy, film noir and adventure.

FILM STUDY: HEROES

TR Semester 1 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This semester takes a closer look at the history of film through the years and analyzes genres not covered in the first course — westerns, war films, animation, and foreign films. A group presentation is required to demonstrate close study of other films for each genre the class examines. At least two short papers will be written.

GRAMMAR LAB

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This class emphasizes traditional grammar concepts and mechanical skills. The course focuses on the rules of capitalization, punctuation, verb tense and voice, pronoun case, possession, agreement, modifiers, syntax, etc. These skills are taught through handouts and worksheets, as well as through editing and proofing of student work and other printed materials, such as newspapers. The course is designed for students who wish to perfect their grammar skills in both oral and written communication and for ACT/PSAT/SAT preparation.

FILM STUDY HUMANITIES:

SOCIAL CHANGE

TR Semester 1 11, 12
Credit: 4 hours (2 hrs Social Studies and
2 hrs Language Arts)
Prerequisite: None

This interdisciplinary humanities courses is an academic examination of film as a medium which reflects and/or defines culture. The class will provide an in-depth look into how films subtly reveal the ideals and biases of society from the 1900's to the present. Students will be required to connect events and attitudes of society at a particular point in history with that of a film released at the same time. Students, upon successful completion of this course, will receive 2 Social Studies credits and 2 Language Arts credits.

FILM STUDY HUMANITIES:

DEFINING HUMANITY

TR Semester 2 11, 12
Credit: 4 hours (2 hrs Social Studies and
2 hrs Language Arts)
Prerequisite: None

Same course structure as Film Study Humanities: Social Change, but with a different selection of films. Students **do not** have to take Film Study Humanities: Social Change before taking this course.

SPELLING AND VOCABULARY

TR Semester 1, 2 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

The purpose of this course is to increase the student's command of English vocabulary through the study of its Latin and Greek roots and borrowings from other languages. Some spelling and SAT/ACT verbal practice will be included. Also, application of learned vocabulary through writing will occur periodically. This course is recommended for college-bound students.

MYSTERY LITERATURE

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This course offers the student an opportunity for reading and discussing mystery and detective literature, with various selections from the cozy English mystery, the "sleuth" or inspector mystery, and the haunting mystery. Activities challenge students to enrich vocabulary, to develop skills of inductive and deductive reasoning, and to inquire into the history and progression of the mystery story from its beginnings in the mid 1800's to the present day. Students will study the early works of Agatha Christie and Sir Arthur Conan Doyle as well as current authors such as Tony Hillerman, Michael Connelly, Lee Child, and Patricia Cornwell.

GREEK MYTHOLOGY

TR Semester 1, 2 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This course explores many famous Greek myths involving divinities, heroes, and mythological monsters. Writing will occur periodically, so the class does have an uncompromising academic side. Appropriate A-V materials, along with creative projects such as original myths, mythology travel brochures, and mythology board games, encourage student imagination and involvement. The course emphasizes the relevance of many of these myths to modern literature and life.



WORLD MYTHOLOGY

TR Semester 1, 2 10, 11, 12
Credit: 2 hours per semester
Prerequisite: Greek Mythology

The first mythology course will pave the way for this more global look at mythology and mythic patterns, or archetypes. By comparing myths from other cultures beyond the Greco-Roman, students will become aware of the archetypal patterns inherent in the myths. This course will introduce “formative” myths from the Middle East and Asia, as well as myths from our own continent. Students will write their own myths and analytical papers.

POETRY

MWF Semester 1, 2 9, 10, 11, 12
Credit: 3 hours per semester
Prerequisite: None

This course is designed to increase knowledge of poetic terms and devices as well as enjoyment and understanding of poetry through the study of a variety of poems, poets, and influential movements. Poetry is meant to be heard, experienced, and to linger on its message. So several assumptions of this class are: oral presentations, sharing ideas, and writing. Various ways to analyze poetry will be discussed as well as ways to find inspiration for your own writing.

SCIENCE FICTION

MWF Semester 1, 2 9, 10, 11, 12
Credit: 3 hours per semester
Prerequisite: None

Alien beings, futuristic visions, interplanetary voyages, artificial intelligence - these are the staples of science fiction. Explore these and other topics through reading, discussion, writing and creative projects. Literature selections range from classics by authors such as Asimov, Bradbury, Clarke and Heinlein to contemporary authors. Students will also view some noted science fiction films, beginning with 1956 picture *Forbidden Planet* and including perhaps *The Time Machine*, *It Came From Outer Space* and *Planet of the Apes*. Class requirements include written responses to the literature, critical reviews of films and stories, and frequent discussion of science fiction concepts. In addition, students will have the opportunity to express their creativity through artwork, filmmaking and creative writing. Projects may include a News Report of the Future, Time Travel Story, and Robot Advertisement.



SHAKE-

MWF Semes-
10, 11, 12

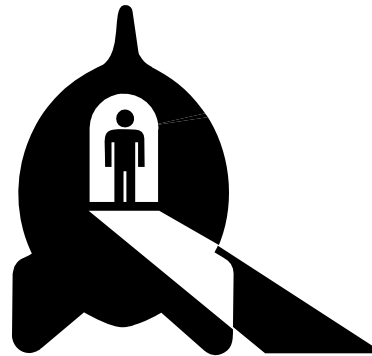
SPEARE-S1

ter 1

SHAKESPEARE-S2

MWF Semester 2 10, 11, 12
Credit: 3 hours per semester
Prerequisite: None

This course offers the student an opportunity to study several types of Shakespearean plays besides the usual tragedy genre that is typically offered in other Language Arts classes. Students in Shakespeare 1 typically read *Othello*, *Richard III*, *Much Ado About Nothing* and *Taming of the Shrew*—a tragedy, history and two comedies, respectively. Selections may vary somewhat. The discussions of these plays focus on Shakespeare’s language, characters, dramatic techniques, themes, and other ideas that help the student to understand his art. The class activities include viewing and analyzing various film productions, performing scenes in small groups, and rewriting various scenes in order to understand and clarify various aspects of the plays. In addition, students may be required to read and analyze a play of their choice as independent study. The goal for this class is that the student leaves with an understanding of Shakespeare’s drama and an appreciation of his ability to capture human nature in all its varied forms. Students may begin their study with either Shakespeare 1 or Shakespeare 2; both courses pursue similar activities, but with a different set of plays. Typically, students in Shakespeare 2 will read *The Merchant of Venice*, *Twelfth Night*, *Henry V*, and *The Tempest* -- a tragic comedy, comedy, history, romance, respectively.



READING

READING WORKSHOP

MWF Semester 1, 2 9, 10
Credit: 3 hours per semester
Prerequisite: Reading Coordinator approval only

This is a reading course designed for those students reading significantly below grade level. Through modeling and practice with a variety of texts, students will have the opportunity to learn about and use strategies that successful readers employ. Skills addressed will include various comprehension strategies, note taking, making inferences, summarizing, critical thinking, and test preparation. Students will also develop vocabulary and spelling skills through word analysis.

READING STRATEGIES

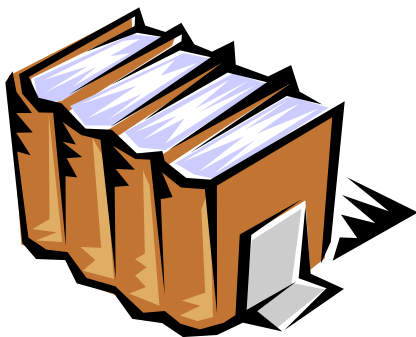
TR Semester 1, 2 9, 10, 11
Credit: 2 hours per semester
Prerequisite: English teacher recommendation only

Students who have little or no difficulty in reading grade level materials may improve reading by utilizing strategies employed by successful readers. Refining critical thinking skills, and improving comprehension and study skills are the focal points of the course.

COLLEGE PREP READING

MWF Semester 1, 2 11, 12
Credit: 3 hours
Prerequisite: English teacher recommendation

College Prep Reading is designed for college-bound 11-12 grade students. The course will provide students with an opportunity to develop the advanced reading skills necessary to achieve success in college. Course objectives emphasize reading strategies for comprehending and retaining larger amounts of material, critical analysis, discussion and presentation skills.



SPEECH

INTERPERSONAL COMMUNICATION

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

Have you ever tried not to communicate? It's impossible! Because communication, primarily through speech is so vital to everyone, this course is designed to help you understand the process as it affects your daily life. Units of study include defining communication, listening, verbal and nonverbal languages, intrapersonal and interpersonal communication, gender communication, and trust. The emphasis will be on participation in classroom activities, both as an individual and in small groups. Assignments will involve journals and projects. If you have never tried a speech course, this is the one for you!



PUBLIC SPEAKING

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This is your chance to speak out! You'll learn how to speak for any occasion and for various purposes including informative, extemporaneous, persuasive and entertaining. Participating in class activities, presenting speeches in front of the class, and active listening are emphasized. You'll also be challenged to speak in competitive situations. Enrollment is limited to 24 students.

STRUCTURED POLITICAL ARGUMENTATION: POLICIES (SPAR 1)

TR Semester 1 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This course teaches the skills of argumentation used in traditional two-person policy debate. Students focus on the current national debate topic and learn how to convince others by researching the facts, organizing information, presenting logical arguments, listening critically and speaking persuasively. Debaters argue both sides of the topic. Students will be prepared for and be challenged to debate in competitive situations.

STRUCTURED POLITICAL ARGUMENTATION: VALUES-(SPAR 2)

TR Semester 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This course teaches the skills of argumentation used in philosophical debates modeled after the historic Lincoln-Douglas debates. Focusing on current national value debate topics, students will argue both sides of the topic using philosophical theories and concepts. Students not only learn researching and organizational skills, but also persuasive speaking and critical listening. All debates will be one on one. Students will be prepared for and be challenged to debate in competitive situations.

COMPETITIVE SPEECH I, II, III, and IV

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 per semester

This course is for members of the AHS Competitive Speech Team, and for those who wish to join. It is intended as a vehicle to improve public speaking and theatrical interpretation for those students who wish to engage in these activities in a public, interscholastic forum. The format of the course includes instruction, preparation, practice, performance, critiques, and formal competition.

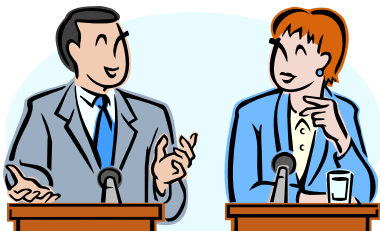
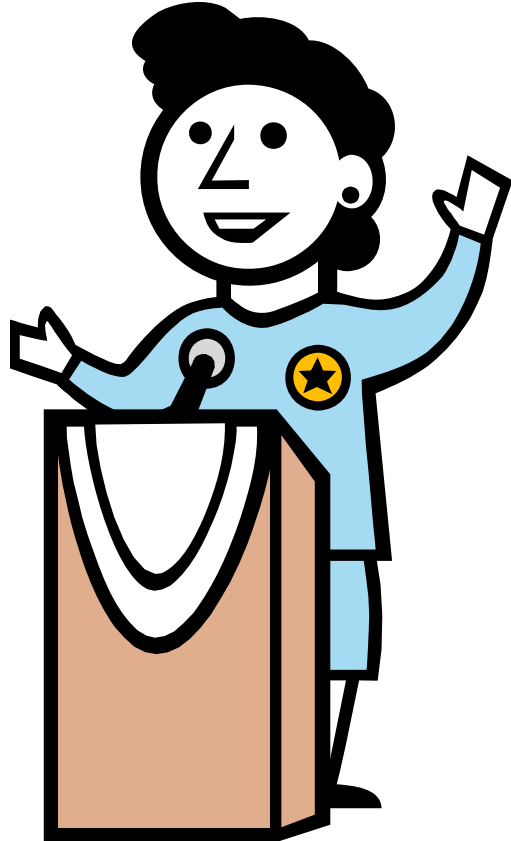
The specific course of study depends on the event, or events, in which the student chooses to participate. Each student will pursue his or her own goals, activities, and competitive plan with the approval of the instructors. Participation in Saturday speech and debate meets is an essential component of the course, and students will have the opportunity to compete for league, state, and national championships. Students enrolled in the course are required to attend A MINIMUM of 3 Saturday tournaments. Past membership on the competitive team is recommended.

COMPETITIVE DEBATE I, II, III, and IV

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 per semester
Prerequisite: Those students wanting to take Competitive Debate for a second time must have an instructors signature. Only serious debaters should take the class more than once.

This course is for members of the AHS Competitive Debate Team, and for those who wish to join. It is intended as a vehicle to improve public speaking and debate skills for those students who wish to engage in these activities in a public, interscholastic forum. The format of the course includes instruction, preparation, practice, performance, critiques, and formal competition.

The specific course of study depends on the debate format (Policy, Lincoln-Douglas, Public Forum) in which the student chooses to participate. Each student will pursue his or her own goals, activities, and competitive plan with the approval of the instructors. Participation in Saturday speech and debate meets is an essential component of the course, and students will have the opportunity to compete for league, state, and national championships. Students enrolled in the course are required to attend A MINIMUM of 3 Saturday tournaments. Past membership on the competitive team is recommended.



JOURNALISM

These courses earn Language Arts Credit

JOURNALISTIC WRITING I-S1

TR Semester 1 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

JOURNALISTIC WRITING I-S2

TR Semester 2 9,10,11,12
Credit: 2 hours per semester
Prerequisite: None

Journalistic Writing is geared to the highly motivated student who desires a background in journalistic technique. This course covers essential ingredients of newspaper writing: news, feature, column, critical review and editorial. In addition, techniques of observation, interviewing, reporting, proofreading, editing and page design are covered. This course will prepare students who wish to write for the school newspaper or yearbook.

NEWSPAPER JOURNALISM I-S1

MTWRF Semester 1 9,10,11,12
Credit: 5 hours per semester
Prerequisite: **Journalistic Writing recommended. Instructor permission and staff application required.**
Fee: \$15.00

NEWSPAPER JOURNALISM II-S2

MTWRF Semester 2 9,10,11,12
Credit: 5 hours per semester.
Prerequisite: Newspaper Journalism I or permission of instructor
Fee: \$15.00 (if not paid first semester)

This advanced course covers the ingredients of news, feature, critical review and editorial writing. In addition, emphasis is placed on information gathering, editing and proofreading. Student work will be published in the student newspaper and on the school website. Students with a photography background are also accepted but will be expected to write.

YEARBOOK JOURNALISM I-S1

MTWRF Semester 1 9, 10,11,12
Credit: 5 hours per semester
Prerequisite: **Instructor permission and staff application required.**
Fee: \$15.00

YEARBOOK JOURNALISM-II-S2

MTWRF Semester 2 9,10,11,12
Credit: 5 hours per semester
Prerequisite: Yearbook Journalism I
Fee: \$15 (if not paid first semester)

This advanced course covers news and feature writing. In addition, emphasis is placed on information gathering, editing and proofreading. Student work is published in the student yearbook. Students with a photography background are also accepted but will be expected to write.

VIDEO PRODUCTION I-S1

MWF Semester 1 9,10,11,12
Credit: 3 hours per semester
Prerequisite: None

VIDEO PRODUCTION II-S2

MWF Semester 2 9,10,11,12
Credit: 3 hours per semester
Prerequisite: Video Production I and permission of instructor

Students will learn basic techniques of the creative as well as the technical aspects of video production and presentation. They will create the AHS DVD yearbook by shooting and editing some segments and working with a professional on other segments. Digital processes are used in both shooting and editing.



Southglenn: new palace in the making



Freshmen introduced to Arapahoe with help of Link



MATHEMATICS DEPARTMENT

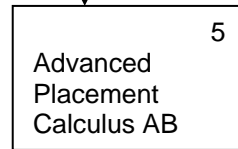
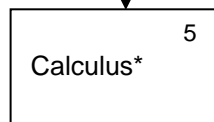
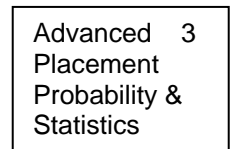
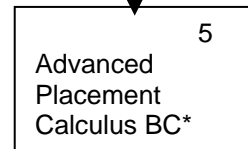
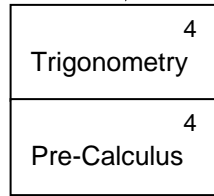
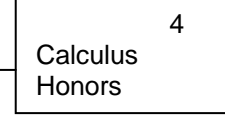
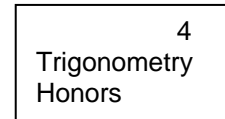
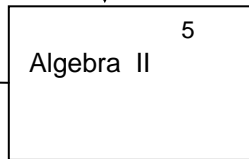
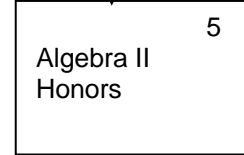
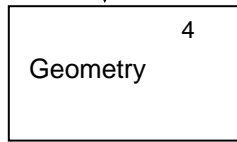
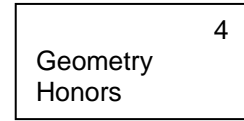
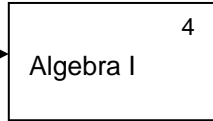
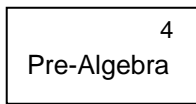
Students who take Algebra in the eighth grade and get a C, may retake Algebra or take Geometry. Only students with an A or B will be permitted to take Honors Geometry.



Needs Remediation

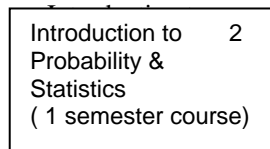
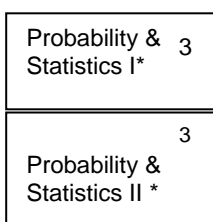
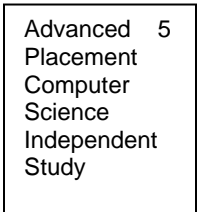
Most Entering Freshmen

Must Audit



Recommend a grade of 'C' or better to continue in math at all levels

ELECTIVES



*Part of the CU Succeed Program

Must maintain a grade of 'A' or 'B' and have a teacher recommendation to remain in the HONORS program

PRECALCULUS

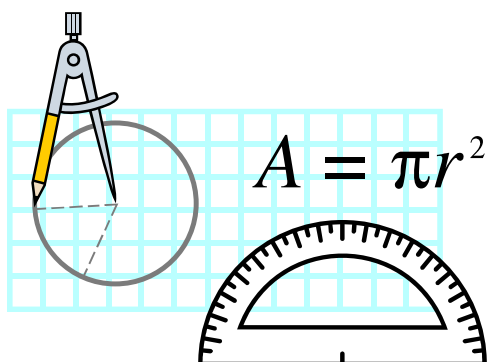
MTWF Semester 2 11, 12
or Credit: 4 hours per semester
MWRP Prerequisite: Recommend a 'C' or better in Trigonometry

Students will sharpen their algebra skills in preparation for Calculus. This course examines such concepts as limits, continuity, and the derivative.

CALCULUS

MTWRF Semester 1, 2 12
Credit: 5 hours per semester
(CU Succeed credit option available)
Prerequisite: 'A' or 'B' in Precalculus or Calculus (Honors) with teacher recommendation

This non-AP course covers topics found in the equivalent of a first semester college calculus class. Topics include limits, continuity, derivatives and their applications and integrals and their applications. The graphing calculator is used as a tool. Students may register for four semester hours of calculus credit through the University of Colorado at Denver.



ELECTIVES

PROBABILITY & STATISTICS I

MWF Semester 1 12
Credit: 3 hours per semester
Prerequisite: Recommend a 'C' or better in Algebra II (may be taken concurrently for seniors only)

Chance, data analysis, predictions and other topics that involve collecting data and making conclusions are the focus of this course. Use of statistical calculators and computers is essential.

PROBABILITY & STATISTICS II

MWF Semester 2 12
Credit: 3 hours per semester
(CU Succeed credit available)
Prerequisite: Recommend a 'C' or better in Probability & Statistics I

Topics such as the normal distribution and linear regression are applied to student research projects. Use of statistical calculators and computers is essential.

INTRODUCTION TO PROBABILITY & STATISTICS

TR Semester 1 or 2 10, 11, 12
Credit: 2 hours
Prerequisite: Algebra I

This course covers elementary topics in descriptive statistics involving mean, median, mode, quartiles, and deviations. Graphs include box whiskers, pie charts, histograms, stem-leaf plots and scatter plots. Students will describe distributions and learn about the normal distribution properties. Elementary probability rules will be explored through games and simulations. Compound probabilities and the rule of complements will be discussed. A project will be done in class involving collecting data, organizing the data and reaching a conclusion. All students will be expected to have a graphing calculator to assist in the computations. Technology will also be used in making graphs and completing the project.

HONORS COURSES

SPECIAL NOTE FOR ALL HONORS COURSES - Students enter the Honors track based on records, test scores, and teacher recommendations from Middle School and an 'A' or 'B' in Algebra in the eighth grade. To continue in the Honors track students must maintain an 'A' or 'B' and demonstrate high standards of performance, good study habits and maturity. Students who are not in the appropriate grade level for each Honors course may apply to be considered for the Honors track with department and teacher approval. Students who have completed a year of Algebra in the middle school with a grade of C or better may register for Geometry. Students with a C in 8th grade Algebra may also choose to repeat Algebra in the 9th grade.

GEOMETRY (HONORS)

MTWF Semester 1 9, 10
or
MWRP

MTWF Semester 2 9, 10
or Credit: 4 hours per semester
MWRP Prerequisite: 'A' or 'B' in 8th grade algebra

Same as GEOMETRY with a more formalized approach to the subject. Formulas are derived and more deductive proofs are performed. Students who are in the Honors track are preparing to take Calculus their senior year.

ALGEBRA II (HONORS II)

MTWRF Semester 1, 2 10
Credit: 5 hours per semester
Prerequisite: "A" or "B" in Geometry (Honors)
OR approved application from an 'A' student in GEOMETRY-S1 & S2

This course covers the same content as Advanced Algebra with the addition of derivations of formulas, and applications to real life. Students who are in the Honors track are preparing to take Calculus their senior year.

TRIGONOMETRY (HONORS)

MTWF Semester 1 11
or Credit: 4 hours per semester
MWRF Prerequisite: "A" or "B" in Advanced Algebra (Honors) I & II OR approved application from an 'A' student from Advanced Algebra I & II

This course covers the same content as Trigonometry with the addition of polar graphing and solving polar equations.

CALCULUS (HONORS)

MTWF Semester 2 11
or Credit: 4 hours per semester
MWRF Prerequisite: 'A' or 'B' in Trigonometry (Honors)

This course begins the AP Calculus BC curriculum as established by the College Board. Topics include limits, continuity, and derivatives. A graphing calculator is required.

ADVANCED PLACEMENT COURSES

SPECIAL NOTE FOR ALL ADVANCED PLACEMENT COURSES - The curriculum for all Advanced Placement courses is defined by the College Entrance Examination Board. Participating colleges grant credit and/or appropriate placement to those students who do well on the Advanced Placement exams given in May. Students who have been in the Honors track are most successful in AP courses.

ADVANCED PLACEMENT CALCULUS (BC)

MTWRF Semester 1 & 2 11, 12
Credit: 5 hours per semester
(CU Succeed credit option available)
Prerequisite: 'A' or 'B' in Calculus (Honors) with selection based upon application/teacher recommendation

The A.P. curriculum is established by the College Board. The curriculum defined for this course includes differential calculus, integral calculus, and sequences and series. Students must use a graphing calculator on the AP exam and are expected to take the A.P. exam in May.

ADVANCED PLACEMENT CALCULUS (AB)

MTWRF Semester 1 & 2 11, 12
Credit: 5 hours per semester
Prerequisite: "C" or better in Calculus (Honors) or "A" in Precalculus with selection based upon teacher recommendation

The College Board establishes the A.P. curriculum. The curriculum defined for this course is the equivalent of about two-thirds of a yearlong college-level calculus class. The curriculum includes differential calculus and integral calculus. Students must use a graphing calculator on the A.P. exam and are expected to take the A.P. exam in May.

ADVANCED PLACEMENT STATISTICS - S1,S2

MWF Semester 1 & 2 11, 12
Credit: 3 hours per semester
Prerequisite: Selection is based upon application. "A" in Algebra II or "B" or better in Honors Algebra II is recommended.

A.P. Statistics I, II comprises a one-semester course at the university level. Topics will include methods of data collection, planning and conducting surveys, probability, simulation, statistical inference, confidence intervals, and tests of significance. No previous probability and statistics courses are required. (TI-83 or TI-84 calculator required.)

COLLEGE CREDIT

College credit is available for certain Arapahoe High School mathematics courses from the University of Colorado at Denver through the CU Succeed Program. The number of semester hours obtained and the tuition varies depending upon the course. The credit earned appears on both the high school transcript and on the college transcript. Students should be aware that the UCD transcript is permanent and official. However, there is no guarantee that the credit will transfer to the student's college of choice.

At this time the following math courses participate in the CU Succeed Program (also noted in course description above.)

- Probability and Statistics
- Calculus
- AP Calculus BC



PERFORMING ARTS DEPARTMENT

DRAMA

DRAMA: HISTORY/LITERATURE I

TR Semester 1 9, 10, 11, 12
Credit: 2 or 3 hours per semester
Prerequisite: None

A one semester course exploring early classical Theatre literature beginning with Sophocles. Students may enroll for either Fine Arts or Language Arts credit. This course is not offered every semester.

DRAMA: HISTORY/LITERATURE II

TR Semester 2 9, 10, 11, 12
Credit: 2 or 3 hours per semester
Prerequisite: Drama: History/Literature I

A one semester course exploring modern Theatre literature beginning with melodrama through current playwrights. Student may enroll for either Fine Arts or Language Arts credit. This course is not offered every semester.

INTRODUCTION TO DRAMA

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This semester course is designed to explore, study, analyze, and practice basic aspects of drama/Theatre. It is a valuable experience for both the actor and non-actor. This course is the prerequisite for Acting Study.

ACTING STUDY

MWF Semester 1, 2 9, 10, 11, 12
Credit: 3 hours per semester
Prerequisite: Introduction to Drama

Communication skills and theatre arts are the focus of this course. Pantomime, sensory perception, improvisation, and character study provide a way for you to learn appreciation for the art of acting, as well as something about yourself. You will study voice improvement, character analysis and improve your speaking skills by performing a variety of scenes and assignments. This course is designed to present and practice acting skills, and may be repeated for credit.

STAGECRAFT

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 or 3 hours per semester
Prerequisite: None

Building, lighting, scenic design, and painting are just a few of the areas of emphasis. This course is not offered every semester.

TECHNICAL DESIGN/PORTFOLIO

MWF Semester 1, 2 10, 11, 12
Credit: 3 hours per semester
Prerequisite: Teacher recommendation, and/or Stagecraft

This semester course revolves around design projects that are prepared for portfolio. Emphasis is on showing a portfolio for acceptance in post-secondary study and career development and/or co-curricular design assignments. This course is not offered every semester.

THEATRE MOVEMENT LEVEL I

TR Semester 1 or 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: Teacher approval

This class will introduce elements of dance and explore movement concepts and skills as they relate to communication and dramatic characterization. No prior dance training or experience is required.

THEATRE MOVEMENT LEVEL II

TR Semester 1 or 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: Theatre Movement Level I and teacher permission

Continuation of perfecting skills learned in Theatre Movement Level I. It will focus on techniques used in choreography for dance auditions and musical theatre performances. This course is not offered every semester.

COMPANY

MWF Semester 1, 2 11, 12
Credit: 3 hours per semester
Prerequisite: Instructor approval and audition or portfolio showing

This annual two-semester course creates Theatre for complete production(s). On stage and technical support skills are given practical application. Student's must be enrolled in another Theatre/performing arts department class.

THEATRE TOPICS

MWF Semester 1, 2 9, 10, 11, 12
or Credit: 2 or 3 hours per semester
TR Prerequisite: Introduction to Drama and/or teacher recommendation

This semester course offers study of an advanced topic determined by teacher evaluation and the needs of interested students. This course is not offered every semester.

INSTRUMENTAL MUSIC

CONCERT BAND

Woodwinds

MTWF Semester 1, 2 9, 10, 11, 12

Brass/Percussion

MWRF Semester 1, 2 9, 10, 11, 12
Credit: 4 hours per semester
Prerequisite: Experience on instrument or middle school band

Fee: \$125.00

This group is composed of intermediate level wind and percussion instrumentalists who have experience on a band instrument, or played in Middle School Band. Students will review and continue to learn fundamentals associated with their instruments. Attendance at performances and rehearsals outside the school day is required of all Concert Band students. Band students are expected to make a full-year commitment to all band classes.

SYMPHONIC BAND

Woodwinds

MTWF Semester 1, 2 9, 10, 11, 12

Brass/Percussion

MWRF Semester 1, 2 9, 10, 11, 12

Credit: 4 hours per semester

Prerequisite: Instructor approval

Fee: \$125.00

This group is composed of advanced intermediate level wind and percussion instrumentalists who successfully audition to be in this performing ensemble. The curriculum includes literature of all areas and ages of Wind Band Music. Attendance at performances and rehearsals outside the school day is required of all Symphonic Band students. Band students are expected to make a full-year commitment to all band classes.

WIND ENSEMBLE

Woodwinds

MTWF Semester 1, 2 9, 10, 11, 12

Brass/Percussion

MWRF Semester 1, 2 9, 10, 11, 12

Credit: 4 hours per semester

Prerequisite: Instructor approval

Fee: \$125.00

This group is composed of advanced level instrumentalists who successfully audition to be in this top-performing ensemble. The curriculum includes literature of all areas and ages of Wind Band Music. Attendance at performances and rehearsals outside the school day is required of all Wind Ensemble students. Band students are expected to make a full-year commitment to all band classes.

JAZZ BAND I

TR Semester 1, 2 9, 10, 11, 12

Credit: 2 hours per semester

Prerequisite: Instructor approval

Fee: \$125.00

This is the Advanced Jazz Band. Members of Jazz I will develop fundamentals and perform music played by the big bands of the United States. Outside performances and rehearsals are a requirement of this course. Two one-hour, after school sectionals are scheduled each week throughout the year. Instructor approval is required and students should have some prior jazz experience. Students must also be a member of Concert Band, Symphonic Band, or Wind Ensemble. Piano, bass, and guitar players do not have to be a member of another band. Jazz band students are expected to make a full year commitment.

JAZZ BAND II

TR Semester 1, 2 9, 10, 11, 12

Credit: 2 hours per semester

Prerequisite: Instructor approval

Fee: \$125.00

This is the Beginning/Intermediate Jazz Band. Jazz II students will learn chord structures, basic rhythms, and various styles in developing and playing big band music. Outside performances and rehearsals are a requirement of this course. Students must also be a member of Concert Band, Symphonic Band, or Wind Ensemble. Piano, bass, and guitar players do not have to be a member of another band. Two one-hour, after school sectionals are scheduled each week throughout the year. Jazz band students are expected to make a full year commitment.



ORCHESTRA

Violin/Viola

MTWF Semester 1, 2 9, 10, 11, 12

Cello/Bass

MWRF Semester 1, 2 9, 10, 11, 12

Credit: 4 hours per semester

Prerequisite: Experience on a string instrument

This class is limited to string instruments. At some concerts, the wind and percussion instruments will be included with the strings to develop a Symphonic Orchestra. A study of the fundamentals involved in playing stringed instruments, as well as study of music from all periods and styles will take place in this course. The student is expected to prepare work outside of class. Attendance at all sectionals, rehearsals and performances is required. **Uniform cost is the student's responsibility.**

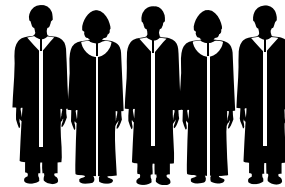
MUSICAL INSTRUMENT STUDY

MW Semester 1, 2 9, 10, 11, 12

Credit: 2 hours per semester

prerequisite: None

This course is designed for students interested in learning a beginning instrument, or who are beyond the beginning level of an instrument, and would like to progress into the intermediate and advanced levels. The class is individualized to meet the varying needs of all instrumentalists. Students are responsible for renting or owning their instruments. This course is not offered every semester.



VOCAL MUSIC

CONCERT CHOIR

Tenor/Bass

MTWF Semester 1, 2 9, 10, 11, 12

Soprano/Alto

MWRF Semester 1, 2 9, 10, 11, 12

Credit: 4 hours per semester

Prerequisite: Instructor approval and audition

This is a performance-oriented class of selected students that study and perform a variety of mixed-voice literature from all periods and styles. Emphasis is placed on breath control, extending vocal range and flexibility, diction phrasing and sensitivity to the vocal line and text. The singer is expected to prepare work outside of class. Attendance at all sectionals, dress rehearsals, and performances is required. **Uniform cost is the student's responsibility. Students are expected to make a full-year commitment to this class.**

CHORALETTES

MWF Semester 1,2 9, 10, 11, 12

Credit: 3 hours per semester

Prerequisite: Instructor approval and audition

This is a performance-oriented class of selected freshmen, sophomore, junior and senior women that study and perform a variety of show and pop literature. There are a number of outside public performances during the year. The singer is expected to prepare work outside of class. Attendance at all sectionals, dress rehearsals, and performances is required. **Uniform cost is the student's responsibility. Students are expected to make a full-year commitment to this class.**

WOMEN'S CHOIR

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This choir class performs once each semester and is designed for the development of skills in vocal techniques, ear-training, and musical sensitivity. A variety of literature is studied in this course. Attendance at all dress rehearsals and performances is required.

ARAPAHOE SINGERS

MWF Semester 1, 2 10, 11, 12
Credit: 3 hours per semester
Prerequisite: Instructor approval and audition

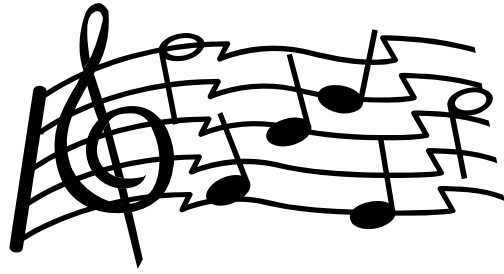
This select group of singers performs a variety of literature for mixed voices. Preparation of work outside of class is a **must** due to the large number of outside public performances during the year.

Attendance at all rehearsals and performances is required. **Students must also be a member of Concert Choir or Choralettes. Uniform cost is the student's responsibility. Students are expected to make a full-year commitment to this class.**

MEN'S CHOIR

TR Semester 1,2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This choir will perform a variety of literature for male voices, and will perform at least once per semester. Emphasis is placed on vocal technique, ear-training and musical sensitivity. Attendance at all dress rehearsals and performance is required.



ELECTIVES

A. P. MUSIC THEORY

MW Semester 1, 2 9, 10, 11, 12
Credit: 3 hours per semester
Prerequisite: Instructor approval

This advanced placement course is designed for the serious music student who is **advanced in performance-oriented classes and/or private study**. Rhythmic, melodic, and harmonic structures of 18th century music are studied in detail. Composition, arranging, sight singing and ear training are also included in this course. This course is offered every other year. Please check your registration materials to see if it is currently offered.



PHYSICAL EDUCATION DEPARTMENT

Each student is required to complete a minimum of twelve (12) semester hours prior to graduation. This shall include a 2-hour semester course in **Personal Survival, which will be assigned by alphabet** during the junior year. Students must also take a 2 or 3-hour semester course in **Aquatics** unless they can demonstrate proficiency by taking the Littleton Public School's swimming waiver test. Students must take the waiver test prior to the 2nd semester of their senior year. The test is offered each November and March. The remaining 7 or 8 semester hours of credit may include courses of individual and/or team sport activity and physical fitness electives.

SPECIAL NOTE: All students are required to wear appropriate clothing to class each day for active participation. Any student failing to abide by this requirement will not receive a grade for that day. This expectation is in the best interest of the student's hygiene and safety.

1. **Jewelry** (bracelets of cloth/metal, necklaces, watches, earrings and rings) **MUST NOT** be worn to any aquatics class. Certain types of jewelry are permitted in some activity classes. Policies pertaining to individual classes will be covered in class orientations.
2. Suggested Clothing:
 - a. Shirt — pullover t-shirt (any color) — no offensive slogans or pictures.
 - b. Shorts — athletic type (any color) - to be worn above the knee no cutoffs or blue jean material.
 - c. Warm-ups — sweat shirts, windbreakers, and jogging suits are acceptable for cold days.
 - d. White and/or gray athletic socks (to protect feet from blisters and infections).
 - e. Gym shoes — any type of canvas, leather, tennis, or aerobic shoes that will not mark the gym floor with shoelaces TIED.
 - f. Swim suits — appropriate for various water activities.
 - g. TORN clothing will **NOT** be allowed.
3. Gymnasium lockers are provided in the locker rooms for the proper storage of personal items and clothing. Students are responsible for **LOCKING UP** their own lockers for security purposes.
4. At the end of the period, students must remain in the gym hall way until the bell rings.

ATTENDANCE AND PARTICIPATION:

Students earn points for each class if they suit up properly and actively participate. Each missed class due to an excused absence must be made up during a student's off-hour. When a missed class is made up the student will receive the points they missed for that class.

In order for a student to make up a missed class, it must be excused. If it is an absence it must be excused through the Attendance Office. If it is a "no-suit", the student must bring a note from the parent or guardian stating the reason and that they are to be excused for that particular class. Failure to bring the note within one week will result in an unexcused "no-suit" which cannot be made up. All missing points must be made up within 10 school days. If the missed class occurs during the last week in a grading period, the student will be given a one-week extension to make up points.

Students will lose points for each time they are late for class. If a student wears a hat to class (which is against school policy) they will lose points.

THE ARAPAHOE STAFF IS NOT RESPONSIBLE FOR THE SECURITY OF JEWELRY, MONEY, VALUABLES OR ONE'S PERSONAL CLOTHING !!

PERSONAL SURVIVAL (Health) & WELLNESS

TR	Semester 1, 2	11
	Credit:	2 hours per semester
	Prerequisite:	None

This health class is required of all students for graduation. Emphasis is placed on making responsible decisions and developing a positive attitude toward personal health. The course includes units in First Aid/CPR, Fitness, Nutrition, Cancer, Substance Abuse, Relationships and Sexuality. Guest speakers throughout the semester provide up-to-date professional information in some areas.

Arrangements can be made to modify curriculum areas that are controversial to the student or parent. This is a School, District and State graduation requirement and arrangements should be made in advance of the particular unit in writing to the teacher. **The entire course cannot be waived.** Single gender classes are offered for this course and swimming.

AQUATIC CLASSES

* American Red Cross Swimming Instruction is given by all of our swimming staff - who each maintain Water Safety Instructor certificates.

SWIMMING

MWF	Semester 1, 2	9, 10, 11, 12
or	Credit:	2 or 3 hours per semester
TR	Prerequisite:	None

This course is designed to provide instruction in all of the basic strokes. The students will learn the front and back crawl, elementary backstroke, breaststroke, and sidestroke. Correct breathing, arm action, and kicking techniques will be emphasized. Basic water safety skills will be presented. Fitness levels will be enhanced as endurance swims will be progressively implemented. Recreational aquatic games, such as water polo, will be introduced.

NOTE: A student may take this class once per semester, continuing for **3 semesters only**, to improve one's physical fitness. A performance record will be kept on each student in each class.

WATER AEROBICS

MWF	Semester 1, 2	9, 10, 11, 12
or	Credit:	2 or 3 hours per semester
TR	Prerequisite:	None

This course will help develop physical fitness through water activities. Activities will include water aerobics, aerobics, circuit training, timed swims. Cardiovascular and muscular endurance will be emphasized. An introduction and orientation to swimming and water safety skills will take place. The student will learn the front and back crawl stroke, and the elementary backstroke, emphasizing correct breathing, arm action and kicking. Survival stroke floating, and treading water will be taught.

BEGINNING DIVING

MWF	Semester 1, 2	9, 10, 11, 12
or	Credit:	2 or 3 hours per semester
TR	Prerequisite:	Basic Swimming Skills, the ability to swim at least 10 lengths continuously and comfortably.

This course will emphasize fundamental skills needed to master diving up through the 1-meter springboard. Stress will be put on the mechanics and maneuvers of dives. It provides an opportunity to cultivate a supple and graceful body through skilled movements. Basic swimming skills and endurance will also be taught in the course.

NOTE: A student may take this class once per semester, continuing for **3 semesters only**, to improve one's physical fitness. A performance record will be kept on each student in each class.

LIFEGUARD TRAINING/ FIRST AID/ CARDIOPULMONARY RESUSCITATION (CPR)

MWF	Semester 1, 2	9, 10, 11, 12
or	Credit:	2 or 3 hours per semester
TR	Prerequisite:	Advanced Swimming Skills

The ability to swim at least 20 lengths of the pool continuously, along with the proper stroke technique—front and back crawl, elementary back stroke, side stroke, and breast stroke. Students must also be able to surface dive to a depth of 10 feet and recover a ten pound brick, tread water for 10 minutes. **Age - 15 years old by start of class.**

This course will emphasize the development of Life-Saving skills and First Aid skills. Students will be taught the skills and factual knowledge needed to save their own lives and the life of another in the event of emergency, along with the professional guarding techniques. Upon completion, the student will be qualified for the American Red Cross First Aid, CPR/PR, and Lifeguard Training Certificates.

NOTE: This course also requires extensive reading and homework. A course fee will be collected to cover books and Red Cross fees.

SCUBA DIVING

TR	Semester 1, 2	9, 10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	Basic Swimming Skills—the ability to swim at least 10 lengths continuously and comfortably.

This course in scuba diving is designed for anyone interested in "exploring the underwater world." The beginning skin diving course will develop the water techniques and safety skills of the mask, snorkel and fins. The scuba PADI Open Water course provides a full entry level certification earned by successfully completing all knowledge reviews, quizzes, and confined water skills. The class prepares you for Open Water certification at a local dive site. A study of the mechanics, equipment and physics of diving will be covered.

NOTE:

- A current physician's examination is required!!!**
- A fee of approximately **\$125** will be charged to each student to cover the cost of air, regulators and tank rentals. Fees are payable to Arapahoe High School during the first week of the semester.
- It is requested that students **furnish their own** fins, mask, and snorkel after the 4th week of class.
- Students will need to complete an "Open Water" certification dive to obtain complete PADI certification. A trip will be made available to a local dive site. There is an additional cost for this certification.

ACTIVITY CLASSES

AEROBIC/FITNESS

MWF	Semester 1, 2	9, 10, 11, 12
or	Credit:	2 or 3 hours per semester
TR	Prerequisite:	None

This course is highly recommended for anyone desiring to improve physical fitness, increase flexibility, tone muscles, strengthen the heart, improve coordination, and to release tension. **Aerobic type exercises are fun.** Daily sessions of rhythmic aerobic exercises will be performed to for cardio-vascular conditioning. Other aerobic activities such as jumping rope and jogging may be included. Yoga, pilates and other fitness activities will be introduced.

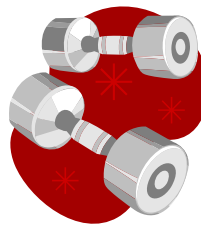
NOTE: A student may take this class once per semester, continuing for **3 semesters only**, to improve one's physical fitness. A performance record will be kept on each student in each class.

AEROBICS/WEIGHT TRAINING

MWF	Semester 1, 2	9, 10, 11, 12
	Credit:	3 hours per semester
	Prerequisite:	None

This beginning course is highly recommended for anyone desiring to improve physical fitness, flexibility, muscle tone, strength, body reappportionment, endurance and relaxation. The class will include daily sessions of rhythmic aerobic exercises to music for cardio-vascular conditioning. It strengthens the heart and lungs, increases muscle endurance, aids balance and develops body flexibility. The class will also include the mechanics and techniques of weight training to improve muscle tone, strength, and overall body condition and performance.

NOTE: A student may take this class once per semester, continuing for **3 semesters only**, to improve one's physical fitness. A performance record will be kept on each student in each class.



PENDING BOARD APPROVAL IN SPRING 2007 ADVENTURE EDUCATION

TR	Semester 2	9, 10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	None

This course will allow students to participate in individual and group adventure activities and challenges that address a number of topics including, but not limited to: teambuilding, trust communication, cooperation, collaboration, problem solving, leadership and character development. Students will become actively involved in their own learning by goal setting and self-assessments. An approach known as Challenge By Choice is followed whereby participants choose to what extent and to what capacity they will participate in the activities offered. A field trip to an indoor rock climbing facility is part of this course.

BADMINTON AND VOLLEYBALL

MWF	Semester 1, 2	9, 10, 11, 12
or	Credit:	3 hours per semester or 2 hours per semester
TR	Prerequisite: None	

This course is designed to teach the basic skills of **Badminton** to include net play, back court play, strategies of singles and doubles (front-back, side-by-side, diagonal and rotation). The eight (8) basic shots—overhead, underhand, forehand, backhand, hair pin net shot, serve, drive and smash—will be taught along with strategies of drop shots and clear shots. This course will also cover the history, rules and regulations of badminton (1 quarter of the semester). This course is also designed to help develop competent skills and concentrated experiences, to include the study of game strategy, and the playing rules in the team game of **Volleyball**. Refereeing and active participation will be included (1 quarter).



BASKETBALL

TR	Semester 1, 2	9, 10, 11, 12
or	Credit:	2 hours per semester 3 hours per semester
MWF	Prerequisite: None	

The primary emphasis of the **Basketball** course will be on the development of individual skills, fundamentals and techniques. Some team strategy, knowledge of game rules, refereeing and active participation of game play will also be emphasized.

BASKETBALL AND SOFTBALL

MWF	Semester 2	9, 10, 11, 12
or	Credit:	3 hours per semester or 2 hours per semester
TR	Prerequisite: None	

This course will allow students to develop individual skills, fundamentals, techniques, and concentrated experience in the team games of **Basketball (3rd quarter)** and **Softball (4th quarter)**. Team strategy, game rules, and active participation in tournament play will be emphasized in both activities.

BASKETBALL AND WEIGHT TRAINING

MWF	Semester 1	9, 10, 11, 12
or	Credit:	3 hours per semester 2 hours per semester
TR	Prerequisite: None	

This course will stress mechanics and techniques of weight training as they apply to basketball. Individual basketball skills of ball handling, shooting, and dribbling will also be emphasized.

NOTE: A student may take this class once per semester, continuing for **3 semesters only**, to improve one's physical fitness. A performance record will be kept on each student in each class.

FLAG FOOTBALL AND BASKETBALL

MWF	Semester 1	9, 10, 11, 12
or	Credit:	3 hours per semester 2 hours per semester
TR	Prerequisite: None	

This course is designed to give students concentrated experiences in basic skills, techniques of game play, strategy, rules, and active participation in tournament play in **Flag Football** (1st quarter). During the second quarter this course will emphasize the development of competent skills, concentrated experiences, the study of game strategies and the playing rules in various games of **Basketball**. Tournament play will be included at the end of the course.

FOOTBALL/WEIGHT TRAINING

MWF	Semester 1	9, 10, 11
	Credit:	3 hours per semester
	Prerequisite:	Instructor approval/ Weight Training class

This course will stress mechanics and techniques of Weight Training as they apply to football. Techniques, strategy and rules will be emphasized on the game of football. Students will be put in a program that meets their individual goals and needs.

NOTE: A student may take this class once per semester, continuing for **3 semesters only**, to improve one's physical fitness. A performance record will be kept on each student in each class.

GOLF/RECREATIONAL GAMES

MWF	Semester 1	10, 11, 12
	Credit:	3 hours
	Prerequisite:	Instructor approval
	Fee:	\$45.00

This course is designed for the intermediate/advanced golfer. Technique of all iron swing mechanics will be the emphasis. Students must provide their own golf clubs, as well as transportation to and from South Suburban Golf Course. Class will begin at 7:00 am on Wednesday and Friday morning, at South Suburban for the first ten weeks of the semester. The class will practice on the driving range, and on the putting green. Monday's class will meet at AHS at the normal 1st period class schedule. Recreational games will be played on Mondays, and during weeks (11-18) throughout the semester. These games may include basketball, team handball, and floor hockey.

INNOVATIVE FITNESS

MWF	Semester 1, 2	9, 10, 11, 12
or	Credit:	3 hours per semester or 2 hours per semester
TR	Prerequisite: None	

This course is designed as an interactive class to combine general education students with the students with special needs. The class will modify activities to meet the needs of all students. Recreational type games and lifetime sports will be stressed.

NOTE: A student may take this class once per semester, continuing for **3 semesters only**, to improve one's physical fitness. A performance record will be kept on each student in each class.

LACROSSE and RECREATIONAL GAMES

MWF	Semester 1, 2	9, 10, 11, 12
or	Credit:	3 hours per semester or 2 hours per semester
TR	Prerequisite: None	

This course is designed for the beginner to be introduced to the basic skills, drills, game strategies, and rules of lacrosse. Students will develop cradling, passing, catching, checking, and shooting skills, as well as, learning basic offensive and defensive plays. For game play, the CHSAA Girls' Rules and Regulations book will be used for safety reasons, though both, boys' and girls' rules will be taught. A fitted mouth guard is required. Many drills and games will be emphasized to improve individual skills and teamwork. Tournament play will conclude the unit. Recreational games will be played throughout the rest of the semester. These games include, but are not limited to, volleyball, basketball, badminton, floor hockey, and ping-pong.

LIFE FITNESS

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 or 3 hours per semester
Prerequisite: None

This course will contain information about what it means to be physically fit, the values of being fit, how exercise affects the heart, the various methods of achieving fitness, the relationship between diet and fitness, and exercise cautions and fallacies. During the course the student will learn how to evaluate his/her level of fitness. During the semester endurance and recreational type activities, along with some modified weight training using free weights will be included to help the student reach his/her goals established. At the end of the course, the student will be prepared to design his or her own fitness program.

NOTE: A student may take this class once per semester, continuing for **3 semesters only**, to improve one's physical fitness. A performance record will be kept on each student in each class

SOCCKER AND INDOOR FLOOR HOCKEY

TR Semester 1 9, 10, 11, 12
or Credit: 2 hours per semester
MWF 3 hours per semester
Prerequisite: None

1st Quarter - This course is designed to help develop competent skills and concentrated experiences in the team game of **Soccer**. It will include techniques necessary for effective team and individual play, the study of game strategy and playing rules. The course will also include recreational games related to Soccer depending upon weather conditions.

2nd Quarter - Basic skills, drills, game strategies, and gym hockey playing rules (from the National Hockey League) will be taught in the most enjoyable game of **Floor Hockey**. Tournament play will be included in both team play activities.

SOCIAL DANCE

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 semester hours
Prerequisite: None

Students will learn dance steps, style, history and origination of dances from each decade (1920's up until present day). Students will learn about each time period and how the dances reflected what was going on in society during the given time period. They will be able to identify the names of various steps and perform the choreography of the dances. Students will be graded on knowledge of steps, rhythm accuracy, and style. Dance skills tests and written tests will be used to assess student achievement.

SPORTS MEDICINE

TR Semester 1 or 2 10, 11, 12
Credit: 3 semester hours
Prerequisite: Instructor Approval
Fee: \$10

This course will provide the student with information and practical experience in the field of Sports Medicine. Areas of study will be first aid, injury prevention, treatment, rehabilitation of injured athletes, career opportunities, training room facilities, and budgeting. This class will be aimed at students who have an interest in athletic training, coaching, or other medical fields. Outside hours in the Training Room after school are required. The student will also assist the School Trainer at three home events or games. A fee of \$10.00 will be charged to each student to help cover cost of tape and other supplies used during the course. Fees are due during the first week of the semester.

STRENGTH AND CONDITIONING

TR Semester 2 9, 10, 11, 12
or Credit: 2 hours per semester
MWF 3 hours per semester
Prerequisite: None

This course is designed for those students who want to develop cardiovascular endurance as well as muscle strength and endurance. The course is designed to strengthen the major muscle groups and develop good all round cardiovascular fitness. The core lifts in the weight room will consist of the bench press, incline press, hang clean, and the back squat. The class will also incorporate plyometric, agility, and speed training. This program is designed to increase performance for athletes or is a good program for anyone that wants to gain strength and stay in good cardiovascular shape.

NOTE: A student may take this class once per semester, continuing for **3 semesters only**, to improve one's physical fitness. A performance record will be kept on each student in each class

TENNIS AND RECREATIONAL TYPE GAMES

MWF Semester 1, 2 9, 10, 11, 12
or Credit: 3 hours per semester or
TR 2 hours per semester
Prerequisite: None

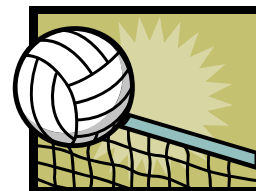
This course will introduce the basic skills and basic rules of playing tennis. It will also include simple strategies, playing courtesies, safety considerations and basic terminology associated with the game. Also various recreational tennis type games such as floor tennis, paddle tennis and table tennis will be taught.

VOLLEYBALL AND BASKETBALL

MWF Semester 1 9, 10, 11, 12
or Credit: 3 hours per semester or
TR 2 hours per semester
Prerequisite: None

Volleyball - This course will allow students to develop competent skills in power volleyball. Included will be team strategy, game rules, refereeing and active participation. Tournament play will also be emphasized.

Basketball - This course is designed to help develop competent skills and concentrated experiences in playing basketball. It will include the study of game strategy, playing rules, and tournament play.



VOLLEYBALL II

MWF Semester 1, 2 9, 10, 11, 12
or Credit: 2 or 3 hours per semester
TR Prerequisite: Student has taken a previous Volleyball course at AHS/member of any competitive Volleyball team/or teacher approval.

This course is for the experienced player who has some knowledge of the game and has learned the basic skills. It will include the study of game strategy (both offensive and defensive play) which will be put to work through practical experience. Competitive skills will be stressed throughout the course while playing in tournament play. Knowledge of the rules and officiating skills will also be stressed.

VOLLEYBALL/TRACK AND FIELD

MWF Semester 1, 2 9, 10, 11, 12
or Credit: 3 hours per semester
TR 2 hours per semester
Prerequisite: None

This course is designed to teach the basic skills of **Volleyball**. Rules, strategy and ball handling will be emphasized, culminating in tournament play. Governed by weather, the latter part of the course will center around **Track and Field** events. Track events, including running and hurdling, as well as introducing the varied field events (long jump, high jumping, shot putting, and throwing the discus) will take place.

VOLLEYBALL AND RECREATIONAL GAMES

MWF Semester 1, 2 9, 10, 11, 12
or Credit: 3 hours per semester or
TR 2 hours per semester
Prerequisite: None

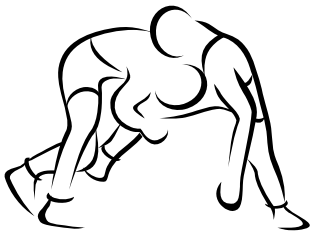
Volleyball -- This course will allow students to develop basic volleyball skills. Setting, Bumping, Serving, and Spiking will be introduced and drilled. Included will be strategy, rules, and refereeing. There will be an all class tournament.

Recreational Games -- Recreational games will be introduced during the quarter. Games include but are not limited to Badminton, Pickle Ball, Ultimate Frisbee. Skill and techniques will be covered as well as the rules of the games.

WRESTLING/FLAG FOOTBALL

TR Semester 1 9, 10, 11, 12
or Credit: 2 hours per semester
MWF 3 hours per semester
Prerequisite: None

This course is designed to give students an introduction to the basic skills, techniques, strategy and rules of **Flag Football** (1st quarter). This course will also introduce the basic skills and moves performed in **Wrestling** (2nd quarter). Strategy, and match and team scoring will be included.



WRESTLING/WEIGHT TRAINING

MWF Semester 1 or 2 9, 10, 11, 12
or Credit: 3 hours per semester or
TR 2 hours per semester
Prerequisite: None

This course will emphasize mechanics and techniques of weight training as they apply to wrestling. Individual wrestling techniques of takedowns and mat wrestling will be stressed.

NOTE: A student may take this class once per semester, continuing for **3 semesters only**, to improve one's physical fitness. A performance record will be kept on each student in each class.

WEIGHT TRAINING

MWF Semester 1, 2 9, 10, 11, 12
or Credit: 2 or 3 hours per semester
TR Prerequisite: None

This is a course in the mechanics and techniques of weight training. It is highly recommended for anyone desiring to improve physical fitness, body development, muscle tone, muscular strength, body reappportionment, and endurance.

***Safety** in the weight room and proper usage of the various forms of lifting apparatus will be emphasized.

For those students who desire to continue their weight training and lifting experiences, to increase their ability to handle heavier weights, to progress toward increased muscular strength and endurance to improve over all performance, additional class sessions will be offered.

Students may be expected to do a variety of written work to broaden their scope of knowledge and awareness of this expanding field (to include tests, articles, and goals, written workouts and illustrations).

NOTE: A student may take this class once per semester, continuing for **3 semesters only**, to improve one's physical fitness. A performance record will be kept on each student in each class.

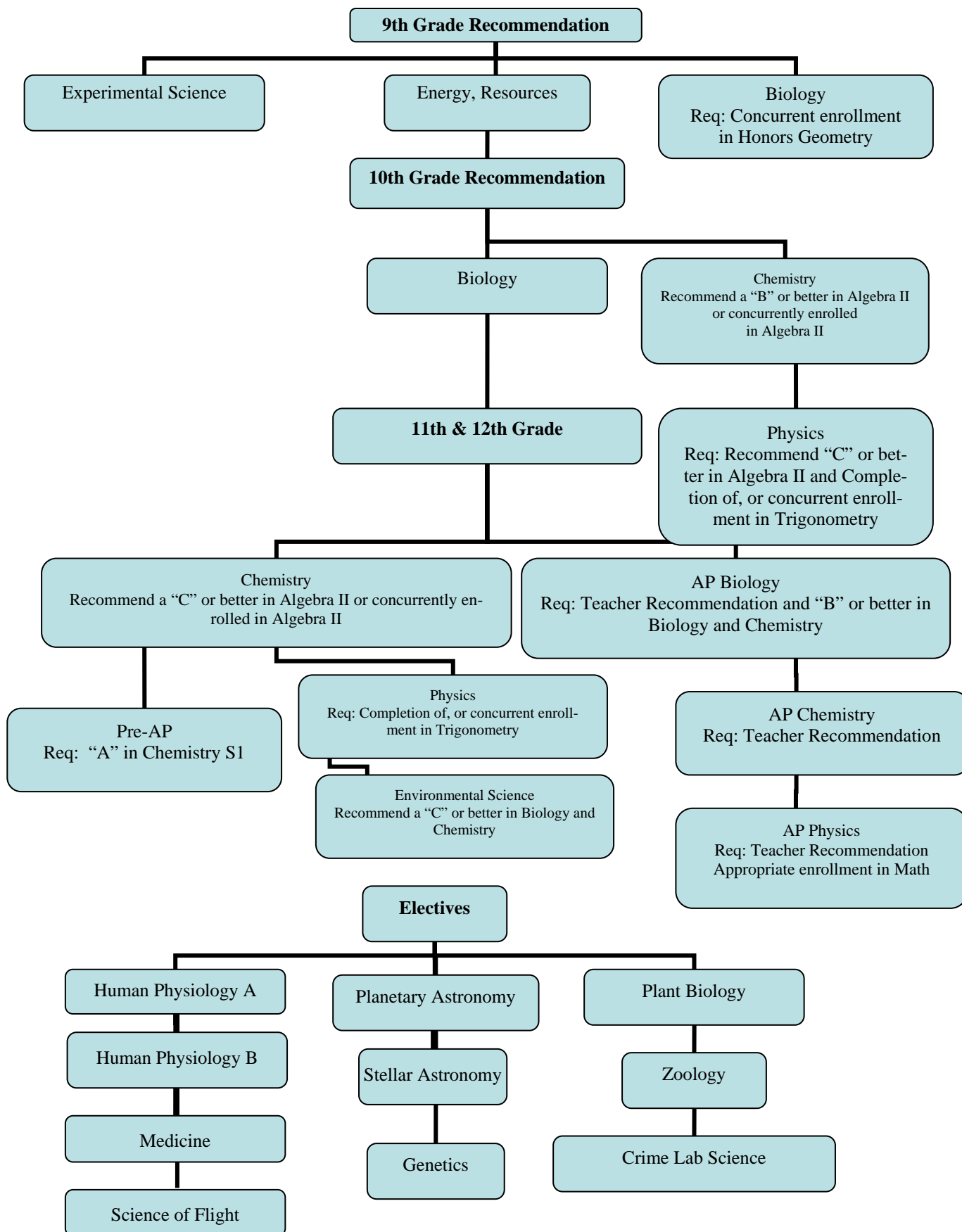
YOGA/PILATES

MWF Semester 1 and 2 9, 10, 11, 12
or Credit: 3 hours per semester or
TR 2 hours per semester
Prerequisite: None

Pilates and Yoga are popular exercises in the fitness world. Incorporating Pilates and Yoga into regular physical activity will increase flexibility, improve muscular strength and endurance, balance and coordination. Pilates brings together mind, body and breath to develop sleek and functionally strong abdominal muscles, a strong and limber back, and aligns the shoulder girdle. Yoga is a combination of relaxation, breathing techniques and exercise which combat stress, helps circulation and improves the range of motion of the joints. Pilates and Yoga help to relieve stress and promote a healthy lifestyle.



SCIENCE CURRICULUM



SCIENCE DEPARTMENT

***ADDITIONAL FEES MAY APPLY TO ELECTIVE CLASSES FOR FIELD TRIP EXPENSES.**

ENERGY, RESOURCES & ENVIRONMENT-S1

MWF Semester 1 9
Credit: 4 hours per semester
Prerequisite: None

ENERGY, RESOURCES & ENVIRONMENT-S2

MWF Semester 2 9
Credit: 4 hours per semester
Prerequisite: Energy, Resources & Environment S1

The topics covered in ERE include Intro to Physics, Measurement & Metrics, Earth & Basic Chemistry, Energy, Astronomy, Water, Air & Land, Weather, and Fossil Fuels. Students are taught scientific techniques needed for subsequent science classes such as Biology and Chemistry. Students learn data collection methods, graphing skills, process skills and the factor label method of problem solving. ERE is a prerequisite for Biology (unless ERE has been waived by an administrator or counselor).

Three hours per week in class, plus one hour in laboratory on Tuesday or Thursday each week.

EXPERIMENTAL SCIENCE-S1

MWF Semester 1 9
Credit: 3 hours per semester
Prerequisite: Recommendation of Current Science Teacher

EXPERIMENTAL SCIENCE-S2

MWF Semester 2 9
Credit: 3 hours per semester
Prerequisite: Experimental Physical Science S1

This is a basic skills science course designed for students who have had a difficult time in science. Considerable time will be spent developing skills related to observation, description, experimentation and responsibility. First Semester will cover topics in Physical Science, while 2nd Semester will explore topics in Life Science. The foundations built in this course will foster confidence for success in future science classes.

BIOLOGY-S1

MWF Semester 1 10, 11, 12
Credit: 4 hours per semester
Prerequisite: None for 10, 11, 12

9th graders **must meet department criteria prior to enrolling.**

BIOLOGY S2

MWF Semester 2 10, 11, 12
Credit: 4 hours per semester
Prerequisite: Biology S1; Recommend a "C" or better in Biology S1.

This class meets three hours per week, plus one hour in laboratory on Tuesday or Thursday each week. This full year course begins with the study of the cell and genetics. It expands to cover organisms in the different kingdoms. The final emphasis is on the human systems. There is considerable time spent in laboratory work in the above areas. This course should be taken by the majority of students for their science requirement.

CHEMISTRY-S1

MWF Semester 1 10, 11, 12
Credit: 5 hours per semester
Prerequisite: Recommend a "B" or better in Algebra II or concurrently enrolled in Algebra II

CHEMISTRY-S2

MWF Semester 2 10, 11, 12
Credit: 5 hours per semester
Prerequisite: Chemistry S1

This course meets three days a week in lectures, plus a two hour lab block on Tuesday or Thursday. Students must have taken or concurrently be enrolled in Advanced Algebra.

This full-year course will emphasize the broad concepts and models upon which modern chemistry rests. The laboratory work is an essential part of this class.

PRE AP CHEMISTRY

MWF Semester 2 10, 11, 12
Credit: 5 hours per semester
Prerequisite: "A" in Chemistry S1 or teacher written recommendation.

This course is designed for students who excel in Chemistry S1. Students in Pre AP Chemistry will cover the same topics as students in Chemistry S2, but in more detail. More detailed lab write-ups will be required. Additional units will be added as time allows. The purpose of this course is to prepare students for the rigor of AP science classes.

PHYSICS-S1

MTWF Semester 1 10, 11, 12
Credit: 4 hours per semester
Prerequisite: Recommend a "C" or better in Algebra II and completion of or concurrently enrolled in Trigonometry

PHYSICS-S2

MTWF Semester 2 10, 11, 12
Credit: 4 hours per semester
Prerequisite: Physics 1

This course meets four hours per week including one hour laboratory work each week.

This lab-oriented course involves the study of the nature of motion, force, and energy, waves, and sound, electricity, optics and light. Both semesters involve extensive use of Algebra and Trigonometry.

ENVIRONMENTAL SCIENCE-S1

MWF	Semester 1	11, 12
	Credit:	3 hours per semester
	Prerequisite:	Recommend a "C" or better in Biology S1 & S2
	Lab Fee:	\$10.00

In this course we will study Colorado's ecology as well as air, land, water basics and pollution. Some field trips may be scheduled. This class has a Study Buddy partnership with the second graders from Twain Elementary as we clean up our Adopt a Road. We also take care of the school's recycling.

ENVIRONMENTAL SCIENCE-S2

MWF	Semester 2	11, 12
	Credit:	3 hours per semester
	Prerequisite:	Recommend a "C" or better in Environmental Science 1
	Lab Fee:	\$10.00

In this class we will study energy, land management, population and environmental policy. Some field trips may be scheduled. As with first semester, we continue to clean our Adopt a Road and take care of the recycling at school.



PLANT BIOLOGY

TR	Semester 2	10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	Recommend completion of Biology
	Lab Fee:	\$10.00

This is a lab-oriented course that deals with the physiology of green plants. The laboratory work consists of a study of the relationships between plant structures and their function. Utilizing the greenhouse, students will grow a vegetable garden, flowers for campus landscaping and plants for experimentation. **Offered Spring Semester only.**

ZOOLOGY

TR	Semester 1	10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	Recommend a "C" or better in Biology S1 AND S2
	Lab Fee:	\$10.00

This is a lab-oriented course that will examine the entire animal kingdom by comparing different physiologies and ecological importance. The extent of laboratory work will range from animal dissection to animal behavior studies. **Offered Fall Semester only.**

GENETICS

TR	Semester 1, 2	10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	Recommend a "C" or better in Biology S1 and S2
	Lab Fee:	\$10.00

This is a laboratory course designed for the students interested in studying basic ideas of genetics and how it will impact society. A knowledge of first year algebra is desirable. Experimentation will include work with DNA restriction analysis and creating a transgenic organism. Students will have the opportunity to pursue current hot topics in genetics and their ethical implications..

MEDICINE

MWF	Semester 1	Zero Hour Class	12
	Credit:	3 hours per semester	
	Prerequisite:	Must be a Senior. Must have a "C" or better in Chemistry, but recommend having a "B" or better. Teacher approval is required.	
	Lab Fee:	\$10.00	

This is a rigorous fall semester course that integrates Biology, Chemistry, and Physics into its curriculum. Physicians from many specialty areas present medical school type lectures that link prior science knowledge. Students will be asked to take two tests that model medical school entrance exams, but cover just the material from our class. The course is designed for those students interested in a future career in medicine. Teacher approval is required. **Offered Fall Semester only.**

HUMAN PHYSIOLOGY A

TR	Semester 1	10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	Recommend a "C" or better in Biology S1 AND S2.
	Lab Fee:	\$10.00

This course surveys human anatomy and physiology of the Integumentary, Skeletal, Muscular, Nervous and Endocrine systems. These systems will be taught through a variety of activities including laboratory exercises, dissections, interactive CD-ROM programs, projects, and lectures. Physiology 1 & 2 can be taken in any order.

HUMAN PHYSIOLOGY B

TR	Semester 2	10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	Recommend a "C" or better in Biology S1 AND S2
	Lab Fee:	\$10.00

This course surveys human anatomy and physiology of the Cardiovascular, Respiratory, Lymphatic, Digestive, and Urinary systems.

These systems will be taught through a variety of activities including laboratory exercises, dissections, interactive CD-ROM programs, projects, and lectures. Physiology 1 & 2 can be taken in any order.

ADVANCED PLACEMENT BIOLOGY-S1

MWF	Semester 1	11, 12
	Credit:	5 hours per semester
	Prerequisite:	Chemistry S1 and S2, Grade "B" or better recommendation of chemistry instructor. Seniors will receive first priority in enrollment in this class. Completion of A.P. Science Application. Highly recommend to purchase class book.
	Lab Fee:	\$10.00

This course meets three days a week in lectures, plus a two hour lab block on Thursday. The course meets the objectives of a general Biology course on the college level. The aim of the course is to achieve the following:

1. Improve the students' knowledge of the facts, principles and processes of Biology.
2. Increase the understanding of the means by which biological information is collected, how it is interpreted, and how one formulates hypotheses from available data and makes further predictions.
3. The course work will include cell physiology, genetics, and biotechnology.

Textbook purchase will be highly recommended.

ADVANCED PLACEMENT BIOLOGY-S2

MWF	Semester 2	11, 12
	Credit:	5 hours per semester
	Prerequisite:	Advanced Placement Biology 1, Grade "C" or better This course includes a 2 hour lab on Thursday.
	Lab Fee:	\$10.00

The second semester course will concentrate in the areas of botany, zoology, human physiology, and man's ecological relationships. Activities will include dissection of organs and organisms. The students are expected to take the AP National exam in May.

ADVANCED PLACEMENT CHEMISTRY-S1

MWF	Semester 1	11, 12
	Credit:	5 hours per semester
	Prerequisite:	Chemistry 1 and 2 Recommendation of instructor AND Grade "B" or better in Chemistry S1 and S2. Algebra II grade of "B" or better. This course includes a 2 hour lab on Thursday. Highly recommend to purchase class book.
	Lab Fee:	\$10.00

The Advanced Placement Chemistry course is the equivalent of the general chemistry course taken during the first year of college. Students in this course should attain a depth of understanding in the fundamentals of chemistry and a reasonable competence in dealing with chemical calculations. The lab is an essential part of this course.

This course is offered to juniors or seniors, by teacher recommendation, who have completed Chemistry 1 and 2 with above average achievement. Students are expected to take the AP exam in May. **Textbook purchase will be highly recommended.**

ADVANCED PLACEMENT CHEMISTRY-S2

MWF	Semester 2	11, 12
	Credit:	5 hours per semester
	Prerequisite:	Advanced Placement Chemistry S1. This course includes a 2 hour lab on Tuesday or Thursday.
	Lab Fee:	\$10.00

This is a continuation of the work completed in the first semester.

ADVANCED PLACEMENT PHYSICS (C): MECHANICS-S1

MTWRF	Semester 1	11, 12
	Credit:	5 hours per semester
	Prerequisite:	Taken concurrently with Calculus, completion "A.P. Science Application" form, instructor approval
	Lab Fee:	\$10.00

The Advanced Placement Physics 1 (C) course is the first semester of the college sequence that serves as the foundation in physics for students majoring in the physical sciences or engineering. **This course is a detailed calculus oriented study of mechanics.** This course will be taken concurrently with Calculus 1.

ADVANCED PLACEMENT PHYSICS (C): ELECTRICITY & MAGNETISM-S2

MTWRF	Semester 2	11, 12
	Credit:	5 hours per semester
	Prerequisite:	Advanced Placement Physics 1 and concurrent Calculus Grade of "C" or better in 1st Semester
	Lab Fee:	\$10.00

This second semester of the college sequence involves the study of electricity and magnetism, and must be taken concurrently with Calculus 2. The AP national exam will be given in May.

ADVANCED PLACEMENT PHYSICS (B)-S1

MTWRF	Semester 1	11, 12
Credit:	5 hours per semester	
Prerequisite:	Trigonometry or concurrent Registration Completion of "A.P. Science Application" form, Instructor Approval	
Lab Fee:	\$10.00	

Advanced Placement Physics (B) includes topics in both classical and modern physics. This course provides a foundation in physics for students in the life sciences, pre-medicine and some applied sciences. All students will be required to take the AP Physics (B) exam in May. **NOTE:** This will be a non-calculus based course. Students planning a career in engineering or the physical sciences should consider taking AP Physics (C).

ADVANCED PLACEMENT PHYSICS (B)-S2

MTWRF	Semester 2	11, 12
Credit:	5 hours per semester	
Prerequisite:	Advanced Placement Physics 1 (B) Trigonometry or concurrent registration Grade of "C" or better in 1st Semester	
Lab Fee:	\$10.00	

This is a continuation of the work completed in the first semester.

PLANETARY ASTRONOMY

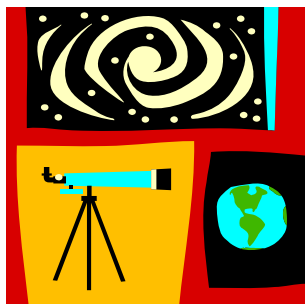
TR	Semester 1	11, 12
Credit:	2 hours per semester	
Prerequisite:	Completion of Biology. Offered Fall Semester	
Lab Fee:	\$10.00	

This course is an introduction to the components of the solar system and their interactions. Topics include the planets and tools of astronomy. This includes topics in chemistry, physics, geology and mathematics. Skills taught include graphing, graph analysis, observing, research and the scientific method. Students are required to do presentations. There may be some night time meeting requirements. Planetary and Stellar Astronomy can be taken in any order.

STELLAR ASTRONOMY

TR	Semester 2	11, 12
Credit:	2 hours per semester	
Prerequisite:	Completion of Biology. Offered Spring Semester	
Lab Fee:	\$10.00	

This course is an introduction to the components of the universe and their interactions. Topics include stars and their life cycle, galaxies, and rocketry. The material includes topics in chemistry, physics and mathematics. Skills taught include graphing, graph analysis, observing, research and the scientific method. Students are required to do presentations. There may be some night time meeting requirements. Stellar and Planetary Astronomy can be taken in any order.



CRIME LAB SCIENCE (FORENSICS)

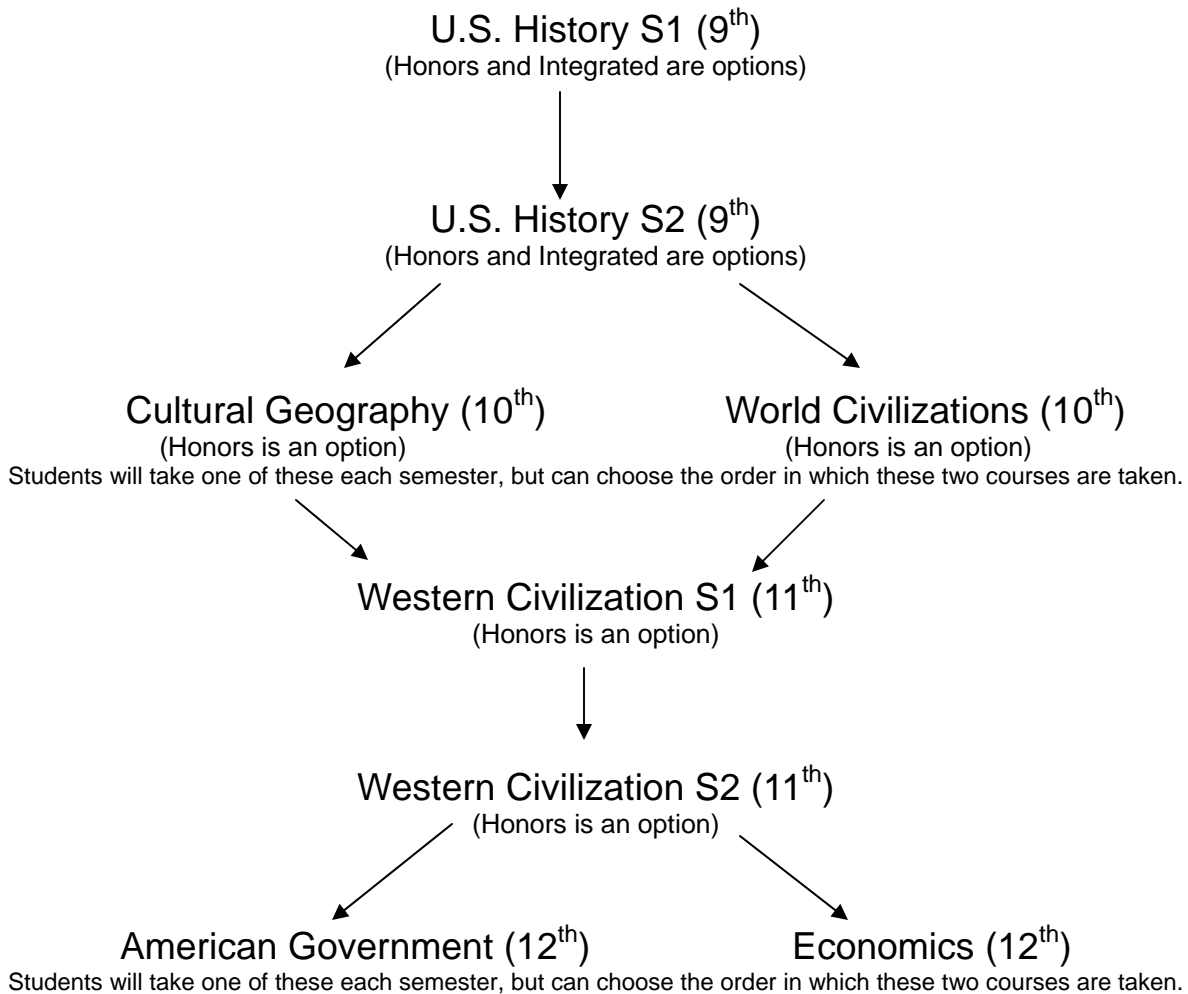
TR	Semester 1, 2	10, 11, 12
Credit:	2 hours per semester	
Prerequisite:	Recommend a "C" or better in Biology S1 and S2	
Lab Fee:	\$10.00	

Students will learn various forensic techniques, such as fingerprinting, footprint casting, fiber identification, blood spatter pattern analysis, and ballistic identification. These techniques and inductive and deductive reasoning will be used to solve mysteries. Students will apply knowledge and techniques learned in previous science classes such as Biology.



Social Studies Department

Required Classes:



Advanced Placement American Government, a full year course, will be accepted as a replacement for both American Government and Economics.

Advanced Placement U.S. History, a full year course, will be accepted as a replacement for Economics, but students will still be responsible for taking American Government to meet state civics standards.

Elective Classes

A.P. U.S. History
A.P. Psychology
A.P. Human Geography
A.P. American Government
Anthropology

Colorado History
Comparative World Religions
Current Events
International Relations
Intro to Human Behavior

Law
Philosophy I
Psychology I
Russian History
Sociology

SOCIAL STUDIES DEPARTMENT

STUDENT WRITING SKILLS

The Social Studies Department seeks to improve the quality of students' writing skills. Students can expect their written homework to be evaluated on content, organization, grammar, sentence structure, and spelling. Grading policies will reflect this emphasis on writing skills. Suggested standards for Writing Across the Curriculum will be followed.

SOCIAL STUDIES DEPARTMENT HONORS PROGRAM

A. HONORS

The Social Studies Honors Program is designed for the more academically able student. Honors courses are broader in scope and depth than regular academic classes and require more preparation and homework. Examinations in the honors program help prepare students to enter the Advanced Placement courses with experience in A.P. testing methods and strategies. Admission to the Honors program starts with United States History S1 through a process that is undertaken during the spring semester of the student's eighth grade year. An audition reading examination, standardized test scores, teacher-counselor recommendations, and past performance in eighth grade social studies are all considered important parts of the selection requirement. Students who wish to be considered during subsequent semesters may apply for admission. Those students will be considered based on teacher evaluation of their performance in our program. Some students may also be required to take a writing sample administered by the Social Studies Department and graded by the honors program teachers. All honors students are required to do at least "B" work in order to continue in the program.

The Social Studies Department Honors Program is as follows:

- 9th - U. S. History-S1 Honors (first semester),
U.S. History-S2 Honors (second semester)
- 10th - Cultural Geography Honors - (first semester)
World Civilizations Honors - (second semester)
- 11th - Western Civilization I & II Honors (both semesters)
- 12th - U. S. History (AP) and American Government
or American Government AP

Electives considered to be particularly suitable include A.P. U.S. History, A.P. American Government, A.P. Human Geography, A.P. Psychology, Russian History, Psychology, Law, Sociology, Comparative World Religions, International Relations, and Philosophy.

FRESHMAN COURSES

U. S. HISTORY-S1

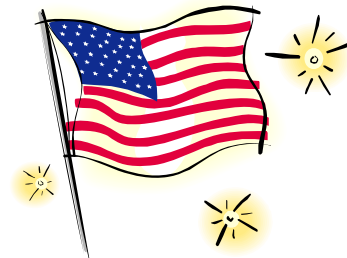
MTWRF Semester 1 9
Credit: 5 hours per semester
Prerequisite: None

This required course begins with a review of early American history from exploration through the Civil War era. The course will then focus in depth on industrialism, expansion and imperialism, Progressivism, World War I, the 1920s and the Great Depression. Students will work with primary and secondary sources, develop and defend arguments, and expand upon their critical historical analysis skills.

U. S. HISTORY-S2

MTWRF Semester 2 9
Credit: 5 hours per semester
Prerequisite: None

This required course begins with a study of World War II, continues with the Cold War, the 1950s, the Civil Rights Movement, the Vietnam War, domestic and international conflicts of the 1960s and 1970s, the end of the Cold War, and the 1980s and beyond. Students will evaluate the reliability of information received from various sources, take and defend positions on current issues, and analyze how economic factors influence social and political policies.



INTEGRATED HISTORY /ENGLISH 9-S1, S2

MTWRF	Semester 1,2	9
Credit:	10 hours per semester (this course is taught in a 2-hour block)	
Note:	Course is limited to the first 50 students who sign up.	

American Humanities is a year long course integrating American history and American literature. This course begins with a review of early American History from European exploration through the Civil War. The course will then focus in depth on industrialism through the 1990s. Students learn critical thinking skills necessary to understand history and language arts as well as skills that expand their reading and writing abilities. A focus of the class is to have students realize that what we see, think, draw, write or compose reflects the values and struggles of Americans at any given time and gives meaning to what it means to be an American. This class meets in a daily two-hour block and satisfies the requirements for both freshmen history and language arts (20 credits). Enrollment is limited.

U. S. HISTORY: HONORS-S1, S2

MTWRF	Semester 1 & 2	9
Credit:	5 hours per semester	
Prerequisite:	Teacher recommendation	

This full year course deals with the same topics as U.S History S1 and S2, but will be differentiated by more careful analysis and greater depth in questioning. Students will be required to do more outside reading and will be expected to write considerably more than the regular course.

SOPHOMORE COURSES

CULTURAL GEOGRAPHY

MWF	Semester 1 or 2	10
Credit:	3 hours per semester	
Prerequisite:	None	

The primary purpose of this course is to encourage students to increase their knowledge of the world's locations. Major emphasis will be given to cultural aspects. In addition, historical, political, and economic issues will be studied for the various regions of the world. Emphasis will be placed on classroom activities requiring a high level of student participation.

CULTURAL GEOGRAPHY (HONORS)

MWF	Semester 1	10
Credit:	3 hours per semester	
Prerequisite:	Teacher recommendation	

This course deals with the same topics as Cultural Geography, but will be differentiated from it by a more careful analysis and greater depth in levels of questioning. Students will be required to do more outside reading and will be expected to write considerably more than the regular course.

WORLD CIVILIZATIONS

MWF	Semester 1 or 2	10
Credit:	3 hours per semester	
Prerequisite:	None	

This course covers the beginnings of history in North Africa and the Near East and includes an historical survey through the 20th century for the following regions –The Middle East, Africa, South Asia, East Asia and the Americas.

WORLD CIVILIZATIONS (HONORS)

MWF	Semester 2	10
Credit:	3 hours per semester	
Prerequisite:	Teacher recommendation	

This course deals with the same topics as the regular course, but will be differentiated from it by a more careful analysis, greater depth in levels of questioning and an emphasis on writing. Students will be required to do more outside reading and will be expected to write considerably more than the regular course.

JUNIOR COURSES

ADVANCED PLACEMENT AMERICAN GOVERNMENT– S1, S2

MWF	Semester 1 AND 2	11, 12
Credit:	3 hours per semester	
Prerequisite:	Teacher recommendation	
Fee:	Textbook purchase required	
	*Fulfills the American Government and Economics Requirement for graduation.	

This is a college level course, incorporating reading, examinations, and writing skills. The course includes the following major areas of study as designed by the College Board: constitutional foundations, political beliefs and behavior of individuals, political parties and interest groups, the three branches of government, civil liberties and civil rights, and public policy. In addition, students will focus on the game of politics as it is played at the nation, state, and local levels. In May, the students will be expected to take the College Board Advanced Placement Exam in American Government. A successful score on this exam may enable the student to receive college credit and/or advanced standing in the college of his/her choice, depending on that college's acceptance of the A. P. program. Student participation in class discussion and in oral presentations is a must. The course meets state civics standards.

WESTERN CIVILIZATION – S1

MWF	Semester 1	11
Credit:	3 hours per semester	
Prerequisite:	World History I	

This course covers the following: Greek and Roman civilizations, Byzantines and Slavs, Europe during the Middle Ages through the Renaissance, and Absolutism. A variety of classroom activities are used including audio-visual presentations and student oral presentations. **This course is a requirement for most colleges and universities.**

WESTERN CIVILIZATION-S2

MWF Semester 2 11
Credit: 3 hours per semester
Prerequisite: World Civilizations I

This course covers world history from the French Revolution to the post Cold War period. Among the topics covered will be: Revolution, nationalism, industrialism, imperialism, and totalitarianism. A variety of classroom activities are used including audio-visual presentations and student oral presentations. **This course is a requirement for most colleges and universities.**

WESTERN CIVILIZATION - S1 (HONORS)

MWF Semester 1 11
Credit: 3 hours per semester
Prerequisite: Teacher recommendation

This course deals with the same topics as Western Civilizations I, but will be differentiated from it by a more careful analysis and greater depth in levels of questioning. Students will be required to do more outside reading and will be expected to write considerably more than the regular course.

WESTERN CIVILIZATION - S2 (HONORS)

MWF Semester 2 11
Credit: 3 hours per semester
Prerequisite: Teacher recommendation

This course deals with the same topics as Western Civilization II, but will be differentiated from it by a more careful analysis and greater depth in levels of questioning. Students will be required to do more outside reading and will be expected to write considerably more than the regular course. Students who complete Western Civilizations I and II (Honors) will have the opportunity to try the Advanced Placement European History exam.

SENIOR COURSES

AMERICAN GOVERNMENT

MWF Semester 1 or 2 12
Credit: 3 hours per semester
Prerequisite: None

This course will present an overview of the structure and operation of government in the United States today. Major topics in government will include the following: the U. S. Constitution, Federalism, three branches of government, and the role of the individual, political parties, interest groups, and the media. Students will compare the national system to that of the state of Colorado and will examine state and local politics. This course meets the state civics standards.

ECONOMICS

TR Semester 1 or 2 12
Credit: 2 hours per semester
Prerequisite: None

This course will present an overview of the nature and practice of economics in the United States today. Major topics will include the following: economic systems and pricing, supply and demand, the Federal Reserve, inflation and deflation, interest rates, and types of economic markets.

ADVANCED PLACEMENT U. S. HISTORY

MTWRF Semester 1 AND 2 12
Credit: 5 hours per semester
Prerequisite: Teacher recommendation
Fee: Students are required to purchase the A.P. U.S. History textbook

*Fulfills the senior Economics requirement, however, students must take American Government or Advanced Placement American Government in order to meet state civics standards.

This college level course presents United States history from the colonial era through modern times. Political, diplomatic, economic, social, and intellectual developments will be explored through historical readings, primary source documents, lecture/discussion, and analysis of historical questions through objective and essay tests. Student participation in class dialogue is paramount. In May of each year, students will be expected to take the College Board Advanced Placement Exam in U.S. History. A successful score on this exam may enable the student to receive college credit and/or advanced standing at the college of his/her choice, depending on that college's acceptance of the A.P. program.

ADVANCED PLACEMENT AMERICAN GOVERNMENT-S1, S2

MWF Semester 1 AND 2 11, 12
Credit: 3 hours per semester
Prerequisite: Teacher recommendation
Fee: Textbook purchase required
*Fulfills the American Government and Economics Requirement for graduation

This is a college level course, incorporating reading, examinations, and writing skills. The course includes the following major areas of study as designed by the College Board: constitutional foundations, political beliefs and behavior of individuals, political parties and interest groups, the three branches of government, civil liberties and civil rights, and public policy. In addition, students will focus on the game of politics as it is played at the nation, state, and local levels. In May, the students will be expected to take the College Board Advanced Placement Exam in American Government. A successful score on this exam may enable the student to receive college credit and/or advanced standing in the college of his/her choice, depending on that college's acceptance of the A. P. program. Student participation in class discussion and in oral presentations is a must. The course meets state civics standards.



ELECTIVES

ANTHROPOLOGY

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This course is divided into two parts, Cultural and Physical Anthropology. The Cultural section deals with variations of human behavior. Students will have the opportunity to apply what they learn in their study of traditional, non-western cultures such as the Yanomamo. Physical Anthropology studies humans as physical beings. During their examination of Physical Anthropology, students will explore the theories of human evolution.

ADVANCED PLACEMENT U. S. HISTORY

MTWRF Semester 1 AND 2 12
Credit: 5 hours per semester
Prerequisite: Teacher recommendation
Fee: Students are required to purchase the A.P. U.S. History textbook

*Fulfills the senior Economics requirement, however, students must take American Government or Advanced Placement American Government in order to meet state civics standards.

This college level course presents United States history from the colonial era through modern times. Political, diplomatic, economic, social, and intellectual developments will be explored through historical readings, primary source documents, lecture/discussion, and analysis of historical questions through objective and essay tests. Student participation in class dialogue is paramount. In May of each year, students will be expected to take the College Board Advanced Placement Exam in U.S. History. A successful score on this exam may enable the student to receive college credit and/or advanced standing at the college of his/her choice, depending on that college's acceptance of the A.P. program.

ADVANCED PLACEMENT AMERICAN GOVERNMENT

MWF Semester 1 AND 2 11, 12
Credit: 3 hours per semester
Prerequisite: Teacher recommendation
Fee: Textbook purchase required
*Fulfills the American Government and Economics Requirement for graduation

This is a college level course incorporating reading, examinations, and writing skills. The course includes the following major areas of study as designed by the College Board: constitutional foundations, political beliefs and behavior of individuals, political parties and interest groups, the three branches of government, civil liberties and civil rights, and public policy. In addition, students will focus on the game of politics as it is played at the nation, state, and local levels. In May, the students will be expected to take the College Board Advanced Placement Exam in American Government. A successful score on this exam may enable the student to receive college credit and/or advanced standing in the college of his/her choice, depending on that college's acceptance of the A. P. program. Student participation in class discussion and in oral presentations is a must. The course meets state civics standards.

ADVANCED PLACEMENT HUMAN GEOGRAPHY

TR Semester 1 AND 2 11, 12
Credit: 2 hours per semester
Prerequisite: Successful completion of Cultural Geography and counselor or instructor recommendation.
Fees: Textbook purchase recommended

This college level course helps students analyze the spatial patterns and distribution of systems on Earth. The main emphasis is on how humans have shaped or altered those patterns. Geographic concepts emphasized throughout the course are location, space, scale, pattern, regionalization and place. Students will study the dynamics of human population growth and movement, patterns of culture, economic patterns, especially urbanization. Students will have the opportunity to take the College Board Advanced Placement Exam in Human Geography in May. A successful score on this exam may enable the student to receive college credit and/or advanced standing at the college of his/her choice, depending on that college's acceptance of the A.P. program.

ADVANCED PLACEMENT PSYCHOLOGY

MWF Semester 1 AND 2 11, 12
Credit: 3 hours per semester
Prerequisite: Teacher Recommendation
Fees: Textbook purchase recommended.

This college level course introduces students to the systematic study of human behavior and experience through the major perspectives in this field. Emphasis will be placed on the primary psychological perspectives (psychodynamic, behavioral, cognitive, humanistic, neurobiological, and sociocultural). The course will include the following areas of study: learning, memory, motivation, emotion, biological basis of behavior, sensation, perception, consciousness, personality, development, intelligence, abnormal psychology and social psychology. Students will have the opportunity to take the College Board Advanced Placement Exam in Psychology in May. A successful score on this exam may enable the student to receive college credit and/or advanced standing at the college of his/her choice, depending on that college's acceptance of the A.P. program.

COLORADO HISTORY

TR Semester 1 or 2 9, 10, 11
Credit: 2 hours per semester
Prerequisite: None

This course will survey Colorado's history from prehistory through the twentieth century. Special attention will be given to topography, exploration, mountain men, mining frontier, impact of the railroad, cattlemen, farmers and Indians. Maps and audiovisual materials will be utilized.

COMPARATIVE WORLD RELIGIONS

TR Semester 1 or 2 11, 12
Credit: 2 hours per semester
Prerequisite: None

This class will expose students to a comparison of many of the world's religions. Students will examine Far Eastern philosophy, Hinduism, Buddhism, Islam, Judaism, and Christianity. Text, audiovisuals, and guest speakers will be utilized.

CURRENT EVENTS

TR Semester 1 or 2 9, 10, 11
Credit: 2 hours per semester
Prerequisite: None

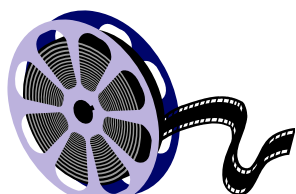
This class will expose students to the concept of “Trends,” both worldwide and national. Students will then investigate current issues and events to attempt to understand and analyze how these fit into larger trends. Oral and written evaluations as well as class participation will be important in student grades.

FILM STUDY HUMANITIES:

SOCIAL CHANGE

TR Semester 1 11, 12
Credit: 4 hours (2 hrs Social Studies and 2 hrs Language Arts)
Prerequisite: None

This interdisciplinary humanities course is an academic examination of film as a medium which reflects and/or defines culture. The class will provide an in-depth look into how films subtly reveal the ideals and biases of society from the 1900’s to the present. Students will be required to connect events and attitudes of society at a particular point in history with that of a film released at the same time. Students, upon successful completion of this course, will receive 2 Social Studies credits and 2 Language Arts credits.



FILM STUDY HUMANITIES:

DEFINING HUMANITY

TR Semester 2 11, 12
Credit: 4 hours (2 hrs Social Studies and 2 hrs Language Arts)
Prerequisite: None

This course has the same course structure as Film Study Humanities: Social Change, but offers a different selection of films. Students **do not** have to take Film Study Humanities: Social Change before taking this course.

INTERNATIONAL RELATIONS

TR Semester 1 or 2 11, 12
Credit: 2 hours per semester
Prerequisite: None

This course provides an understanding of the interactions between nation-states and other international players. Historical background and current issues will be explored. Reading and discussions will focus on such topics as: conflict, cooperation and power; development and the gap between rich and poor nation-states; foreign policy, security and defense, terrorism, global problems and possible solutions, and Human Rights issues.

INTRODUCTION TO HUMAN BEHAVIOR

TR Semester 1 or 2 9, 10
Credit: 2 hours per semester
Prerequisite: None

This course will provide students with an introduction to the disciplines of psychology, sociology, and anthropology. Human behavior will be the focus of the class as each discipline is explored. Why do people behave as they do? What do they believe, and how do values and belief systems affect behavior? Some areas of study in the field of psychology will include approaches to psychology, personality and altered states of consciousness including drug use. Major contributors to social organization, social change, and social problems will be addressed during the study of sociology. The study of anthropology will focus on the physical and cultural development of humans.

LAW

TR Semester 1 or 2 11, 12
Credit: 2 hours per semester
Prerequisite: None
Fee: \$13 to cover transportation and thank yous for speakers, attorneys, and judges who work with the students

There is an old saying in legal circles that “The average person who insists on handling his own legal problems has a fool for a client.” However, not all the problems that seem to be legal in nature require the services of a lawyer. This course is intended to be a practical course for ALL STUDENTS to help them understand their rights and responsibilities under our legal system. This course will focus on five aspects of the justice system in the United States: the criminal mind and act, the police and the arrest procedure, the courts and criminal justice procedure, the rights of the accused, and the system and method of punishment. Students will be introduced to basic terminology, basic procedural aspects and concepts, key court cases, and possibly (based on time available) civil law procedures and the juvenile justice system. This course will incorporate readings, class discussions, guest speakers, mock *voir dire* and mock trial activities, and field trips to meet the course objectives.

PHILOSOPHY I

TR Semester 1 or 2 11, 12
Credit: 3 hours per semester
Prerequisite: None

The course is designed to give students an introduction to the field of philosophy. Students will be introduced to the questions raised in each of the subdivisions of philosophy, as well as the major ideas of such philosophers as Socrates, Plato, Aristotle, Aquinas, Descartes, Hume, Kant, Marx, Sartre, and Nietzsche. The timeless philosophical problems will also be considered (i.e., What is good? Is man free? Does God exist? Is a just society possible?). Emphasis will be given to recent biological-medical advances and the questions and problems these raise for society.

PSYCHOLOGY I

MWF Semester 1 or 2 11, 12
Credit: 3 hours per semester
Prerequisite: None

This course is an introduction to psychology. Material covered includes approaches to psychology, scientific methods, the brain, body, and behavior, sensation and perception, motivation, emotion, and consciousness. The class will consist of understanding psychological terminology, lectures, discussions, experiments, and a variety of media to promote a general understanding of the field. The course is designed for students who may wish to further their education in psychology and for students who desire to apply psychological principles in their own lives.



RUSSIAN HISTORY

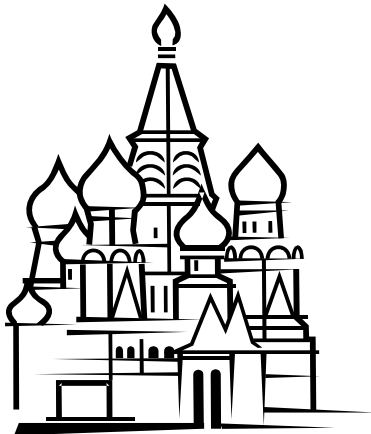
TR Semester 1 or 2 11, 12
Credit: 2 hours per semester
Prerequisite: None

This course explores the development of Russian culture from pre-Christian times to the present day. Students will investigate Russia's vast geography, its ethnic diversity, its economic development, and its autocratic political tradition. Students will also study the era of the Soviet Union (1917-1991) when Russia was dominated by totalitarian communism. Finally, students will examine the Gorbachev and Yeltsin years up to the present day. As a result of this course, students will become better acquainted with the remarkable depth of this culture.

SOCIOLOGY

TR Semester 1 or 2 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

Sociology, defined as the study of human relationships, focuses on understanding human behavior in the social context. The study of sociology examines how relationships are formed, how groups emerge, and how social institutions are created and maintained. A sampling of topics discussed include: socialization, family, leadership, culture, norms and values, conformity, deviant behavior, gender roles, and the impact of the media. Students will be involved in drawing conclusions in both verbal and written form, in-class experiments, contemporary readings, and analysis of social problems. Special emphasis on current trends of behavior and social change in the United States will be addressed.



Special Services Department

SERVICES

CORE ACADEMIC CLASSES

TRANSITION

ACADEMIC SUPPORT

LIVING SKILLS

INCLUSION

WORK EXPERIENCE

CURRICULUM

LANGUAGE ARTS

STUDY CENTER

MATH

TEEN LIVING SKILLS

SOCIAL STUDIES

VOCATIONAL

SCIENCE

ELECTIVES

SPECIAL SERVICES DEPARTMENT

Participation in the following courses must be approved by the Special Services Department. These courses are designed to meet graduation requirements listed in the *Pathfinder*. Additional individualized courses may be offered to meet student needs.

ADAPTIVE/MOTOR SKILLS

TR Semester 1, 2 9, 10, 11, 12
Credit: 1-2 hours per semester

Offered to students who require improvement of adaptive motor skills.

ACADEMIC WORKSHOP

TR Semester 1, 2 9, 10
Credit: 2 hours per semester

This class is designed to expand a student's skills in Math, Reading, and Writing. The class has modified activities to meet the needs of all students.

AMERICAN GOVERNMENT FUNDAMENTALS

MWF Semester 1 12
Credit: 3

The purpose of this course is to aid students in understanding the American political process and increase their capability for effective political participation.

COLORADO HISTORY FUNDAMENTALS

MWF Semester 1, 2 9, 10, 11, 12
Credit: 2-3 hours per semester

This course consists of a basic survey of Colorado's history. Special attention will be given to exploration, mountain men, mining, frontier, railroad, cattlemen, farmers, and Indians. Text, mapping, and audio-visual materials will be utilized.

COMMUNITY ESSENTIALS

MTWRF Semester 1, 2 9, 10, 11, 12
Credit: 2-5 hours per semester

This class emphasizes pedestrian/safety skills, RTD training, and shopping skills. This class utilizes community facilities and resources.

CULTURAL GEOGRAPHY FUNDAMENTALS

MWF Semester 1, 2 10
Credit: 3

The primary purpose of this course is to encourage students to increase their knowledge of the world's locations. This course will provide skill development on the locations of cultures throughout the world.

ECONOMICS FUNDAMENTALS

MWF Semester 2 12
Credit: 3 hours

This course consists of practical aspects of the American economic system. Major topics will include supply and demand and economic systems and pricing.

ENGLISH 9 FUNDAMENTALS

MTWRF Semester 1, 2 9
Credit: 5

This course models the curriculum for English 9. Training in effective reading, writing, listening/viewing and speaking skills are offered. The selections from literature will include short stories, drama, novel(s), and non-fiction.

ENGLISH 10 FUNDAMENTALS

MTWRF Semester 1, 2 10
Credit: 5

This course models the curriculum for English 10. This course will include emphasis on spelling, punctuation, sentence structure, development of a coherent paragraph, study skills and literature including short stories, poetry, novel(s), nonfiction and drama.

FINE MOTOR

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Fee: \$15.00

For students who need extra work on handwriting and fine motor skills. This class includes handwriting, craft activities, and use of various school tools.

FUNDAMENTALS OF ALGEBRA

MTWRF Semester 1, 2 9, 10, 11, 12
Credit: 5 hours per semester

The purpose of this class is to increase students' abilities to understand basic algebraic concepts. A review of fractions, decimals and percent will also be a part of the curriculum. There will also be an emphasis on word problems and the application of algebra to geometry.

FUNDAMENTALS OF CONSUMER MATH

MWF Semester 1, 2 11, 12
Credit: 3 hours per semester

This course is designed to present math topics relative to everyday living. Major topics may include: banking and checking skills, along with management of money.

FUNDAMENTALS OF GEOMETRY

MTWRF Semester 1, 2 9, 10, 11, 12
Credit: 5 hours per semester

The purpose of this class is to increase students' abilities to understand basic geometric concepts. A review of proportions, and basic algebraic concepts will also be a part of the curriculum. There will also be an emphasis on word problems and the application of geometry to the physical world.

INNOVATIVE SIGN LANGUAGE

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester

This course is designed as an interactive way to learn basic sign language. The class has modified activities to meet the needs of all students. We will be using visual games, songs, and a hands-on technique to experience and learn signs. Emphasis is on acquiring basic sign language and social interaction with peers.

LITERATURE FUNDAMENTALS

MTWRF Semester 1, 2 11, 12
Credit: 3 - 5 hours per semester

This class offers the student an opportunity to read and discuss a variety of short stories, poetry, non-fiction, and plays by American authors. The students read continuously, developing the reading skills of fluency and comprehension skills.

MATH ESSENTIALS

MWF Semester 1, 2 9, 10, 11, 12
Credit: 3 hours per semester

For students who need to learn functional mathematics: Money, time, calculator usage, one to one correspondence, counting, basic addition, and subtraction. This is a class which can also include multiplication, division, and fractions.

MATH FUNDAMENTALS

MTWRF Semester 1, 2 9, 10, 11, 12
Credit: 3 - 5 hours per semester

This math class will cover various topics that correlate with the state standards in the area of math. Number relations, probability, basic algebra and geometry concepts, and measurement are some of the units that will be covered during the course of the year. There will also be an emphasis on word problems and the applications of math to everyday life.

MATH LAB

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester

This course will provide students with an added opportunity to supplement their math instruction in all skill areas. This course will strengthen their fundamental computational skills including the foundations of Math, Algebra, and Geometry.

READING ESSENTIALS

MTWRF Semester: 1, 2 9, 10, 11, 12
Credit: 5 hours per semester

This class emphasizes various reading strategies. This class gives students skills to improve their comprehension and decoding ability. Strategies to improve word recognition and vocabulary may include journal writing, reading various selections, and vocabulary building.

READING FUNDAMENTALS

MTWRF Semester 1, 2 9, 10, 11, 12
Credit: 2, 3, 5 hours per semester

Reading Fundamentals is a class that focuses on the student's needs for developing reading skills, decoding, and reading comprehension. Students will be instructed using the FAST Reading System, which utilizes whole language and phonics instruction and incorporates reading, writing, and spelling in the program.

SENIOR SKILLS (SENIORS ONLY)

MWF Semester 1, 2 12
Credit: 3-6 hours per semester
Fee: \$25.00

This class prepares seniors for life after high school which may include the LPS Transition Program. It is only offered the second semester of your student's senior year. This class includes weekly outings, resume/portfolio writing, and RTD/Community skills.

SIGN LANGUAGE I-SIGN LANGUAGE II

TR Semester 1, 2 11, 12
Credit: 2 hours per semester

This class is an elective credit only.

This course is a sequential series of semester classes which follow a method concentrating on the four skills of language learning and on the development of cultural awareness of American Sign Language (ASL). Students will learn to recognize, reproduce, comprehend signs and sentence structures of ASL. Students will also learn to recognize and be sensitive to the Deaf culture which is associated with this vibrant and exciting language. Emphasis on language skills and cultural awareness shifts progressively as the student advances to the upper levels of the language. Each successive semester requires the previous class as a pre-requisite or instructor approval.

SPECIAL TRAINING

MTWRF Semester 1, 2 9, 10, 11, 12
Credit: 1 hour per semester

This support service is designed to help students deal with social or emotional issues that interfere with their functioning in the school environment. Students may enroll in Special Training with the school psychologist's approval.

SPEECH COMMUNICATION SKILLS

TWF Semester 1, 2 9, 10, 11, 12
Credit: 1-2 hours per semester

Offered to students who require improvement in communication skills. Enrollment must be approved by the speech and language therapist.

STUDY CENTER

MTWRF Semester 1, 2 9, 10, 11, 12
Credit: 1-5 hours per semester

This comprehensive study support program is designed to provide academic assistance for IEP students. The students will develop organizational skills, study skills, and have an opportunity to seek general teacher support, along with services offered from the special education team. The grade is based on attendance, improvement of organizational skills and work completion.

STUDY SKILLS FUNDAMENTALS

MWF Semester 1, 2 9, 10, 11, 12
Credit: 3 hours per semester

This course will provide students with the opportunity to develop appropriate learning skills, such as study habits, time-management planning, test taking, organization, and classroom skills. These skills will ultimately improve their academic standings in the classroom setting.

TECHNICAL WRITING

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester

This class builds basic written communication skills, with emphasis on idea development, mechanics, and vocabulary. A class newsletter is produced using basic publishing technology.

TEEN LIVING

MWF Semester 1, 2 9,10, 11, 12
Credit: 3 hours per semester
Fee: \$30.00

Once a week, this class provides students opportunities to learn calendar and time management skills, the history of their community, appropriate classroom behavior, and interpersonal skills.

Offered to students twice a week, this class provides an awareness of nutrition, basic shopping, food preparation, community math, travel, and dining.

US HISTORY FUNDAMENTALS

MTWRF Semester 1, 2 9
Credits: 5

Semester 1 begins a review of early American History from exploration through the Civil War era. Semester 2 studies WWI and WWII, the Civil Rights Movement through the 70's. Students will develop an understanding of basic US History.

VOCATIONAL SKILLS

MTWRF Semester 1, 2 9, 10, 11, 12
Credit: 1-7 hours per semester

Students will receive practical on the job training in a community setting. Students will develop their occupational skills and improve their adaptability skills in the area of work, social and personal growth. Students will learn skills that will help them gain independence in the workplace.

WESTERN CIVILIZATION FUNDAMENTALS

MWF Semester 1, 2 11
Credit: 3

This course covers world history. Among the topics covered will be: Greek and Roman Civilizations, Byzantines and Slavs, Europe during the Middle Ages through the Renaissance and Absolutism. A variety of classroom activities are used.

WORK EXPERIENCE

MTWRF Semester 1, 2 10, 11, 12
Credit: 1-10 hours per semester

The student will gain employment experience, develop occupational skills, and explore career interests by performing work skills in a community setting. Students will be under the guidance of the School/Business Liaison at Arapahoe High School. Credit is applied to Practical Arts. Work experience will be evaluated on a pass/fail basis.

WORLD CIVILIZATIONS FUNDAMENTALS

MWF Semester 1, 2 10
Credit: 3

This course covers the beginnings of history in North Africa and the near east and includes an historical survey through the 20th century about the different countries in the world. In addition, this course will include the study of cultural geography.

WORLD OF WORK

MWF Semester 1, 2 11, 12
Credit: 3 hours per semester

This class is designed to provide instruction for students which will promote a positive transition from high school to post-school activities, including vocational training, social skills, post-school living arrangements, community participation, and/or post secondary education.

WRITING FUNDAMENTALS

MWF Semester 1, 2 9, 10, 11, 12
Credit: 3 hours per semester

This writing class is guided by the District Standards. The six traits of writing may be emphasized, along with vocabulary, basic sentence structure, single and multi-paragraph writing. In addition, journals, letters, creative and descriptive writing, short stories and autobiographies will be covered in this course.



TECHNOLOGY EDUCATION

Technology Studies I-VIII

- Architecture
- Computer Aided Design (CAD)
- Communications
- Lasers/Electronics
- Manufacturing
- Promotional Graphics
- Robotics

Design Projects

Woodworking

- Woods
 - Advanced Woods

Computer Servicing (A+ Certification)

- PC Servicing I-II –Year 1
 - PC Troubleshooting I-II – Year 2

Web Page

- Web Page Design I
 - Web Page Design II

Digital Photography (Photojournalism)

Additional Journalism classes listed in Language Arts Department

TECHNOLOGY EDUCATION DEPARTMENT

TECHNOLOGY STUDIES I-VIII

MWF Semester 1, 2 9,10,11,12
Credit: 3 hours per semester
Prerequisite: None
Fee: \$5

In this class the student can choose what topics they want to study. Topics include:

1. Computer Aided Design (CAD) - Design mechanical parts and create them on a rapid-prototyping machine.
2. Architecture- Design single family homes, commercial buildings, and construct architectural models.
3. Communications- Design and edit digital audio and video clip, or create computer animations.
4. Lasers/Electronics- Operate Lasers, Fiber Optics, and Electronic devices.
5. Manufacturing- Design and manufacture mechanical parts using Computer Numerically Controlled (CNC) Lathes and Mills.
6. Promotional Graphics- Design promotional products using a graphic design software. Students will use Freehand, Dream-Weaver, and Flash to create logos, websites, and animations. A laser engraver may be used to create a student designed product.
7. Robotics- Program robots, automated devices, and Computer Integrated Manufacturing (CIM) cells.

Math, science, design and engineering principles are emphasized where appropriate in each module.

This class may be taken up to eight semesters for credit.

DESIGN PROJECTS

TR Semester 1,2 9,10,11,12
Credit: 2 hours per semester
Prerequisite: None
Fee: \$20

This class will design and build three projects per semester. Projects may include Bridges, CO₂ Racecars, Powered Gliders, Mousetrap racecars, Aeroracers, Towers, One-Meter Rockets, and more. Each semester builds a different set of projects. Students will learn and apply math, science, and engineering principles to their designs. **This class may be taken twice for credit.**

WOODS

TR Semester 1, 2 9,10,11,12
Credit: 2 hours per semester
Prerequisite: None
Fee: \$25

This class is designed to give students an opportunity to use wood-working machines and tools to produce a product. Such machines are the table saw, radial arm saw, jointer, surface sander, band saw, lathe, and laser engraver. The project fee covers the cost of the first project. Students will select from a variety of projects to construct. **This class may be taken twice for credit.**

ADVANCED WOODS

TR Semester 1, 2 10,11,12
Block Credit: 4 hours per semester
Prerequisite: Woods and instructor approval
Project Fee: \$5

The advanced woods class is for students who want to spend more time on the construction of a fine woodworking project. Students can choose the project of their choice with instructor approval. Projects may include furniture, cabinets, and decorative pieces. Students must pay for the cost of materials to construct their project. **This class may be taken twice for credit.**



JOURNALISM

These courses earn Practical Arts Credit



PC SERVICING I (A+ CERTIFICATION)

MWF Semester 1 10,11
Credit: 3 hours per semester
Prerequisite: Instructor Approval

PC SERVICING II (A+ CERTIFICATION)

MWF Semester 2 10,11
Credit: 3 hours per semester
Prerequisite: PC Servicing I and Instructor approval.

PC Servicing (A+ Certification) is an industry-based curriculum that prepares a student to be an A+ Certified computer technician. Students learn about operating systems, hardware, networking, and wireless networks. This is the first class of the two-year program. **Students must register through ACTS for this class.**

PC TROUBLESHOOTING I (A+ CERTIFICATION)

TR Semester 1 11,12
Credit: 3 hours per semester
Prerequisite: Instructor Approval and PC Servicing I & II

PC TROUBLESHOOTING II (A+ CERTIFICATION)

TR Semester 2 11,12
Credit: 3 hours per semester
Prerequisite: PC Troubleshooting I

PC Troubleshooting (A+ Certification) is a continuation of PC Servicing, industry-based curriculum that prepares a student to be an A+ Certified computer technician. Students learn about operating systems, hardware, networking, and wireless networks. This is the second class of the two-year program. **Students must register through ACTS for this class**



WEB PAGE DESIGN I

TR Semester 1, 2 9,10,11,12
Credit: 2 hours per semester
Prerequisite: None

Students in Web Page Design learn HTML scripting and complete a personal web site using only HTML. Web ethics and copyright regulations are stressed as well as accuracy, proofreading and computer skills.

WEB PAGE DESIGN II

TR Semester 1, 2 9,10,11,12
Credit: 3 hours per semester
Prerequisite: Web Page Design I and instructor approval

Students build on their HTML skills as well as work with DreamWeaver software as they develop web pages for faculty, groups, organizations and competition. As part of Newspaper Journalism staff, this class also uploads the student newspaper and writes web stories.

DIGITAL PHOTOGRAPHY I PHOTOJOURNALISM

MWF Semester 1, 2 9,10,11,12
Credit: 3 hours per semester
Prerequisite: Students must have a digital camera and provide their own photo paper.
Lab Fee: \$20

Students work with digital cameras and learn to make computer adjustments to photos. Composition, lighting, capturing action, shooting for message, and creative interpretation will be covered. PhotoShop software will be used in the class. In addition to gaining lifelong photography skills, this class will prepare students for the demands of Yearbook Journalism, Newspaper Journalism and Video Production. Students will create a portfolio of their work.

DIGITAL PHOTOGRAPHY II PHOTOJOURNALISM

MWF Semester 1, 2 9,10,11,12
Credit: 3 hours per semester
Prerequisite: Students must have a digital camera and provide their own photo paper.
Lab Fee: \$20

Students continue to work with PhotoShop and learn new digital skills as well as how to shoot under difficult conditions and situations. They will also work in iMovie and DreamWeaver as mediums for photography. Students will create a photo web page and a calendar.

ART DEPARTMENT

Courses & Prerequisites

**Drawing I
Jewelry**

**Design I
Ceramics**



Prerequisite: None

Drawing II Prerequisite: Drawing I

Design II Prerequisite: Design I

Ceramics II Prerequisite: Ceramics I

Acrylic Printmaking **Watercolor Sculpture**

Prerequisites: Drawing I & Design I
or
Drawing I & Drawing II
or
Design I & Design II



Photography

Prerequisite: Drawing I or Design I

Studio

Prerequisites: Drawing I & Drawing II, and Design I & Design II, and instructor approval.

VISUAL ARTS DEPARTMENT

***All art classes with prerequisites must have a signature from one of the art teachers**

DESIGN I

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None
Fee: \$15.00

This is a foundation art class. The student will be exposed to a variety of art experiences. The elements of art and principles of design will be introduced. The course content will be covered primarily through "hands-on" projects. There will also be some time given to lectures and the sharing of art examples -- both student and professional work. Specific areas which may be explored are: drawing skills in graphite and prisma color, painting, printmaking, "paper cuts," repose, two and three dimensional design and art history.

DESIGN II

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: Design I
Fee: \$15.00

Art skills gained in previous art classes will be reinforced and expanded as students create more complex art works. Students will show their visual problem-solving skills in the areas of: drawing, painting, and 3D design. A variety of art media will be used, and students will learn to critique art work. The study of art history is incorporated into this course.



CERAMICS I

MWF Semester 1, 2 10, 11, 12
Credit: 3 hours per semester
Prerequisite: None
NOTE: 10th grade may take this class if space permits.
Fee: \$15.00

The student may expect to gain a working knowledge of the basic hand-building methods in **clay**: modeling coil and slab. Also, the student will acquire an acquaintance with "throwing" on the potters' wheel. Instruction will include basic knowledge of glazing and decorating techniques, and the firing processes. Students will be expected to use classroom volumes and magazines as resource materials. Throughout the course students will be encouraged to initiate their own ideas, and, to use ingenuity and creativity in the ideas and products they produce. After completing the course in Ceramics, the student should have adequate information and experience to continue Ceramics as an avocation. There will be a minimum charge of \$15 to help cover the cost of clay, glazes, and firing. A background in Art is helpful, although not required.

CERAMICS II

MWF Semester 1, 2 10, 11, 12
Credit: 3 hours per semester
Prerequisite: Ceramics I
NOTE: 10th grade may take this class only if space permits.
Fee: \$15.00

The student will have an expanded study of functional ceramic ware; it's design and construction. Sculptural forms will be examined and constructed. Individualized areas of interest will be focused on in either hand building or throwing or a combination of the two. Emphasis on refining craftsmanship in handling the medium is stressed. An individual character in design and style should start to develop as the student's abilities and expertise grow. The student should also develop a familiarity with the aspect of a studio atmosphere and a working pottery situation. There will be a minimum charge of \$15 to help cover the cost of the clay, glazes, and firing. A background in other high school art is helpful, although not required.



DRAWING I

MWF Semester 1, 2 9, 10, 11, 12
Credit: 3 hours per semester
Prerequisite: None
Fee: \$15.00

This is a **BASIC** course in drawing, and the student can expect to learn the essential steps in learning **how** to draw. The purpose of this course is to create the illusion of depth on a flat surface. A realistic effect is emphasized. Specific things which will be learned are: positive/negative drawing, contour line drawing, shading of forms, perspective. The elements of art and principles of design will be covered. Emphasis will be placed upon composition in drawing. During the semester the student will produce a portfolio of drawings. Students will develop a familiarity with a variety of mediums. Students may be asked to furnish a sketchbook and select materials.

DRAWING II

MWF Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: Drawing I
Fee: \$15.00

This is an **advanced** course in drawing with a continuation of techniques and styles explored in Drawing 1. Greater expectations will be placed upon the student in terms of the skill level, a willingness to experiment, level of commitment, and the use of creativity in "problem-solving." The student will be expected to create drawings during the semester that will illustrate his/her proficiency in these drawing and thinking skills. The Drawing 2 student should expect to produce several pieces of art work worthy of display. Students will furnish a sketchbook and select materials may be required.

JEWELRY

TR	Semester 1, 2	11, 12
	Credit:	2 hours per semester
	Prerequisite:	None
	Fee:	\$30.00

This class builds skills and confidence in design development and jewelry making. The student will complete at least four jewelry pieces during the semester, using conventional metal working techniques and materials, as well as creative, unusual materials and techniques necessary to make jewelry from them. Students will work with pewter, brass, copper and silver.

ACRYLIC PAINTING

MWF	Semester 1, 2	10, 11, 12
	Credit:	3 hours per semester
	Prerequisite:	Completion of Design 1 & Design 2 <u>OR</u> Drawing 1 & Drawing 2 <u>OR</u> Design 1 & Drawing 1
	Fee:	\$20.00

This course, even though a beginning painting course is **not designed for the beginning art student**. The student can expect to gain some basic knowledge in the manipulation of acrylic paints. At the outset design and composition will be reviewed, as well as color theory. Art history will be used to teach several painting styles and techniques. Students will learn the skill of stretching a canvas. Both group and individual instruction will be used, and both short-term and long-term assignments will be given. Students will be expected to participate in self-evaluation and in critiques where they analyze the work of other class members. The fee covers the cost of acrylics, wood framing, canvas, and other specialty items. Students are also required to furnish a sketchbook.

SCULPTURE

TR	Semester 1, 2	10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	Design 1 <u>OR</u> Drawing 1
	Fee:	\$15.00

In this course, the student may explore the following three-dimensional processes: construction, carving, and modeling. The student will work with both the additive and subtractive methods. Emphasis is placed upon developing skills and techniques within the experience of a variety of sculptural materials. Most materials for sculpture will be supplied, including such materials as wood, wire, stone, masonite, clay and metal. Experience in art would be helpful.

WATERCOLOR

MWF	Semester 1, 2	10, 11, 12
	Credit:	3 hours per semester
	Prerequisite:	Design 1 and Design 2 <u>OR</u> Drawing 1 and Drawing 2 <u>OR</u> Design 1 and Drawing 1
	Fee:	\$20.00

This class is designed for the student with some art background. In this class the student will learn a variety of techniques within a single medium . . . watercolor. Initially, the student will learn basic techniques which can be applied to multiple situations. Although techniques will largely be directed toward realism, some abstract and non-objective techniques will be learned.

Students will apply knowledge of color theory and composition. Students are required to furnish a sketchbook.

PRINTMAKING

MWF	Semester 1, 2	10, 11, 12
	Credit:	3 hours per semester
	Prerequisite:	Drawing 1 and Drawing 2 <u>OR</u> Design 1 and Drawing 1
	Fee:	\$20.00

Students will learn basic printmaking techniques: relief, silk-screen and monoprint. These will be taught through hands-on activities. Students will learn to use and apply traditional printmaking qualities including: how to create editions of prints and proper signing. Historic and aesthetic relevance of printmaking will be taught and innovation and creativity will be an integral part of the learning experience in this advanced class. A \$20.00 fee will be charged to help cover the cost of specialty equipment and high quality paper.

PHOTOGRAPHY

MF and T, W, or R	Semester 1, 2	10, 11, 12
	Credit:	3 hours per semester
	Prerequisite:	Must have own adjustable 35mm SLR camera and prior teacher approval, plus Drawing I or Design I.
	Fee:	\$100.00

Students will learn fundamentals of photography including how to use a camera, the processing of Black and White film, and the enlargement of prints. In addition to photography techniques, students will be creating and critiquing photos from an aesthetic viewpoint. The class meets two days per week for lectures and demos (M and F) with one additional day for labs (T, W or R). A \$100 fee will be charged to cover the film, paper and chemicals used.

STUDIO ART

MWF	Semester 1, 2	11, 12
	Credit:	3 hours per semester
	Prerequisite:	Design 1 and Design 2 <u>and</u> Drawing 1 and Drawing 2 <u>and</u> preapproval of instructor
	Fee:	\$20.00

This course is offered for the advanced art student. The purpose of the class is to allow the artist to explore a variety of ideas that are personally meaningful. The media choices are varied depending on what the artist wants to pursue. The sketchbook is used as a problem-solving tool. It is an important part of the artist's exploration process and will be one part of the course grade. Students consider what they want to work on and submit a plan which is approved by the teacher. Most students complete 2-3 long-term projects during the semester.

WORLD LANGUAGES

All world languages must be taken sequentially and are numbered according to the semester.

français



chinese

español

SEMESTER 1

French I French II French III French IV AP French

SEMESTER 2

French I French II French III French IV AP French

SEMESTER 1

Spanish I Spanish II Spanish III Spanish IV AP Spanish

SEMESTER 2

Spanish I Spanish II Spanish III Spanish IV AP Spanish

SEMESTER 1

Chinese 1

SEMESTER 2

Chinese 1

Mandarin Chinese I will primarily consist of learning about the culture of China. The speaking portion of the language will be taught at a basic level and will include common expressions and useful dialogues. Basic writing and listening skills will also be addressed. The class will be small and is by audition only.

WORLD LANGUAGE DEPARTMENT

Foreign language courses, with the exception of Latin, follow a method which concentrates on the four skills of language learning and on the development of cultural awareness. Students learn at each level of the language to recognize the foreign sounds (audio or listening skill), to reproduce these sounds in the spoken word (lingual or speaking skill), to comprehend these sounds in written symbols (reading), and reproduce them on paper (writing). Students of foreign language will also learn to recognize and be sensitive to the cultures associated with these languages. Emphasis on the four language skills and cultural awareness shifts progressively as the student advances to the upper levels of the language as the course descriptions below indicate.



Incoming 9th graders. It is encouraged that an incoming 9th grader who has received a “D” or an “F” in 8th grade English or is enrolled in Language Arts Basic Skills classes postpone taking an first level language class for one year until there is evidence of the student having developed stronger fundamentals of the English language.

FRENCH I-S1

MTWRF Semester 1 9, 10, 11, 12
 Credit: 5 hours per semester
 Prerequisite: None

FRENCH I-S2

MTWRF Semester 2 9, 10, 11, 12
 Credit: 5 hours per semester
 Prerequisite: French I-S1

This course is a study of the fundamentals of the French language, with emphasis on speaking and understanding. People, places, and culture of the French-speaking countries will be covered.

FRENCH II-S1

MWF Semester 1 9, 10, 11, 12
 Credit: 3 hours per semester
 Prerequisite: French I-S1 and S-2

FRENCH II-S2

MWF Semester 2 9, 10, 11, 12
 Credit: 3 hours per semester
 Prerequisite: French II-S1

This course is a continuation in the study of the fundamental of the French language. There is emphasis on speaking and appreciation of the culture of French-speaking countries.

FRENCH III -S1

MWF Semester 1 9, 10, 11, 12
 Credit: 3 hours per semester
 Prerequisite: French II-S1 and S2

This is an Advanced Level course. It includes the reading of selected short stories, essays, etc., with selected vocabulary. The readings are then discussed in the language. The course also includes practice in writing for accuracy and clarity. The culture of the French speaking cultures is covered in detail.



FRENCH III-S2

MWF Semester 2 9, 10, 11, 12
 Credit: 3 hours per semester
 Prerequisite: French III-S1

This course includes the reading of short stories and essays, with selected vocabulary and discussion in French, plus composition practice with emphasis on clarity and accuracy. French culture is discussed in greater depth.

FRENCH IV-S1

MWF Semester 1 9, 10, 11, 12
 Credit: 3 hours per semester
 Prerequisite: French III-S1 and S2

FRENCH IV-S2

MWF Semester 2 9, 10, 11, 12
 Credit: 3 hours per semester
 Prerequisite: French III-S1

This course covers study of the history and culture of France and continues practice aimed at fluency in reading, writing, and speaking French.

ADVANCED PLACEMENT FRENCH

MTWRF Semester 1, 2 11, 12
 Credit: 5 hours per semester
 Prerequisite: Teacher recommendation

The course in Advanced Placement Language covers the equivalent of a third-year college course in advanced composition and conversation. It stresses oral skills, composition, listening, and grammar. The course emphasizes the use of the foreign language for active communication. Books for this class are available for purchase and highly recommended.

AP FRENCH LITERATURE-S1

TR Semester 1 10, 11, 12
 Credit: 2
 Prerequisite: AP French Language

AP FRENCH LITERATURE-S2

TR Semester 2 10, 11, 12
 Credit: 2
 Prerequisite: AP French Literature, Semester 1

AP French Literature is a new class being offered only to those students who have completed AP Language. The class will cover several French novels, poems, and excerpts from celebrated authors. The purpose of the class is to expose students to authentic French literature and to teach them how to analyze and appreciate what they are reading. AP French Literature will be offered two days a week.

SPANISH I-S1

MTWRF Semester 1 9, 10, 11, 12
Credit: 5 hours per semester
Prerequisite: None

SPANISH I-S2

MTWRF Semester 2 9, 10, 11, 12
Credit: 5 hours per semester
Prerequisite: Spanish I-S1

This is a study of the fundamentals of the Spanish language, emphasizing the areas of listening, understanding and speaking. There is also an introduction to the culture of Spanish speaking countries.

SPANISH II-S1

MWF Semester 1 9, 10, 11, 12
Credit: 3 hours per semester
Prerequisite: Spanish I-S1 and S2

SPANISH II-S2

MWF Semester 2 9, 10, 11, 12
Credit: 3 hours per semester
Prerequisite: Spanish II-S1

This is a continuation of the study of the fundamentals, but in more detail and greater depth. There is also emphasis on the study of the Spanish culture.

SPANISH III-S1

MWF Semester 1 9, 10, 11, 12
Credit: 3 hours per semester
Prerequisite: Spanish II-S1 and S2

This is an Advanced Level course. It includes the reading of selected short stories, essays, etc., with selected vocabulary. The readings are then discussed in the language. The course also includes practice in writing for accuracy and clarity. The culture of the Spanish speaking cultures is covered in detail.

SPANISH III-S2

MWF Semester 2 9, 10, 11, 12
Credit: 3 hours per semester
Prerequisite: Spanish III-S1

This course includes the reading of selected short stories, essays, etc., with selected vocabulary, discussing them in the language, and practice in writing for accuracy and clarity. The culture of Spanish-speaking countries is covered in detail.

SPANISH IV-S1

MWF Semester 1 9, 10, 11, 12
Credit: 3 hours per semester
Prerequisite: Spanish III-S1 and S2

SPANISH IV-S2

MWF Semester 2 9, 10, 11, 12
Credit: 3 hours per semester
Prerequisite: Spanish IV-S1

This course covers a study of the history and cultures of the Spanish speaking world and stresses continued practice for conversational fluency in the Spanish language.

ADVANCED PLACEMENT SPANISH

MTWRF Semester 1, 2 11, 12
Credit: 5 hours per semester
Prerequisite: Spanish IV-S1 and S2 or teacher recommendation

This course in Advanced Placement Language covers the equivalent of a third-year college course in advanced composition and conversation. It stresses oral skills, composition, listening, and grammar. The course emphasizes the use of the foreign language for active communication. Books for this class are available for purchase and are highly recommended.

MANDARIN CHINESE I

TR Semester 1, 2 9, 10, 11, 12
Credit: 2 hours per semester
Prerequisite: None

This course will primarily consist of learning about the culture of China. The speaking portion of the language will be taught at a basic level and will include common expressions and useful dialogues. Basic writing and listening skills will also be addressed. The class will be small and is by audition only.

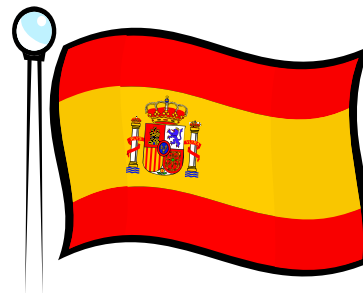
SIGN LANGUAGE I S1,S2

SIGN LANGUAGE II S1,S2

TR Semester 1, 2 11, 12
Credit: 2 hour per semester

This class is for elective credit only

This course is a sequential series of semester classes which follow a method concentrating on the four skills of language learning and on the development of cultural awareness of American Sign Language (ASL). Students will learn to recognize, reproduce, comprehend and put into written form, signs and sentence structures of ASL. Students will also learn to recognize and be sensitive to the Deaf culture which is associated with this vibrant and exciting language. Emphasis on the four language skills and cultural awareness shifts progressively as the student advances to the upper levels of the language. Each successive semester requires the previous class as a pre-requisite or instructor approval.



UNIQUE COURSE OFFERINGS

INDEPENDENT STUDY

Semester 1, 2 11, 12
Credit: 1, 2 hours per semester
Prerequisite: Teacher /Administrator Approval

Independent Study is designed to give the student an opportunity to supplement or enrich an area of interest. The student works independently, but is directly responsible to a teacher for assistance and guidance. **Independent Study applications are available in the guidance office.**

1. Independent Study may be pursued either in a course not offered in the curriculum or as an extension of an existing course. It cannot be used as a replacement for an existing course or as a substitute for work previously failed.
2. Independent Study may be pursued for 1 or 2 hours of credit per semester.
3. Independent Study Applications must be submitted to your counselor one week before spring registration materials are due. It must be concluded at least two weeks prior to the end of the semester.
4. A maximum of one Independent Study Contract will be permitted per semester.
5. Students may apply a total of 6 hours of Independent Study credit toward the hours needed for graduation.
6. Independent Study shall not be used as a substitute for work previously failed nor shall it apply towards the completion of any specific departmental graduation requirement except by department and administrative approval.

STUDENT ASSISTANT

Semester 1, 2 9, 10, 11, 12
Credit: 1, 2, or 3 hours per semester
(Pass/Fail)

Prerequisite: Teacher approval

Students who are interested in student assistantships should confer with the teacher they wish to assist. That teacher must sign the registration card. This includes DECA Assistant. The assistant prepares materials for classroom presentation, helps students during the class and performs other duties as assigned by the instructor. **The hours will not count toward meeting departmental requirements.**

STUDENT TEACHERS EDUCATIONAL PARTNERS (STEP)

Semester 1, 2 11, 12
Credit: 3, 4 or 5 hours per semester (Limit of 2 semesters - Pass/Fail)

Prerequisite: See counselor for application forms

The STEP program is for juniors and seniors who may be considering the teaching profession as a possible career. The upperclassmen work with a teacher in either an elementary or middle school in our District. The High School students assist the professional in the classroom and/or playground. Some examples of activities STEP students may do are: tutoring individual students, teaching a lesson, reviewing test questions, reading to a group, and helping with bulletin boards and other tasks as needed.

The amount of credit hours granted depends on the number of hours spent in the school each week. These credits are in the Elective category. A student may enroll in STEP for two semesters only.

Counselor and administrative approval is needed to participate.

ACADEMIC INTERNSHIP

Semester 1, 2 11, 12
Credit: 10 credit hours per semester
(Limit of 2 semesters)
Prerequisite: Have successfully completed or be concurrently enrolled in the Professional Employment Training (PET) program.

Requirement:

1. Be enrolled in a related academic class
 2. Related academic teacher referral.
 3. Must pass related class to receive Academic Internship credit.
- Academic Internship offers the opportunity to explore possible career interests while gaining career knowledge by participation in a work setting under the direction of a mentor. This includes job shadowing and/or internships/mentorship sites. The student will be credited a maximum of 300 hours (10 credits) per semester (limit of one semester).

The student must:

1. Be proficient in professional employment skills
2. Demonstrate maturity to perform in a work setting
3. Make application for a position to the Community Resource Facilitator
4. Submit records on a regular basis detailing hours and activities at the work site
5. Provide transportation to work site

See your counselor or Community Resource Facilitator for more information.

ACADEMIC SUPPORT

Semester 1,2 9, 10, 11, 12
Credit: 2, 3 hours per semester
(Required beyond grade level minimum.)

Prerequisite: Counselor Approval and demonstrated need

This comprehensive study support program is designed to provide academic assistance for students who need extra help. The program is facilitated by a coordinator, team of teachers and trained, competent National Honor Society peer tutors. Students will develop organizational skills, study skills and receive one-on-one tutoring and /or small group instruction. This elective course will benefit students who need extra time and instructional support during the school day to increase their understanding of a subject, to complete assignments and to develop study skills to ultimately improve their GPA. The Pass/Fail grade for this course is based on attendance, improved organizational skills, and work accomplished.

UNIQUE COURSE OFFERINGS CONTINUED

FOREIGN STUDY

10, 11, 12

Students who wish to participate in foreign study for enrichment rather than for credit can request that the foreign study program be noted on the activities portion of the high school transcript.

If a student wishes to receive high school credit for participation in foreign study, the student needs to receive approval from the Assistant Principal in charge of Instruction. The program of study must be comparable to what a student would typically do to receive high school credit. For example, 18 hours of classroom instruction equals one (1) semester hour of credit. All classes that are taught in English will receive the letter grade given. However, students may opt for pass/fail grading in classes that are taught in a language other than English. They need to make their option known to the foreign study school. Grades that are on the transcript from study abroad are the grades that will appear on their Arapahoe transcript.



*“My best friend is the one who
BRINGS OUT the best in me.”
Henry Ford*