

ARAPAHOE HIGH SCHOOL PATHFINDER 2017-2018



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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.

ARAPAHOE HIGH SCHOOL

VISION STATEMENT

A leading school where excellence and tradition meet innovation

MISSION STATEMENT

To provide: a community of collaborative learning, rich culture, and meaningful relationships that prepares each student for their future



CORE VALUES

- Embracing a growth mindset in which we learn from taking positive risks and failure and encourage perseverance
- Promoting cross-curricular learning
- Supporting the whole student: socially, emotionally, and intellectually
- Encouraging service to community
- Modeling Warriors always take care of one another
- Teaching rigorous curriculum that demands critical thinking and problem-solving
- Developing strong moral character
- Making decisions in the best interest of students
- Fostering lifelong learning
- Honoring and nurturing our relationship with the Arapaho Tribal Nation

Adopted 2016

INTRODUCTION TO OUR 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 scheduling system. The periods per week vary with the time demands of the course. For example: Western Civilizations meets Monday, Wednesday, and Friday for three periods every week; Chemistry Lab meets for two consecutive periods on Tuesday or Thursday for a total of two periods a week; Mythology meets on Tuesday and Thursday, two periods every week. Credit is awarded on a semester hour basis and the number of credits is equal to the number of class periods the class meets. Some benefits of the variable schedule are:

- Opportunities for contracted Independent Study (two credit hours maximum) to further enhance students' abilities to help their educational experiences to meet their unique needs, and to follow their particular passion.
- Opportunities for students to develop responsibility in decision-making and to take some control over their school day.
- Increased planning and preparation time for staff members. Littleton Public Schools has designated late start Wednesdays for teachers to meet in Professional Learning Communities (PLCs). This time will allow teachers to collaborate with a focus on improving student achievement, identifying essential learnings, and creating common course assessments.
- Time for teachers to meet, tutor, and plan with students on a one-on-one basis.

Arapahoe High School also offers a variety of amenities to assist students in their educational pursuits:

- Study carrels are available in library for intensive study.
- Computers are available for students to use during unscheduled time in the library, departmental labs, Study Center, as well as a wireless network for personal laptops throughout the building.
- Our cafeteria offers time for student relaxation, socialization, and study time.
- Our comprehensive/college preparatory curriculum allows every student the opportunity to prepare to be college ready.
- Wider range of educational experiences including core and elective subjects.
- A Guidance and Postgraduate Center for college/career search, planning, and support.
- Study Center for students to receive a "double dose" of certain academic units, as well as to learn and/or improve study strategies and test taking preparation.

ARAPAHOE HIGH SCHOOL GRADUATION REQUIREMENTS

MINIMUM GRADUATION REQUIREMENTS

General Requirement: Students must pass a minimum of 188 semester credits in grades 9-12. Most Arapahoe students far exceed these minimums.

- I. Language Arts** — 35 semester credits distributed as follows:
 - A. English 9 - S1 and S2
 - B. Integrated English 9/U.S. History - S1 and S2, or English 9: Honors -S1 and S2.
 - C. English 10 - S1 and S2 or Honors American Literature - S1 and S2.
 - D. Electives — remaining semester credits necessary to total 35 semester credits.
 - E. Alternate electives — Journalism classes qualify for elective credit, a maximum of three credits for successfully completing a third year of a 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 English 9/U.S. History - S1 and S2.
 - B. World Geography and Civilizations - S1 and S2 or Honors World Geography and Civilizations - S1 and S2.
 - C. Western Civilization - S1 and S2 or Honors Western Civilization - S1 and S2.
 - D. American Government or Advanced Placement American Government.
 - E. Economics or Advanced Placement Economics.
 - F. The remaining semester credits need to equal or exceed 30 credits, which means three additional elective credits.

- III. Mathematics** — 4 different semesters (8 semesters strongly recommended).

- IV. Science** — 4 different semesters of a lab based science (8 semesters strongly recommended).

- V. Fine Arts** — 6 semester credits selected from any one or a combination of the following: Visual Arts or Performing Arts.
 - A. Alternate Courses — Technology Studies and Public Speaking. *Beginning with the class of 2021, Technology Studies and Public Speaking will not qualify for Fine Arts credit.*

- VI. Practical Arts** — 6 semester credits distributed as follows:
 - A. Personal Finance is a graduation requirement beginning with the Class of 2020 - this requirement will be taken in the junior or senior year.
 - B. Other credits may be selected from one or a combination of the following: Business and Marketing Education, Journalism, Technology Education, Area Career Technical Education (ACTS), or Consumer and Family Sciences.
 - C. Alternate Courses - Stagecraft (Theatre).

- VII. Physical Education** — 12 semester credits distributed as follows:
 - A. One course in swimming or proficiency demonstrated by passing the swimming skills waiver test. (Completed in the ninth or tenth grade.)
 - B. Health in the eleventh grade.
 - C. Waiver - Beginning with the class of 2021, the following waiver policy will apply for Physical Education credit:
 - a. Students who successfully complete a season of LPS athletics sanctioned by the Colorado High School Activities Association (CHSAA) or Unified sports (student athletes) may receive a one-time, two credit-hour waiver equivalent to the semester credit requirement of a Physical Education course. This waiver does not reduce the total number of credits required for graduation and does not override the health and swimming requirements.
 - b. Marching band participants will receive the two-credit hour waiver upon completion of their fourth year; a marching band participant completing three years will receive a one-credit hour waiver. No waivers will be granted to students completing less than three years of marching band.

- 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. (Two years of the same World Language is strongly recommended.)

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 to Single Gender Class.

COLLEGE ENTRANCE AND CCHE REQUIREMENTS

Students who are planning to attend a four-year college or university should know 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 know that they will be evaluated, in general, on the types of courses they have taken, their grade point average, 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 do not count towards a college preparatory program for students wishing to gain admission to any four-year public institution in Colorado.**

The following college preparatory curriculum is recommended for students who plan to obtain a Bachelor's degree:

English -- 4 years

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

History and Social Studies -- 3 years

U.S. History, World Geography and Civilizations, Western Civilization, Government, and Economics.

Mathematics -- 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 -- 3 years

One year of Integrated Science and one year of Biology are minimum requirements. A year of either Chemistry or Physics, preferably both, is strongly recommended. Chemistry is required for students interested in health care fields. Physics is required for architecture and engineering.

World Languages -- Two to three years of a World Language is strongly recommended.

CCHE Information

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. (<http://highered.colorado.gov/cche.html>)

<u>MINIMUM</u> Colorado Commission on Higher Education Pre-Collegiate Curriculum Requirements as of February 2011		<u>MINIMUM</u> Arapahoe High School Graduation Requirements as of February 2011. State Legislation and LPS Board may alter these requirements	
	**Carnegie Credits		Arapahoe HS Credits
English	4 years	English	4 years (35 credits)
Math (Algebra I & higher)	4 years	Math	2-4 yrs (4 yrs strongly recommended)
Science	3 years	Science	2-4 yrs (3 yrs strongly recommended)
Social Studies	3 years	Social Studies	4 years (30 credits)
World Language	1 year	Physical Ed.	12 credits* (incl. Health & Swimming)
Other Academics	2 years	Fine Arts (Music, Art, Drama)	6 credits*
Total Required	17 years	Practical Arts	6 credits*
		Electives--2 years of the same World Language is highly recommended.	Remaining credits to total 188
**One year = 1 Carnegie Credit			TOTAL 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 3, 4, or 5 credit hour class equals one-half (.5) credit per semester and any 2 credit hour class equals one-fourth (.25) credit per semester. **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 coursework 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	
ENGLISH 35 minimum/4 years	English 9 - S1	English 10 - S1							
	English 9 - S2	English 10 - S2							
SOCIAL STUDIES 30 minimum/4 years	US History - S1	World Geo & Civil - S1	Western Civilization - S1	Economics					
	US History - S2	World Geo & Civil - S2	Western Civilization - S2	Government					
MATHEMATICS minimum = 4 different semesters recommended = 8 different semesters									
SCIENCE minimum = 4 different semesters recommended = 8 different semesters									
PRACTICAL ARTS 6 minimum - Tech. Ed., Business & Marketing, Family & Consumer Sciences, Career & Technical Education, & Journalism	Business Technology I is the graduation requirement for Class of 2017, 2018, 2019		Starting with the Class of 2020, Students will be required to take Personal Finance as a Junior or Senior						
FINE ARTS 6 minimum - Performing Arts, Visual Arts									
PHYSICAL EDUCATION 12 minimum									
ELECTIVES Remaining credits selected to total 188 Two years of World language is strongly recommended									
				Yearly Total					188

FOUNDATION OF KNOWLEDGE AND SKILLS

By completing required coursework, 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 acquisition of these skills and knowledge in these content areas are listed after each goal.

Any course which assesses these bodies of knowledge and skills satisfies the following 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, US History)
- Ability to access information through a variety of sources (English 9, English 10)
- 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 (World Geography and Civilizations)
- Understanding of the business environment and the impact that it has in every career (Business, Marketing)
- Knowledge of the cultural arts (fine arts credits)
- Knowledge of international relations (U. S. History)
- Knowledge of ecological concerns (Biology, Integrated Science)
- Knowledge of components of healthy lifestyle (Health)

Additional Goals

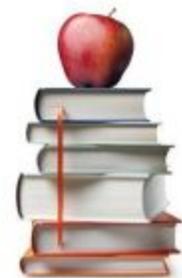
Certain educational goals are more difficult to define and assess, but because we value them, and because we believe society values them, we feel compelled to address them in our curriculum. While these goals will not be "graded" as such, and will not be required for graduation, we are committed to addressing 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.



GENERAL INFORMATION

At Arapahoe High School our goal is to prepare every student for success.

STUDENT COURSE LOAD

No student 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 credit hours per week is available. Below is the **recommended number** of credits that each student is to be enrolled in depending on their grade level:

	<u>Credits</u>
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. **Freshman** students will be provided a list of courses that they can request online. Following arena scheduling for the upperclassmen, their final schedules will be determined via the computer in Infinite Campus, our student database. Our scheduling processes enable students to make some decisions about their schedules; however, they **do not guarantee** that students will have the period or the teacher they request. Students are encouraged to make their class choices top priority rather than basing their 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 sizes and will do so, when possible, during the registration process. Students will usually get an elective course they desire 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, courses 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, student's grade level, student's ability level, high school graduation requirements, college admission requirements, career and college goals, and student/parent preferences.

SCHEDULE CHANGES

Schedule changes will only be made for academic misplacement and should be made within the first week of any given class. After 10 class days, students will receive a withdrawal/fail unless there are extenuating circumstances. Withdrawal/fail grades will be calculated in the GPA and remain on the transcript.

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

Opt-out applies to the Board-adopted curriculum and requires a parent request for nonparticipation. Students who wish to opt-out must demonstrate that they have a legitimate reason in order to be approved. Replacement of assignments/activities may or may not be provided at the administration/teacher discretion.

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.

SINGLE GENDER CLASSES

Single gender classes are popular and available throughout our course offerings for all grades. Placement is voluntary and students may opt-out of or opt-in to single gender classes.

INTERNET USAGE

Student use of the Internet is considered an essential instructional tool, thus it comes under the opt-out category. If a student/parent decides 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. 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. Because it is not feasible to disconnect school computers from the Internet, opting-out of Internet access will prohibit any computer access at school.



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 coursework 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 must be approved by the principal. It is the responsibility of the student to keep track of his/her progress. Counselors are available for support in schedule building and credit recovery.

GRADUATION WITH HONORS

1. The minimum grade point average necessary for graduation with Honors shall be 3.5. Decimal points will not be rounded up.
2. The minimum grade point average necessary for graduation with High Honors shall be 3.8. 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. The academic rigor is an essential component at a high school such as Arapahoe where we have an array of courses and are well-known for preparing our students for college. Occasionally, students will plan to 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 and the student. A full-year early graduation will not be approved. Students who transfer into Arapahoe during, or just prior to, their senior year cannot graduate early.

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 in May.

SENIOR TRANSFER STUDENTS AND AHS GRADUATION

Littleton Public Schools' policy states: "Students transferring to the District during their senior year shall not be awarded an LPS diploma until they have completed the necessary credits and/or outcomes."

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/credit taken elsewhere will count toward Arapahoe High School graduation.

CREDIT FROM OTHER SOURCES

Credit from correspondence courses, online 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 student's counselor. Once approval is granted, that course will be calculated into a student's GPA. The maximum number of credits taken online and outside of LPS that will count towards LPS graduation requirements is limited per LPS Board Policy.

Students will need to complete a form that is signed by the counselor and principal in order to take an online course. Please consult with your counselor **prior** to signing up for online courses.

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.

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 after all fees/fines have been paid and books/materials returned.

STANDARDIZED TESTING

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

Freshmen take CMAS in the spring. They also take MAP tests in reading and math in the fall and spring.

Sophomores take PSAT 10 in the spring. They also take MAP tests in reading and math in the fall and spring.

Juniors take CMAS Science and the state SAT in the spring and are highly encouraged to take the PSAT in the fall.

COLLEGE ENTRANCE EXAMS

Almost all colleges require some type of entrance test. College Board offers the SAT and SAT subject tests; the ACT 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 SAT in April. In addition, some colleges will require the SAT Subject 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 students take college entrance exams by the end of their junior year. Students should visit the Post Graduate Center for additional information concerning college entrance examinations. Study guides and test prep can be found in the Guidance Center.

College-bound juniors and sophomores should consider taking the Preliminary SAT (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 along with their workbook. The PSAT is the **ONLY** test used by the **National Merit Scholarship Program** to determine **Merit Semi-Finalists**.

In the spring, all sophomores take the PSAT10 designed for 10th grade students. The PSAT10 is another good practice test and a good



indicator of what the student might score on the SAT. It will also give students an idea of what areas they may need to improve.

CLASS RANK AND GRADE POINT AVERAGE (GPA)

Cumulative grade point average and class rank are reported by the Guidance Center each semester. 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 GPA. Career and Technical Education and Resource Room classes for students with special needs and learning disabilities are graded and included in the GPA 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 GPA, but do count for graduation credit. Pass/Fail courses that are failed, however, do count into GPA and therefore affect class rank.

Beginning with the class of 2019, students receiving a certificate of attendance will be excluded from the class rank and GPA calculations, and therefore, will not be eligible for honors designation. Students receiving a diploma with significant modification to the graduation credit distribution and standards (ex. Extended Evidence outcomes) in the core content areas will be excluded from the class rank and GPA calculations, and therefore, will not be eligible for honors designation.

Infinite Campus affords students and parents the ability to check grades at your convenience.

GRADING SYSTEM

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

WEIGHTED GRADING SYSTEM (A.P. ONLY)

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



RECOVERABILITY FOR FRESHMEN

N/C (no credit) will be applied to all courses taken in LPS and failed by freshmen. This procedure places a value on what students know and can do and not on past mistakes. The intent is to provide motivation for “starting new” after a poor freshman year and to provide an incentive to work towards graduation.

At the end of each semester, teachers will give grades, as they always do, including F's. All students, including freshmen, will receive report cards with the F's indicated. The freshmen F's will be converted administratively to N/C (no credit) after the report cards are printed and the N/C grades will not figure into the cumulative GPA. Required courses for which a student receives an “F” must be retaken and a passing grade obtained in order for the student to meet LPS graduation requirements.

Repeated courses can be taken online, in the building, or through summer school. Courses must be approved by a counselor or building administrator.

TRANSFER STUDENTS

If a student transfers out of LPS before graduating, all “No Credits” earned during the freshman year that had previously been “F's” will be converted back to “F's”. 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.

LEARNING SUPPORT SERVICES DEPARTMENT

Arapahoe High School has a team of specialists who work with students who have an identifiable disability. Students who are eligible for services for this program are in accordance with the guidelines established by the State Department of Education in compliance with the Individuals with Disabilities Education Act (IDEA).

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 Language Arts, Social Studies, and Mathematics. The student's standardized test scores, past performance in the subject, teacher recommendation, and the honors audition exam score are the basis for selection. Students may be moved in and out of these classes based upon performance, recommendations, and test scores. Honors classes are not weighted.

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 student's standardized test scores, past performance, teacher recommendations, and the A.P. audition exam. Typically, only students who have been in Honors courses are recommended for Advanced Placement. However, Honors courses are not always a prerequisite to 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, placement into an advanced college course, or both. Students are responsible for paying the necessary fees for these examinations, and colleges will determine the use of the scores for credit.

COLLEGE COURSES AND WEIGHTED GRADES

College courses taken by Arapahoe High School students **DO NOT** count as "weighted grades" unless they exceed Advanced Placement standards. Pre-approval is determined by the principal prior to course enrollment.

COURSE REPETITION

Audit - 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.

Failed Courses - any student may repeat a course in which he/she received an "F". The grade for the repeated course will be averaged with the previous mark and will be used in determining overall GPA. Repeated courses can be taken online, in the building, or through summer school. Courses must be approved by a building administrator.

Passed Courses - Courses taken and passed cannot be repeated for credit. Exceptions to this policy can only be granted by building administration. **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 Arapahoe Singers Choralettes Company Theatre Concert Band Concert Choir	DECA Store Design Projects Innovative Fitness Men's Choir Newspaper Journalism Orchestra Special Services Courses	Sports & Entertainment Marketing Stagecraft STEP Strength/Conditioning Student Assistant Studio Swimming	Symphonic Band Technology Studies Theatre Topics Video Production Weight Training Wind Ensemble Women's Choir Yearbook Journalism
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CONCURRENT ENROLLMENT

(State College and High School Credit)

Please stop by your Arapahoe High School's Guidance Counselors 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 Concurrent Enrollment. The courses must be applicable to high school graduation requirements and should be courses that are not offered at the high school unless it is because of a scheduling problem. Private music classes, physical education classes, and remedial classes (Classes below the 100 level) do not count for credit. Fall classes must be taken above the required high school class load of 22 hours minimum.



The school district will be financially responsible for one or two courses per academic term offered by the institution of higher education at the current rate of our community colleges. Students can receive approval to take more than two courses, but must pay the tuition for any course beyond two. Students must also pay the difference if a course cost is beyond the cost of the community college tuition costs. The school district will pay the tuition portion only; textbooks, fees, transportation, and other costs are the responsibility of the student/parent. If a student does not receive a grade of "C" or higher, he or she will be responsible for covering the cost of the entire course and must reimburse the district. All state higher education institutions are eligible to receive students under the Concurrent Enrollment plan.

If a student is anticipating attending college while enrolled in high school, the application needs to be completed by the date set in March for fall classes and by the date set in October for spring classes and submitted for building and district approval. Summer classes are not eligible under this plan. The application forms are available in the counseling office, along with an application contract, which also needs to be completed by the student.

At all institutions where 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. **Students who do not obtain a 'C' or better in their college classes must reimburse Littleton Public Schools for their tuition, or transcripts will be held until all obligations are paid.**

Further information on Concurrent Enrollment is available through your counselor or the assistant principal of instruction.

***** Please refer to departmental pages for Concurrent Enrollment courses offered at AHS. *****

NCAA REQUIREMENTS

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Divisions I and II Initial-Eligibility Requirements

Core Courses

- **NCAA Divisions I and II require 16 core courses.** See the charts below.
- **Beginning August 1, 2016, NCAA Division I will require 10 core courses** to be completed **prior to the seventh semester** (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become "locked in" at the start of the seventh semester and cannot be retaken for grade improvement.
 - *Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.*

Test Scores

- **Division I** uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- **Division II** requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- **Be sure** to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- **Division I** students enrolling full time **before August 1, 2016**, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- **Division I** GPA required to receive athletics aid and practice on or after August 1, 2016, is 2.000-2.299 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- **Division I** GPA required to be eligible for competition on or after August 1, 2016, is 2.300 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- **The Division II** core GPA requirement is a minimum of 2.000.
- Remember, the NCAA GPA is calculated using NCAA core courses only.

DIVISION I 16 Core Courses

- 4 years of English.
- 3 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 1 year of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

DIVISION II 16 Core Courses

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 3 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

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.

Sliding Scale A		
<i>Use for Division I prior to August 1, 2016</i>		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT	ACT Sum
<i>Verbal and Math ONLY</i>		
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

Sliding Scale B		
<i>Use for Division I beginning August 1, 2016</i>		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT	ACT Sum
<i>Verbal and Math ONLY</i>		
3.550	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	60
2.700	740	61
2.675	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	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.299	910	76
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	81
2.125	970	82
2.100	980	83
2.075	990	84
2.050	1000	85
2.025	1010	86
2.000	1020	86

“In 2014–2015 Arapahoe had 25 Scholar-Athletes sign Athletic Scholarships”

BUSINESS & MARKETING EDUCATION

Impressive credentials on college applications and resumes!

Marketing

- Marketing (Full year)
- Advanced Marketing (Concurrent Enrollment)
- Sports & Entertainment Marketing (Full year)

Business Technology

- Business Technology I
- Advanced Business Technology 2

General Business

- Business/Marketing Principles
- Introduction To Business (Concurrent Enrollment)

Finance

- Personal Finance
- Accounting

Concurrent Enrollment Courses (Free College Credit!)

- Introduction to Business
- Advanced Marketing
- Personal Finance

Careers

- Career Connections
- Community Employment Experience (CEE)
- Professional Employment Training (PET)

Benefits of Joining a Business Club

District, State, and National Competitions

Leadership Skills

Community Service

Social Activities

National Business Honor Society



Show colleges and employers that you have excelled in your business classes! Available for Juniors and Seniors with an overall GPA 3.0 and 3.5 in 3 of their business classes.



An association for Marketing Students.



Future Business Leaders of America
May join as a freshman and no course
requirement

Concurrent Enrollment

Receive both College & High School Credit for Business and Marketing Courses

ACC Credit: BUS 115 Introduction to Business

3 Credits

'What is business?' This course will investigate the business functions of human resource management, accounting and finance, and marketing. Business structures, cultures and functions are identified and the political, social, economic, technological and ethical considerations affecting business are introduced. There will be hands on applications of what we learn and guest speakers for the different aspects of business.

ACC Credit: MKT 216 Principles of Marketing (Adv. Marketing) 3 Credits

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 will have the opportunity to do some market research of your own for a local company and then develop a promotion accordingly.

ACC Credit: BUS 116 Personal Finance

Surveys the basic personal financial needs of most individuals. Emphasizes the basics of budgeting and buying, saving and borrowing money, the intricacies of home ownership, income tax and investments and the wise use of insurance, wills and trusts.

Benefits:

- **Finish college sooner!**
- **Classes offered conveniently during the regular high school day**
- **Earn college credit without leaving the high school campus**
- **College-level courses**
- **College-level instructors**
- **FREE!**



All of our courses are based on the National Industry Standards and the Colorado Academic Standards

BUSINESS AND MARKETING EDUCATION DEPARTMENT

CONCURRENT ENROLLMENT

INTRODUCTION TO BUSINESS-BUS 115

MWF	Semester 1 or 2	11, 12
Credit:	3 hours of high school and college credit	
Prerequisite:	Must sign up for the College Opportunity Fund. Must apply to Arapahoe Community College to receive college credit and pass the class	
Fee:	Cost of textbook. Free class paid by the College Opportunity Fund	

'What is business?' This course will investigate the business functions of human resource management, accounting and finance, and marketing. Business structures, cultures and functions are identified and the political, social, economic, technological and ethical considerations affecting business are introduced. There will be hands on applications of what we learn and guest speakers for the different aspects of business.

ADVANCED MARKETING (DECA)

PRINCIPLES OF MARKETING - MKT 216

MWF	Semester 1 & 2	11, 12
	FULL YEAR	
Credit:	3 hours of high school and college credit	
Prerequisite:	Must have completed two semesters successfully of Marketing to enroll in Principles of Marketing. Students <u>must complete</u> both semesters for college credit. Must sign up for College Opportunity Fund and apply to Arapahoe Community College.	



What makes consumers buy? Consumers are becoming wiser and marketers must continue to keep up with current trends in buyer behavior.. This course is designed to introduce students to the world of market research and its increasing importance in our competitive marketplace. You will have the opportunity to conduct your own market research and design a promotional plan for a local business. This course is largely project based and allows students to apply concepts learned in Marketing 1.

Marketing 1 is a prerequisite for Advanced Marketing, which offers high school and college credit simultaneously. Only students enrolled in Marketing classes may participate in DECA (An Association of Marketing Students). DECA members will have many opportunities to participate in competitive business events, develop leadership skills, work on community service projects, and enjoy various social activities. Upon meeting required criteria, students can also earn a letter in DECA

PERSONAL FINANCE-BUS 116

MWF	Semester 1 or 2	11, 12
Credit:	3 hours	
Prerequisite:	Must sign up for College Opportunity Fund. Must apply to Arapahoe Community College to receive college credit.	
Fee:	Cost of textbook. Free class paid by the College Opportunity Fund	

Did you know that high school seniors nationwide 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.

This course is designed to help students develop the ability to make wise financial decisions by recognizing, understanding and comparing the alternatives facing them as consumers. Topics include: goal setting, earning a paycheck, taxes, banking, using credit, renting an apartment, buying a home, purchasing a car, choosing insurance, paying for college, saving and investing, and planning for retirement. Course units align and integrate with Colorado Financial Literacy Standards.

Students are encouraged to participate in Future Business Leaders of America (FBLA) and its competitions related to this class.

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

FINANCIAL

PERSONAL FINANCE (Will be required in 11th or 12th grade beginning with the class of 2020)

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

Did you know that high school seniors nationwide 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.

This course is designed to help students develop the ability to make wise financial decisions by recognizing, understanding and comparing the alternatives facing them as consumers. Topics include: goal setting, earning a paycheck, taxes, banking, using credit, renting an apartment, buying a home, purchasing a car, choosing insurance, paying for college, saving and investing, and planning for retirement. Course units align and integrate with Colorado Financial Literacy Standards.

Students are encouraged to participate in Future Business Leaders of America (FBLA) and its competitions related to this class.



GENERAL BUSINESS

BUSINESS/MARKETING PRINCIPLES

MWF or TH Semester 1 or 2 9, 10
Credit: 3 hours
Prerequisite: None

Explore the world of Business! This course will serve as a background for other business courses you may take in high school. Students will have the opportunity to explore different aspects of business including types of businesses, management, marketing, accounting and entrepreneurship. At the end of the semester students will be able to apply their newly acquired business knowledge by completing the Virtual Business Restaurant Simulation. Through this simulation students will apply what they have learned to create and run a successful restaurant.

CAREER PREPARATION

CAREER CONNECTIONS

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

What do you want to do after high school? Here is the opportunity to learn about job and career possibilities of interest to you. You will explore 16 Career Clusters to help you connect what you learn in school--and what you already know—with the knowledge and skills you will need to be successful. Post-secondary opportunities will also be identified and explored.

PROFESSIONAL EMPLOYMENT TRAINING (PET)

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

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

Do you have the employability and workplace skills that employers want? Through successful employment in the community, you will have the opportunity to develop your employability and workplace skills, gain employment experience, and explore your career interests.

Course Requirements:

1. Have completed or be concurrently enrolled in Professional Employment Training (PET).
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 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. Total work hours needed must be obtained to pass this class.
5. Enrollment in CEE is limited to 2 semesters.

TECHNOLOGY

BUSINESS TECHNOLOGY I

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



Do you have a love/hate relationship with your computer? Do you wish you could reduce the time you spend on homework and projects? High school and college students, as well as members of the workforce, are expected to not only operate a computer, but to be skilled in how to create professional looking documents and presentations.

Are you interested in a career in business, digital design, the media, or advertising? Business Technology 1 is the course for you! The ability to use technology to access and create information is a vital skill in the business world. This course will teach you how to use Microsoft Office-Word, Excel, Powerpoint and Access. This course will also refine your knowledge of Google Documents. Skills that you will learn in this course can help you in school and the workplace.

You will be focusing on these three essential learnings throughout this course:

1. Communication: Students will be able to communicate their message effectively to the intended audience using business technology.
2. Software: Students will problem solve within given software programs and utilize the appropriate tools to complete the projects.
3. Web Literacy: Students will research and identify web tools that will enable them to effectively communicate and constantly adapt.

Students are encouraged to participate in Future Business Leaders of America (FBLA) and its competitions related to this class.

ADVANCED BUSINESS TECHNOLOGY 2

TR Semester 1 or 2 9, 10, 11, 12
Credit: 2 hours
Prerequisite: Business Technology I

Take your business and technology skills to the next level. Prepare yourself for college and your future.

Continue to develop and advance your skills in word processing, spreadsheet, presentation, and Internet applications in a unique project based setting. This setting will focus on challenging you to integrate advanced technology skills and your knowledge of business concepts to produce professional documents.

You will be presented with real world business situations and develop critical thinking skills to combine your technology abilities and business knowledge to develop a finished project that most efficiently and effectively addresses the needs of the task at hand.

If you have a desire to learn how to use your technology skills as a communication tool to help you succeed in all facets of your life, including academically, personally and professionally, then this is the class for you!

Students are encouraged to participate in Future Business Leaders of America (FBLA) and its competitions related to this class.

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
FULL YEAR
Credit: 2 hours
Prerequisite: Students must complete S1 to enroll in S2..

Business is one of the most popular majors in U.S. colleges today. This course gives students a great opportunity to experience an introduction to the world of business and marketing before it's time to choose a college major! Even if you are not planning to pursue Business as a career, everyone can benefit from being an informed consumer. In this course, students will learn marketing basics, economics of the consumer world, and the world of sales. Students will also explore the world of advertising and sales promotion and the creative ways that businesses communicate with their potential customers.

Only students enrolled in Marketing classes may participate in DECA (An Association of Marketing Students). DECA members will have many opportunities to participate in competitive business events, develop leadership skills, work on community service projects, and enjoy various social activities. Upon meeting required criteria, students can also earn a letter in DECA.

SPORTS & ENTERTAINMENT MARKETING

MWF Semester 1 & 2 10, 11, 12
FULL YEAR
Credit: 3 hours
Prerequisite: Marketing S1 & S2

Semester 1: Sports Marketing Focus

Do you love sports? Have you ever wondered what goes on behind the scenes of a major sporting event? Then Sports Marketing is the course for you. This course will help you develop a thorough understanding of the marketing concepts and theories that apply specifically to the sports industry. Emphasis is placed on the different types of sports products/services available, how such products are priced and promoted, and the role of branding, imaging and licensing.

Throughout the semester students will be participating in the Virtual Business Sports Simulation. Through this simulation students will learn what it takes to create and run a successful football franchise.

Semester 2: Entertainment Marketing Focus

Are you fascinated by the electrifying world of entertainment? Well, this is your opportunity to dive into the diverse and exciting industry of Entertainment Marketing. In this course students will learn about the different types of entertainment businesses, the products and services that correspond to each, and how to price and promote such large-scale events as movie premieres, concerts, and theatrical productions.

During the semester students will apply the concepts learned in class and gain hands-on experience by planning and promoting an entertainment-related event.

Students enrolled in Marketing are encouraged to be a 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."

ADVANCED MARKETING (DECA)

PRINCIPLES OF MARKETING - MKT 216

MWF Semester 1 & 2 11, 12
FULL YEAR
Credit: 3 hours of high school and college credit
Prerequisite: Must have completed two semesters successfully of Marketing to enroll in Principles of Marketing. Students must complete both semesters for college credit. Must sign up for College Opportunity Fund and apply to Arapahoe Community College.

What makes consumers buy? Consumers are becoming wiser and marketers must continue to keep up with current trends in buyer behavior.. This course is designed to introduce students to the world of market research and its increasing importance in our competitive marketplace. You will have the opportunity to conduct your own market research and design a promotional plan for a local business. This course is largely project based and allows students to apply concepts learned in Marketing 1.

Marketing 1 is a prerequisite for Advanced Marketing, which offers high school and college credit simultaneously. Only students enrolled in Marketing classes may participate in DECA (An Association of Marketing Students). DECA members will have many opportunities to participate in competitive business events, develop leadership skills, work on community service projects, and enjoy various social activities. Upon meeting required criteria, students can also earn a letter in DECA.

DECA STORE (RETAIL LAB)_(repeatable course)

MWF Semester 1, 2 10, 11, 12
or Credit: 1, 2 or 3 hours
TR Prerequisite: Must be approved through an application process.

Not enough 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.

FAMILY AND CONSUMER SCIENCES

CULINARY ESSENTIALS I

TR Semester 1 or 2 10, 11, 12
Credit: 2 hours
Prerequisite: None
Fee: \$20.00

Do you like food? Well this is your opportunity to prepare and consume the very best! This class is an introduction to the world of culinary arts. You will experience a combination of formal instruction, food preparation labs, and demonstrations. The focus for the semester will be on culinary cooking techniques as it applies to the home cook and the professional cook; up-to-date nutrition geared to preparing meals and snacks that will support optimal health; an introduction to baking and pastry; and career opportunities. Topics will include: eating for health; basic knife skills; emphasis on cooking techniques that are quick, healthy, cost effective and tasty; moist and dry cooking techniques; planning, costing, and preparing a catered meal; and basic dining service. This class is fast paced and hands on, with the goal for you to become a competent cook with the knowledge and skills to prepare great meals you can enjoy with family and friends. This course aligns with Colorado academic standards and national industry standards for reading, writing, and communication.

CULINARY PATHWAYS

TR Semester 1 or 2 10, 11, 12 (This class meets during 5th and 6th period on both Tuesday and Thursday)
Credit: 4 hours
Prerequisite: Culinary Essentials is **not** a requirement for Culinary Pathways. For the student interested in a post high school culinary education, both courses are recommended.
Fee: \$40.00

This course is designed to broaden and deepen your experience in the culinary arts and introduce you to the career pathways that the culinary arts provide, specifically the exciting world of catering. The two period block will allow students to learn and prepare a large variety of dishes with a focus on French technique. The class will include: nutrition and meal preparation to support health, knife skills, cooking with proteins, starches, vegetables, fruits, baking and pastry techniques, garnishes, cultural cooking with an emphasis on old and new world cuisines including: French, Italian, Asian, and the Americas. Costing and preparing a catered meal, industry standards for safety and sanitation and career opportunities in the food industry will also be emphasized. This course aligns with Colorado academic standards and national industry standards for reading, writing, and communication. Students are encouraged to participate in Family, Career, and Community Leaders of America (FCCLA) and competitions related to the culinary classes.

LANGUAGE ARTS DEPARTMENT

Required Classes

FRESHMEN YEAR

English 9 S1 & S2 (9th)

(Honors*, Integrated, and Single Gender Classes are available)

*Inclusion in Honors is based on teacher recommendations, grades, and test scores.



SOPHOMORE YEAR

English 10 S1 & S2 (10th)

(Single Gender Classes are available)

OR

Honors American Literature S1 & S2 (10th)

*Honors students may remain in the program based on their performance and teacher recommendation.

Students in English 9 or Integrated, English 10, and American Literature may audition for Honors.



JUNIOR YEAR

American Literature S1 & S2 (11th)

*If you previously took Honors American Literature, you can take any of the following:

A.P. English Language OR A.P. English Literature S1 & S2 (11th)

OR

English Literature S1 & S2 (11th)

OR

Concurrent Enrollment Elective (11th)



SENIOR YEAR

English Literature S1 & S2 (12th)

*If you previously took English Literature, you can take any of the following:

World Literature S1 & S2 (12th)

OR

Concurrent Enrollment Elective (12th)

OR

A.P. English Language OR A.P. English Literature S1 & S2 (12th)

Concurrent Enrollment

Receive both College & High School Credit for Language Arts Courses

ACC Credit: ENG 121 Composition I (College Composition) 3 Credits

Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing. This is a Statewide Guaranteed Transfer course. This class provides college credit while at Arapahoe.

ACC Credit:LIT 115 Introduction to Literature 3 Credits

Introduces students to fiction, poetry, and drama. Emphasizes active, responsive reading, and focuses on an in-depth discussion of literature. This course includes several literary essays that analyze and synthesize ideas. This is a Statewide Guaranteed Transfer course. Gain college credit while at Arapahoe with this class.

ACC Credit:HUM 123 Humanities: The Modern World 3 Credits

How did we get here? Where are we going? This humanities course explores the most important thinkers, explores, musicians, emperors, poets, freedom-fighters, fascists, revolutionaries, slaves, photographers, communists, sculptors, impressionists, novelists, architects, capitalists, cubists, beats, and existentialists who will help us understand our current world and where we may be heading. We will celebrate and analyze the genius of humanity. This course will emphasize discussion, presentation, critical thinking, writing, reflection, and other crucial skills to help you transition into college. In addition, this course earns you college credit at ACC, but is also a Statewide Guaranteed Transfer course for any college in Colorado.

Benefits:

- **Finish college sooner!**
- **Classes offered conveniently during the regular high school day**
- **Earn college credit without leaving the high school campus**
- **College-level courses**
- **College-level instructors**
- **FREE!**



LANGUAGE ARTS DEPARTMENT

CONCURRENT ENROLLMENT COURSES

(Available for both High School and College Credit)

COLLEGE COMPOSITION

ACC credit: ENG 121 Composition I

MWF	Semester 1 or 2	11, 12
	Credit:	3 hours
	Prerequisite:	Accuplacer or ACT Score Must sign up for College Opportunity Fund. Must apply to Arapahoe Community College. Update College in Colorado – Postsecondary Goal
	Fee:	Cost of textbook

Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing. This is a Statewide Guaranteed Transfer course. This class provides college credit while at Arapahoe.

INTRODUCTION TO LITERATURE

ACC credit: LIT 115 Introduction to Literature

MWF	Semester 1 or 2	11, 12
	Credit:	3 hours
	Prerequisite:	Accuplacer or ACT Score Must sign up for College Opportunity Fund. Must apply to Arapahoe Community College. Update College in Colorado – Postsecondary Goal
	Fee:	Cost of textbook

Introduces students to fiction, poetry, and drama. Emphasizes active, responsive reading, and focuses on an in-depth discussion of literature. This course includes several literary essays that analyze and synthesize ideas. This is a Statewide Guaranteed Transfer course. Gain college credit while at Arapahoe with this class.

HUMANITIES

ACC credit: HUM 123 Humanities

MWF	Semester 1 or 2	11, 12
	Credit:	3 hours
	Prerequisite:	Accuplacer or ACT Score Must sign up for College Opportunity Fund. Must apply to Arapahoe Community College. Update College in Colorado – Postsecondary Goal
	Fee:	Cost of textbook

How did we get here? Where are we going? This humanities course explores the most important thinkers, explorers, musicians, emperors, poets, freedom-fighters, fascists, revolutionaries, slaves, photographers, communists, sculptors, impressionists, novelists, architects, capitalists, cubists, beats, and existentialists who will help us understand our current world and where we may be heading. We will celebrate and analyze the genius of humanity. This course will emphasize discussion, presentation, critical thinking, writing, reflection, and other crucial skills to help you transition into college. In addition, this course earns you college credit at ACC, but is also a Statewide Guaranteed Transfer course for any college in Colorado.

ENGLISH 9

MTWRF	Semester 1&2	9
	Credit:	5 hours per semester
	Prerequisite:	None

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 effectively in written and oral formats. Successful completion of this course prepares students for success in English 10 and English electives.

Single-gender English 9 offering:

This class focuses on strengths of one gender, based on research and teacher/student feedback. Benefits to students include improved writing skills, higher grades, and class camaraderie. It is recommended to take this course all year to have the most impact.

INTEGRATED U.S. HISTORY/ENGLISH 9

MTWRF Semester 1 & 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. The course focuses 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

MTWRF Semester 1 & 2 10
Credit: 5 hours per semester
Prerequisite: None

This course emphasizes practice and application of the four basic areas of communication: reading, writing, speaking, and listening/viewing. This course moves through a variety of literature, skills, and knowledge at a more advanced level than English 9 and helps students refine and enhance communication 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, literary, and comparative multi-paragraph essays. Editing and proofreading at this level emphasize refinement of ideas as well as more sophisticated word choice and sentence structure. Students use persuasive techniques while speaking and writing. Successful completion of this program provides a foundation for vocational or college preparatory courses.

Single-gender English 10 offering:

This class focuses on strengths of one gender, based on research and teacher/student feedback. Benefits to students include improved writing skills, higher grades, and class camaraderie. It is recommended to take this course all year to have the most impact.

AMERICAN LITERATURE

MWF Semester 1&2 11, 12
Credit: 3 hours per semester
Prerequisite: Recommended for students who have a grade of C or above in previous English class. 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, nonfiction, and plays by American authors; teachers cover the most significant American authors from each literary time period. The courses stress analytical reading, class discussion, development and refinement of the multi-paragraph literary essay, and the importance of speaking and listening. Students can expect to write several essays with the emphasis on strong thesis statements. Students will be required to read and annotate numerous literary selections. Teachers desire to improve and refine critical reading and writing skills necessary for college. Students should try to take both semesters from the same teacher.

ENGLISH LITERATURE

MWF Semester 1&2 11, 12
Credit: 3 hours per semester
Prerequisite: Recommended for students with a grade of C or above in American Literature. Not recommended for students with a D or F.

English Literature is recommended for college-bound students. English Literature 1 concerns mainly pre-twentieth century literature, while English Literature 2 focuses primarily on twentieth century literature. English Literature 1 follows the historical approach, with representative works including *Beowulf*, *The Canterbury Tales*, and *Hamlet*. Modern selections may be added to compare the hero concept to contemporary literature. This class also includes selections such as *Oedipus Rex* and Dante's *Inferno*. English Literature 2 includes satire, comedy, poetic interpretation, and other diverse literary forms. Works studied include *Brave New World*, *Much Ado About Nothing*, *The Picture of Dorian Gray*, and *The Importance of Being Earnest*. Both classes are college preparatory courses which focus on writing and critical thinking. Students should try to take both semesters from the same teacher.

WORLD LITERATURE

MWF Semester 1&2 11, 12
Credit: 3 hours per semester
Prerequisite: Recommended for students with a grade of C or above in American or English Literature. Not recommended for students with a D or F.

World Literature jumps out of the typical "western" reading material and into the exotic lands of India, China, ancient Mesopotamia, Cambodia, Africa, Russia, the Middle East, France and Germany. Semester one focuses more on ancient writings that establish the cultural

and spiritual foundations of these cultures, while semester two looks at more modern works that follow up on the first semester. Both semesters generally will include an “Exploratory Project” that allows students choose a country and culture they’d like to explore, and do multiple projects associated with that country. As a college preparatory course, our class will operate in a “seminar” style, emphasizing lots of entertaining class discussion as we explore big questions about humanity and how different cultures make life meaningful. This class discussion will generate much of our material for projects, exams, and essays. If you’re tired of the same old stuff, and ready to dig into some strange and challenging ideas that will prepare you for college and stretch your mind, this is your course. Students should try to take both semesters from the same teacher. It is not recommended that you come in mid-year.

HONORS CLASSES

***Teacher/Counselor approval, high standardized test scores, excellent classroom achievement, and test or admissions essays are required for enrollment in English 9 Honors, American Literature Honors, and Advanced Placement English Language or Literature.**

***ENGLISH 9: HONORS**

MTWRF Semester 1&2 9
Credit: 5 hours per semester
Prerequisite: English teacher recommendation and counselor approval

This course is designed for the advanced student who is mature, intellectually motivated, and demonstrates higher 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 and critical analysis in written and verbal expression. Furthermore, students demonstrate their learning through synthesis writing of various literary genres, the use of the latest technology, and interpretation of sophisticated reading materials.

***AMERICAN LITERATURE: HONORS**

MTWRF Semester 1&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*, *Walden*, *The Great Gatsby*, 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 or refined include techniques in interpretation of literature, critical thinking, technological proficiency, classroom discussion, semantics, writing, vocabulary, listening, speaking, and independent learning. Students may expect to be assessed in a variety of ways and to write prolifically. An independent study project is part of the reading and writing expectation.

***ADVANCED PLACEMENT ENGLISH LANGUAGE & COMPOSITION**

MTWRF Semester 1&2 11, 12
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 and 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 or seniors who qualify with these 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**

MTWRF Semester 1, 2 11, 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.)

CONTEMPORARY NOVELS

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

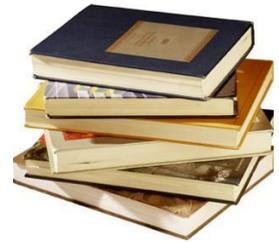
Drawing on a variety of distinguished fiction, drama, poetry, and nonfiction, plus highlighting the features of each form, this course will give students an opportunity to identify, compare, and contrast the values, characteristics, problems, and pressures of works which are part of our common heritage 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 refined facility.

This class is a good alternative to American Literature.

CREATIVE WRITING

TR Semester 1 or 2 10, 11, 12
or Credit: 2 or 3 hours per semester
MWF 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 nondirected 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. Students may take this course once.



ELEMENTS OF COMPOSITION

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

Elements of Composition is a laptop course which focuses on improving writing skills and developing an individual style. The course teaches the process of writing from prewriting 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. The class focuses on personal experiences; we use those experiences as a vehicle to explore various styles including expository, informative, argumentative, and narrative. Students may take this course once for Language Arts credit and may repeat it for elective credit. Recommended for college-bound students as well as students who need additional support in American, English, or World Literature.

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

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.



GREEK MYTHOLOGY

TR Semester 1 or 2 10, 11, 12
Credit: 2 or 3 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. Technological tools, 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.

MYSTERY LITERATURE

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

Whodunit? Read murder mysteries while matching your wits against famous fictional detectives such as Sherlock Holmes, Auguste Dupin, and Philip Marlowe. Follow the development of the mystery story from Poe's "The Murders in the Rue Morgue" to the present day. Read about amateur detectives, tough-guy private investigators, and police crime specialists, as told by Agatha Christie and Sir Arthur Conan Doyle, and modern authors such as Harlan Coben, Jeffery Deaver, and Michael Connelly.

PLAINS INDIAN CULTURES THROUGH STORY

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

This two credit elective (offered Spring semester) provides a relevant extension of Arapahoe's unique and valued relationship with the Northern Arapaho tribe. Using the text, *Arapaho Journeys : Photographs and Stories from the Wind River Reservation* along with N. Scott Momaday's three-voiced memoir, *The Way to Rainy Mountain*, the class will expose students to the traditional as well as contemporary aspects of Plains Indian cultures. Guest speakers/teachers/storytellers will aid in our increased understanding of the historical, artistic, and linguistic aspects of these cultures. In addition, cross-cultural training will be provided so as to better prepare students for the biannual trip to Wind River Reservation.

POETRY

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

This course is designed to increase knowledge of poetic devices and terminology 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 savored for its message. Several foundations of this class are: oral presentations, sharing ideas, and writing. We will discuss various ways to analyze poetry as well as ways to find inspiration for your own writing. Students may only take this course once.

POETRY: SPOKEN WORD

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

This course encourages students to explore the well established and rapidly growing culture of spoken word or "slam" poetry. The Denver Metro Area boasts one of the most vibrant spoken word scenes in the country, and this course taps into local resources to bring students live poetry performances and workshops to help them gain a deeper understand and appreciation of this art form. During this process, students will study the forms and structures of poetry and consider the contexts and circumstances from which powerful poetic messages emerge. This course will require extensive class participation including but not limited to participation in reflective writing exercises, oral

presentations of original poems, and active contribution to group discussions and workshops. Students may take this course once.

SCIENCE FICTION

MWF Semester 1 or 2 9, 10, 11, 12
Credit: 2 or 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.

SHAKESPEARE

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

This course offers the student an opportunity to study several Shakespearean plays besides the usual tragedy genre offered in other Language Arts classes. Students in Shakespeare 1 typically read *Othello*, *Richard III*, and *Much Ado about Nothing*, a tragedy, history and comedy, 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.



SPELLING AND VOCABULARY

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

This course intends to increase the student's command of English vocabulary through the study of its Latin and Greek roots. Spelling and SAT/ACT verbal practice are included. We apply learned vocabulary through occasional writing. This course is recommended for college-bound students and students who need additional reading and writing support. **This course is not offered every semester. Please check with department chair.**

WORLD MYTHOLOGY

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

This mythology course will take a 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 create their own myths, make presentations, and write analytical papers, as well as take regular exams.



WRITING THROUGH FILM A

TR Semester 1 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.

WRITING THROUGH FILM B

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

Same structure as Writing Through Film A, but with a different selection of films. Students do not need to take Writing Through Film A before taking this course.

READING

READING STRATEGIES

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

This course is designed for students who have little or no difficulty in reading grade-level materials. Through examples, practice, and application, students will learn to utilize strategies employed by successful readers. Skills addressed will include various comprehension strategies, refining critical thinking skills, metacognitive processes, improving comprehension across curriculum disciplines, and types of text.



SPEECH

PUBLIC SPEAKING

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

This course is designed not only to help students develop presentations skills, but also to teach techniques on how to alleviate stress when giving a speech. You'll learn how to adapt your style for planned and impromptu occasions to inform, persuade, and entertain. Participating in class activities (improv. activities), presenting speeches (formal and informal) in front of the class, and active listening are emphasized. This course may be taken for Fine Arts credit, but may not be repeated.

JOURNALISM

These courses may earn Elective Language Arts or Practical Arts Credit

JOURNALISTIC WRITING: 21ST CENTURY MEDIA

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

Journalistic Writing is geared to the highly motivated student who is interested in modern journalistic technique. This course covers the essential writing styles of journalism -- news, feature, opinion and critical review. In addition, the basics of interviewing, reporting, and editing are covered. Student journalists will write for a variety of media, including print and website. This course is particularly recommended for students who wish to work for the school news magazine, website & broadcast program, or yearbook, as well as students who are interested in improving their media literacy and communication skills.

NEWSPAPER JOURNALISM (repeatable course)

MTWRF	Semester 1& 2	9,10,11,12
	Credit:	5 hours per semester (4 hours available if student needs a lab class)
	Prerequisite:	Staff application and instructor permission required Contact Greg Anderson at ganderson@lps.k12.co.us for application information.

This advanced **year-long** course covers the essentials of news, features, sports, critical reviews and opinion writing. In addition, emphasis is placed on graphic design, page layout, information gathering, editing and proofreading. Student work will be published in the award-winning student news magazine, the Herald, and on the student run website, ArapahoeXtra.com.. Students may be expected to sell advertisements to help fund the student media & journalism program, and will be expected to work outside of class in order to meet deadlines and to cover school events.



YEARBOOK JOURNALISM (repeatable course)

MTWRF	Semester 1&2	9, 10, 11, 12
	Credit:	5 hours per semester (4 hours available if student needs a lab class)
	Prerequisite:	Staff application and instructor permission required. Contact Greg Anderson at ganderson@lps.k12.co.us for application information.

This advanced **year-long** production course focuses on covering and capturing all things Arapahoe during the school year. We focus on photography and on news and feature writing. In addition, emphasis is placed on interviewing, graphic design, page layout, information gathering, editing and proofreading. Student work is published in the award-winning student yearbook, the Calumet. Students with a photography background are certainly accepted onto the staff but will also be expected to write. Students will be expected to sell advertisements to help fund the yearbook program, and will be expected to work outside of class in order to meet deadlines and to cover school events.

VIDEO PRODUCTION & DIGITAL MEDIA (repeatable course)

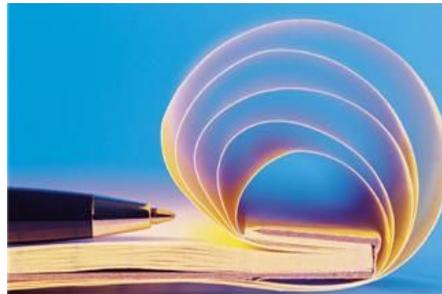
MWF	Semester 1 & 2	9,10,11,12
	Credit:	3 hours per semester
	Prerequisite:	Staff application and instructor permission required. Contact Greg Anderson at ganderson@lps.k12.co.us for application information.

In this **year-long course** students will learn basic filming and editing techniques, as well as exploring the creative and the technical aspects of video production and broadcast. Members of The Spear team produce both live and on-demand broadcasts of AHS athletic events and student activities on the Internet. Students will film, edit and broadcast their productions. Students may also work with professionals in the field. Students will be expected to sell advertisements and sponsorships to help fund the broadcast and video program, and will be expected

LEARNING SUPPORT SERVICES DEPARTMENT

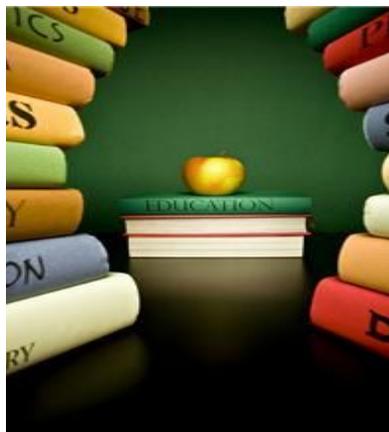
Services

Core Academic Classes
Transition Planning
Academic Workshop
Living Skills
Collaboration
Work Experience



Curriculum

Language Arts
Teen Living Skills
Math
Vocational Skills
Social Studies
Elective



LEARNING SUPPORT SERVICES DEPARTMENT

Participation in the following courses must be approved by the Special Education Department. These courses are designed to meet graduation requirements listed in the *Pathfinder*. Additional individualized courses may be offered to meet student needs. **Please note: All courses may not be offered every semester.**

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

This class is designed to expand student skills in core content area. This class will provide students with additional instruction and support in their core classes.

AMERICAN GOVERNMENT FUNDAMENTALS

MWF Semester 2 12
Credit: 3 hours per semester

The guiding theme of the course is to help students understand the ways they can be lifelong participants in the political system by being critically informed consumers of political information. To accomplish this goal, the course focuses on the following topics:

- The purposes of government
- The U.S. Constitution as a living document
- The structure and organization of federal and state governments
- The role of the linkage institutions (political parties, interest groups, and media)
- The electoral process
- The roles and rights of individuals
- Current political issues and events.

This course meets the state civics standards.

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.

ECONOMICS FUNDAMENTALS

MWF Semester 1 12
Credit: 3 hours per semester

The guiding theme of the course is to help students understand the ways they can be lifelong participants in the economic system by being critically informed consumers of economic information. This course is designed to present an overview of the nature and practice of American economics. Students will examine the foundational concepts of modern economic theory, including microeconomics and macroeconomics. Students will develop a deeper understanding of the world around them while becoming better decision-makers, business participants, and voters.

ENGLISH FUNDAMENTALS I, II, & III

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

This course incorporates a research based literacy intervention program designed for students reading below grade level. The program focuses on instruction of reading comprehension, vocabulary, writing and speaking skills.

FUNDAMENTALS OF ALGEBRA

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

This course is the foundation for all higher mathematics courses and will focus on various topics in problem solving. Units covered will include evaluating expressions, properties of real numbers, solving, graphing and writing linear functions, applying exponent properties, factoring polynomials, and an introduction to probability and data analysis. Pre-Algebra skills will also be reviewed in conjunction with the topics covered.

FUNDAMENTALS OF CONSUMER MATH

MWF Semester 1, 2 11, 12

Credit: 3 hours per semester

This class will focus on reviewing basic math skills that are used with frequency in “the real world” and see how they are utilized in personal finance. Units covered will include gross and net income, recordkeeping, checking, savings and charge accounts, loans, costs of owning a car, housing costs, and investments.

FUNDAMENTALS OF GEOMETRY

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

Credit: 5 hours per semester

This course will focus on developing reasoning and problem solving skills dealing with geometric properties. Units covered will include essentials of geometry, identifying lines and angles, congruence relationships of triangles, ratios and proportions, properties of right triangles (including Pythagorean Theorem), properties of quadrilaterals and circles, area and volume. A review of computational skills will be ongoing throughout the course.

LITERATURE FUNDAMENTALS I, II

MTWRF Semester 1, 2 11, 12

Credit: 5 hours per semester

These courses offer the student an opportunity to read and write about novels, short stories, poetry, nonfiction, and plays. The students read continuously, developing the reading skills of fluency and comprehension.

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 measurement, patterning, multiplication, division, and fractions.

MATH FUNDAMENTALS

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

Credit: 5 hours per semester

This course is designed to target and clarify misconceptions that students may have. This class is designed to set a solid mathematical foundation for students to build on throughout their academic career.

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 WORKSHOP

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

Credit: 3 hours per semester

This course uses a research based intervention program for students reading significantly below grade level. Through modeling and practice, students will have the opportunity to learn about and use strategies that successful readers employ. Skills addresses will include various comprehension strategies, making inference, summarizing, and critical thinking.

SENIOR SKILLS (SENIORS ONLY)

MWF Semester 1, 2 12

Credit: 3-6 hours per semester

Fee: Book \$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.

STUDY SKILLS FUNDAMENTALS

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

Credit: 2 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.



TEEN LIVING

MWF Semester 1, 2 9, 10, 11, and 12
Credit: 3 hours per semester
Fee: \$35.00

This class provides skill development in the areas of nutrition, basic shopping, money math, food preparation, community-based travel and dining.

The class fee provides food supplies to prepare approximately 18 student meals per semester.

U.S. HISTORY FUNDAMENTALS

MTWRF Semester 1, 2 9
Credits: 5 hours per semester

This year-long required course focuses on the history of the United States from the late 19th century through contemporary times. This class will examine the reasons why nations go to war and analyze our government's changing role in the economy over time.

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 or school 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 hours per semester

This course traces European Civilization from Greek and Roman Civilizations to the present day. Students identify similarities and differences of these civilizations to modern America.

WORLD GEOGRAPHY AND CIVILIZATIONS FUNDAMENTALS

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

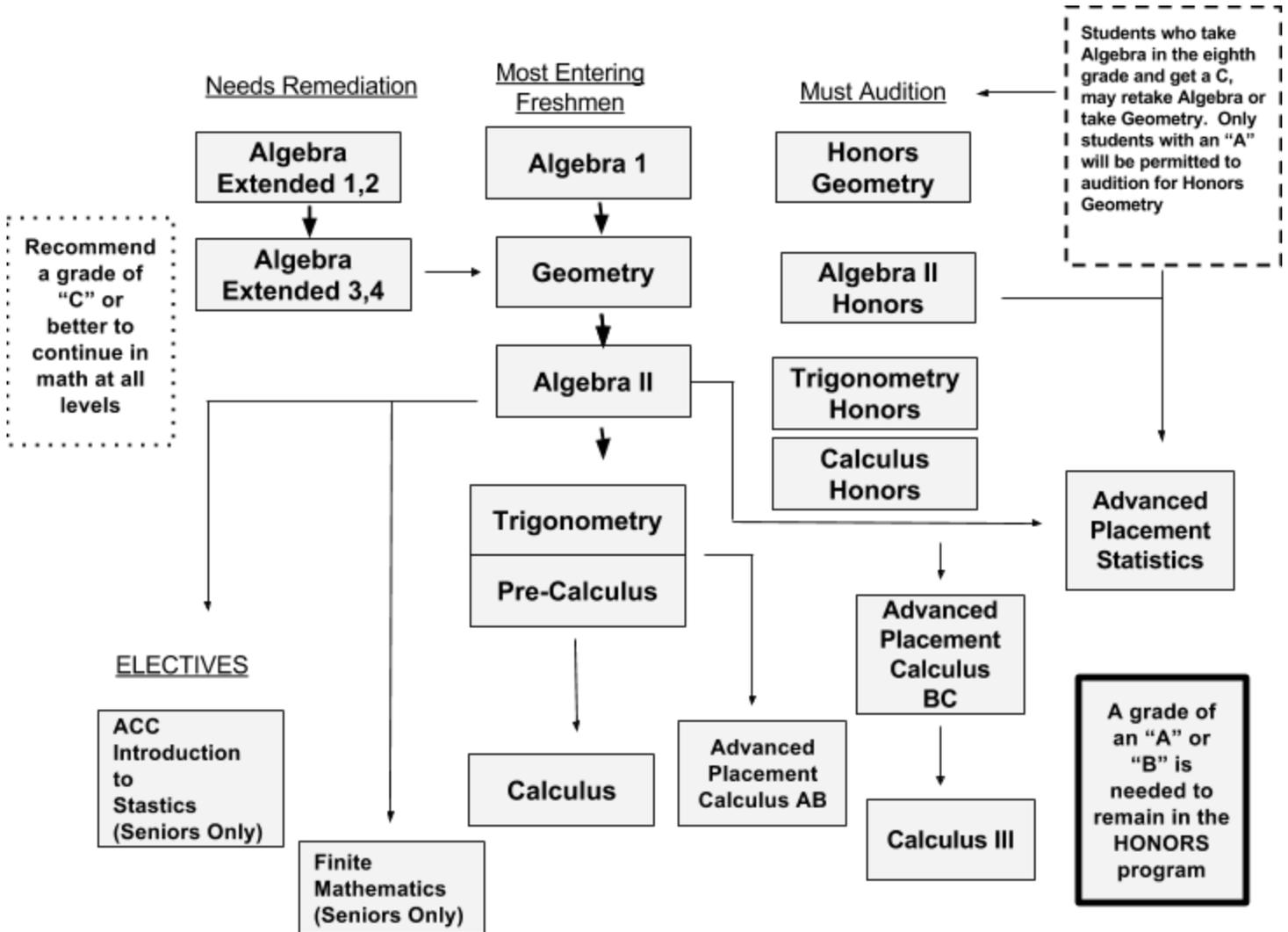
This course is designed to introduce students to a wide variety of cultures around the world. Geography, development of civilizations, imperialism and globalization will be covered. Regions covered include the Middle East, Africa, Latin America, India, and Asia.

WRITING FUNDAMENTALS

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

Students will concentrate on developing the focus and unity of their written work. They will learn to present a clear central idea or opinion about the topic and support it with related ideas. Instruction also includes grammar, usage, and mechanics.

MATHEMATICS DEPARTMENT



MATHEMATICS DEPARTMENT

Students must pass the prerequisite listed to continue to the next level of math. The Math Department requires a passing grade and recommends a “C” or better to continue from first semester to second semester and year to year.

ALGEBRA EXTENDED I/II

MTWTF Semester 1&2
or Credit: 4 hours per semester
MWRF Prerequisite: Teacher Recommendation

This course is designed for students who had difficulty, failed, or did not take 8th grade pre-algebra. This class is designed to give students extra time to master first semester Algebra I concepts.. Topics include: order of operations, signed numbers, solving equations, and graphing functions. Please see CCHE math requirements on page 7.

ALGEBRA EXTENDED III/IV

MTWTF Semester 1&2
or Credit: 4 hours per semester
MWRF Prerequisite: Teacher Recommendation

This course covers the content of the second semester of Algebra I in a year-long format. The course is intended for students who had a difficult time in first semester of Algebra I and need to go through the content of second semester at a slower pace. Content covered will include systems of equations, rules of exponents, and polynomials. Topics from probability/statistics and geometry are also included.

ALGEBRA I

MTWTF Semester 1&2
or Credit: 4 hours per semester
MWRF Prerequisite: 8th Grade Math

This course is the foundation for all higher mathematics courses and the material learned is used in other departments such as science, technology and business. Topics include equations, systems of equations, exponents, and graphing/solving linear, quadratic, and exponential functions. Topics from probability/statistics and geometry will also be included. It is recommended that students attain a ‘C’ or better to continue to Algebra I-S2 and Geometry.

GEOMETRY

MTWTF Semester 1&2
or Credit: 4 hours per semester
MWRF Prerequisite: Algebra I

Students examine geometric figures in order to understand their properties and apply them to the physical world. Topics such as linear and angular measurement, Pythagorean Theorem, area, volume, and proportions are studied. Additional topics include proofs, constructions, coordinate geometry, and right triangle trigonometry.

ALGEBRA II

MTWRF Semester 1&2
Credit: 5 hours per semester
Prerequisite: Algebra I & Geometry

Students continue to explore the concept of a function and mathematical modeling. Students will integrate their studies from Algebra and Geometry in an effort to explore the practical uses of mathematics and to prepare for higher level courses. Topics include working with polynomial, rational, radical, trigonometric, and exponential functions, as well as data analysis.

FINITE MATHEMATICS

MWF Semester 1&2 12
Credit: 3 hours per semester
Prerequisite: Algebra II and Teacher Recommendation

This course is designed for college bound students that have completed Algebra II and require more experience with higher level mathematics prior to entering Trigonometry/Pre-Calculus or a math course at the college level. Students will be solving problems in

mathematics involving Algebraic functions, introductory trigonometric functions, and probability and statistics. Students will be solving financial problems including simple and compound interest, loans and retirement funds, along with other advanced mathematical topics.

TRIGONOMETRY

MTWF Semester 1
 or Credit: 4 hours per semester
 MWRF Prerequisite: "C" or better in Algebra II

Students will cover all aspects of trigonometry including the definitions of the functions, the relation between degrees and radians, inverse trigonometric functions, graphing trigonometric functions, solutions of trigonometric equations, the Law of Sines, and the Law of Cosines. Students will also become familiar with fundamental identities and proofs involving them.

PRE-CALCULUS

MTWF Semester 2
 or Credit: 4 hours per semester
 MWRF Prerequisite: Trigonometry

Students will review algebra topics such as functions, polynomials, and graphing to prepare for calculus. In addition, students will be introduced to polar coordinates, parametric equations, limits, continuity, and the definition of a derivative.

CALCULUS

MTWRF Semester 1&2
 Credit: 5 hours per semester
 Prerequisite: 'A' or 'B' in Pre-calculus or Calculus (Honors) with teacher recommendation



This non-AP course is the equivalent of about two-thirds of a year-long college-level calculus class. The curriculum includes differential calculus and integral calculus. Topics include limits, continuity, derivatives and integrals and their applications.

CONCURRENT ENROLLMENT COURSE

AVAILABLE FOR BOTH HIGH SCHOOL CREDIT

INTRODUCTION TO STATISTICS

ACC credit: MAT 135 Introduction to Statistics

MWF Semester 1&2 12
 Credit: 3 hours
 Prerequisite: 'C' or better in Algebra II. Additional requirements for Arapahoe Community College. Must sign up for College Opportunity Fund and must apply to Arapahoe Community College. Update College in Colorado – Post Secondary Goal
 Fee: Cost of textbook.

Includes data presentation and summarization, introduction to probability concepts and distributions, statistical inference – estimation, hypothesis testing, comparison of populations, correlation and regression. This is a Statewide Guaranteed Transfer course. This class provides college credit while at Arapahoe.

HONORS COURSES

SPECIAL NOTE FOR ALL HONORS COURSES - Students enter the Honors track based on records, test scores, teacher recommendations from Middle School, an 'A' in Algebra in the eighth grade AND a mandatory audition test to be given in the spring. To continue in the Honors track students should maintain an 'A' or 'B' and demonstrate high standards of performance, good study habits and maturity. Students who have completed a year of Algebra in the middle school with a grade of 'C' or better may register for Geometry. For students with a 'C' or below in 8th grade Algebra, we recommend they repeat Algebra in the 9th grade.

GEOMETRY (HONORS)

MTWF Semester 1&2 9
or Credit: 4 hours per semester
MWRF Prerequisite: *See above Honors Requirement

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 AP Calculus BC.

ALGEBRA II (HONORS)

MTWRF Semester 1&2 9, 10
Credit: 5 hours per semester
Prerequisite: 'A' or 'B' in Geometry (Honors)

This course covers the same content as Algebra II with the addition of derivations of formulas, selected Pre-Calculus topics, and applications to real life. Students who are in the Honors track are preparing to take AP Calculus BC and possibly Calculus 3.

TRIGONOMETRY (HONORS)

MTWF Semester 1 9, 10, 11
or Credit: 4 hours per semester
MWRF Prerequisite: 'A' or 'B' in Algebra II (Honors)

This course covers the same content as Trigonometry with the addition of polar graphing and solving polar equations. Students who are in the Honors track are preparing to take AP Calculus BC.

CALCULUS (HONORS)

MTWF Semester 2 9, 10, 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. Students who are in the Honors track are preparing to take AP Calculus BC.

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.

****Beginning with the class of 2015, Honors Trigonometry/Calculus students must take AP Calculus BC unless recommended for AP Calculus AB by the current teacher.****

ADVANCED PLACEMENT CALCULUS (AB)

MTWRF Semester 1, 2

Credit: 5 hours per semester

Prerequisite: 'C' or better in Calculus (Honors) or an 'A' in Pre-calculus with **selection based upon application/teacher recommendation**

The A.P. curriculum is established by the College Board. The curriculum defined for this course is the equivalent to 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 AP exam and are expected to take the AP exam in May.

ADVANCED PLACEMENT CALCULUS (BC)

MTWRF Semester 1, 2

Credit: 5 hours per semester

Prerequisite: 'A' or 'B' in Calculus (Honors) **selection based upon application/teacher recommendation**

The A.P. curriculum is established by the College Board. The curriculum defined for this course includes differential and integral calculus in rectangular, parametric, and polar coordinate systems along with sequences and series. A.P. Calculus BC is equivalent to one year of college calculus. Students must use a graphing calculator on the A.P. exam and are expected to take the A.P. exam in May.

CALCULUS III

TR Semester

Credit: 2 per semester

Prerequisite: 'C' or better in AP Calculus BC

Completes the traditional subject matter of Calculus. Topics include vectors-valued functions, and multivariable calculus including partial derivatives, multiple integrals, line integrals and application. **This class receives a weighted grade, but does not take an AP exam in May.**

ADVANCED PLACEMENT STATISTICS

MWF Semester 1, 2

Credit: 3 hours per semester

Prerequisite: Selection is based upon application. 'A' in Algebra II or 'B' or better in Algebra II (Honors) is recommended

AP 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. A TI-83 or TI-84 calculator is required, and students are expected to take the AP Statistics exam in May.

PERFORMING ARTS DEPARTMENT

DRAMA

DRAMA

TR Semester 1 or 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 Theatre through a variety of performances. Major emphases of the class are development of beginning acting skills and confidence. This course is the prerequisite for Acting Study.

ACTING STUDY (repeatable course)

MWF Semester 2 10, 11, 12
Credit: 3 hours per semester
Prerequisite: Drama

As a continuation of Drama, this semester course extends development of acting skills and self-esteem. Course work may include the following: scene work, monologues, improvisation, play and character analysis, auditioning, basics of directing, advanced acting techniques and Shakespeare. This class may be repeated for credit.

STAGECRAFT (repeatable course)

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

This semester course offers students the opportunity to participate in all phases of stagecraft activities. Course work may include the following: scenery construction, scene painting, stage lighting and sound, theatrical design, theatre organization management, and maintenance. **This course may be taken for Practical Arts credit.**

THEATRE MOVEMENT

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

This semester course will introduce movement concepts and skills as they relate to communication and dramatic characterization. Course work may include the following: elements of pantomime, unarmed stage combat, and staged sword fighting.

THEATRE TOPICS (repeatable course)

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

This course will change at the semester. The fall semester class will be Playwriting, where students will create plays that other classes will act out. The spring semester will be Improvisation which will culminate in an evening competition in front of an audience. This course can be repeated for credit.

COMPANY (repeatable course)

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

This year long course emphasizes the development of a higher level of acting and stagecraft skills. Students will strengthen their theatrical skills through a variety of projects throughout the semester. Students will also produce a complete production for evening performances. Work outside of class time is expected for rehearsal and performances.

DRAMA: HISTORY/LITERATURE I

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

This semester course will explore early classical dramatic literature from the ancient Greece throughout the early 1950's. Students will read plays with the class as well as independently and give oral presentations on the reading they complete. **Students may enroll for either Performing Arts or Language Arts credit.** This course is not offered every year.

DRAMA: HISTORY/LITERATURE II

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

This semester course will explore contemporary dramatic literature from early 1950's through today. Students will read plays with the class as well as independently and give oral presentations on the reading they complete. **Students may enroll for either Performing Arts or Language Arts credit.** This course is not offered every year.



INSTRUMENTAL MUSIC

CONCERT BAND (repeatable course)

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
LPS District Fee: \$25.00.
Instrument fee \$100.00 (if instrument rental is needed)

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. Participation in the Warrior Pep Band during the basketball season and during pep assemblies is also required. Band students are expected to make a full-year commitment to all band classes. **Additional Arapahoe Band Booster fees (for uniforms, sectional coaches, clinicians, festivals, etc.) and supply fees are the student's responsibility. Please see www.arapahoeband.com for more information.**

SYMPHONIC BAND (repeatable course)

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.
LPS District Fee: \$25.00.
Instrument fee, \$100.00.(if instrument rental is needed)

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. Participation in the Warrior Pep Band during the basketball season and during pep assemblies is also required. Band students are expected to make a full-year commitment to all band classes. **Additional Arapahoe Band Booster fees (for uniforms, sectional coaches, clinicians, festivals, etc.) and supply fees are the student's responsibility. Please see www.arapahoeband.com for more information.**

WIND ENSEMBLE (repeatable course)

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.
LPS District Fee: \$25.00. Instrument rental fee, if needed \$100.00.

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. Participation in the Warrior Pep Band during the basketball season and during pep assemblies is also required. Band students are expected to make a full-year commitment to all band classes. **Additional Arapahoe Band Booster fees (for uniforms, sectional coaches, clinicians, festivals, etc.) and supply fees are the student's responsibility. Please see www.arapahoeband.com for more information.**

JAZZ BAND I (repeatable course)

All Students	TR	Semester 1, 2	9, 10, 11, 12
	Credit:	2 hours per semester	
	Prerequisite:	Instructor approval	
	LPS District Fee	\$25.00	
	Instrument fee,	\$100.00 (if instrument rental is needed)	



This is the Advanced Jazz Band. Members of Jazz Band I will study, rehearse and perform various jazz styles including swing, Latin, rock and world music. Outside performances and rehearsals are a requirement of this course. One two hour after school rehearsal per week is required throughout the school 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. Additional Arapahoe Band Booster fees (for uniforms, sectional coaches, clinicians, festivals, etc.) and supply fees are the student's responsibility. Please see www.arapahoeband.com for more information.

JAZZ BAND II (repeatable course) (course not offered during the 2017-2018 school year)

All Students	TR	Semester 1, 2	9, 10, 11, 12
	Credit:	2 hours per semester	
	Prerequisite:	Instructor approval.	
	LPS District fee	\$25.00	
	Instrument fee	\$100.00 (if instrument rental is needed)	

This is the Beginning/Intermediate Jazz Band. Jazz II students will study the various styles of Jazz, including swing, Latin, rock and world 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. One two hour after school rehearsal per week is required throughout the school year. Jazz band students are expected to make a full year commitment. Additional Arapahoe Band Booster fees (for uniforms, sectional coaches, clinicians, festivals, etc.) and supply fees are the student's responsibility. Please see www.arapahoeband.com for more information.

ORCHESTRA (repeatable course)

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	
	LPS District Fee:	\$25.00.	
	Instrument fee	\$100.00 (if instrument rental is needed)	



This group is limited to string instruments who have had experience on a string instrument or played in Middle School Orchestra. 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 performances and rehearsals outside the school day is required of all Orchestra students. Students are expected to make a full-year commitment to the class. Additional fees for uniforms and supplies are the student's responsibility. Please see www.arapahoeband.com for more information.

VOCAL MUSIC

CONCERT CHOIR (repeatable course)

Tenor/Bass	MTWTF	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.	
	LPS District Fee:	\$25.00	

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 (repeatable course)

MWF	Semester 1 & 2	9, 10, 11, 12
	Credit:	3 hours per semester
	Prerequisite:	Instructor approval and audition
	LPS District Fee:	\$25.00

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 (repeatable course)

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 (repeatable course)

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 (repeatable course)

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

MUSIC APPRECIATION

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

This course is designed for the student who wants to gain a better appreciation and understanding of music and how it affects their lives and the society they live in. Students will be exposed to various styles of music from all over the world, instruments, and additional content as dictated by the interests of the class. Additionally, students will learn basic music theory in order to develop an understanding of mechanics of music. This is a NON-PERFORMANCE course.

MUSIC THEORY

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

This course is designed for the student who wants to develop an understanding of the mechanics of music.. Rhythmic, melodic, and harmonic structures of music are studied, as well as notation Sight singing and ear training are also included in this course. Students who demonstrate proficiency in the content covered in this class will have an opportunity to apply their knowledge through music composition or study from an advanced college-level music theory text. This is a NON- PERFORMANCE course.



PHYSICAL EDUCATION DEPARTMENT

REQUIRED CLASSES

- Swimming – All aquatics classes qualify for graduation credit. *(Single-Gender Available)*
 - Health – Junior level Class *(Single-Gender Available)*

ELECTIVE CLASSES

Activities

- Aerobics
- Recreational Games
- Basketball/Rec
- Volleyball/Rec
- Flag Football /Rec
- Weights (single-gender available)
- Innovative fitness
- Yoga/Pilates
- Social Dance
- Soccer/Rec
- Court Sports



Aquatics

- Beginning Diving
- Scuba Diving
- Lifeguarding & First Aid/ CPR With AED
- Swimming *(single-gender available)*

Athletic Training

- Sports Medicine



PHYSICAL EDUCATION DEPARTMENT

Students will graduate understanding the importance of cardiovascular health and the benefits of lifelong physical fitness. Each student is required to complete a minimum of 12 semester hours prior to graduation. This includes two classes that are district requirements to receive a Littleton Public Schools graduation diploma. Every student is required to take a two hour semester course in Health which will be assigned by alphabet during the junior year. Every student is also required to take a two or three hour semester course in Aquatics. A swimming course will be assigned by alphabet during the freshman year. A swim waiver test is offered each November and March for students able to demonstrate proficiency in a variety of swimming strokes and related areas of testing. Students wishing to take the swim waiver test must do so prior to the 2nd semester of their senior year. The remaining seven or eight semester hours of credit may include courses of individual and/or team sport activity and physical fitness electives. Lockers will be assigned the first day of class. Students should bring a combination lock the first day of school for personal use.

Please Note — All courses requiring fees will be billed through their student account.

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. Required Clothing:

- a. Shirt — pullover t-shirt (any color) — no offensive slogans or pictures.
- b. Shorts — gym/athletic type (any color) -no cutoffs or blue jean material; no cargo shorts; no belts.
- c. Warm-ups — sweatshirts, windbreakers, and jogging suits are acceptable for cold days.
- d. 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. Swimsuits — one piece—athletic/suit.
- 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. Students must supply their own combination lock.

4. At the end of the period, students must remain in the gym hallway until the bell rings.

5. Students must supply their own combination lock.

THE ARAPAHOE PHYSICAL EDUCATION STAFF IS NOT RESPONSIBLE FOR THE SECURITY OF JEWELRY, MONEY, VALUABLES OR ONE'S PERSONAL CLOTHING!! ALL STUDENTS SHOULD SECURE AND LOCK ALL CLOTHING AND ITEMS OF VALUE IN ASSIGNED LOCKERS FOR THAT VERY PURPOSE.

HEALTH

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

This health class is required of all students for graduation. Using the skills of critical thinking and problem solving, students will understand the components and concepts of mental, physical and social health. Students will acquire the knowledge and skills necessary for comprehensive health in the context of self, family, and community. 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.

AQUATIC CLASSES

***American Red Cross Swimming Instruction is given by all of our swimming staff - who each maintains Water Safety Instructor certification. Single gender classes are offered.**

SWIMMING (repeatable course up to 3 times)

MWF Semester 1 or 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 rhythmic 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. Survival floating and treading water will be taught.

NOTE: A student may take this class once per semester, continuing for **3 semesters only**, to improve one's physical fitness.

Single-gender Swimming offering:

This class focuses on strengths of one gender, based on research, books, articles, and teacher/student feedback. Students have found success with fewer distractions, higher grades, and improved skills.

BEGINNING DIVING

TR Semester 1 9, 10, 11, 12
Credit: 2 hours
Prerequisite: **A student must have passed the swim waiver or have taken swimming at AHS before enrolling in this class.**

This course will emphasize skills needed to master diving up through the 1-meter springboard. Students should have some knowledge of diving skills. Skills taught may include: front dive, back dive, inverted dives, and more advanced techniques. Stress will be put on diving safety, mechanics and maneuvers of dives. Basic swimming skills and endurance will also be taught and tested in the course.

LIFEGUARD TRAINING/ FIRST AID/ (CPR/AED)

MWF Semester 2 9, 10, 11, 12
or Credit: 2 or 3 hours per semester
TR Prerequisite: Advanced Swimming Skills
Fee: \$80.00

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 breaststroke. Students must also be able to surface dive to a depth of 10 feet recover a ten pound brick and return to the side of the pool, and tread water for 10 minutes. **Age - 15 years old by end 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 professional guarding techniques. Upon completion, the student will be qualified for the American Red Cross First Aid, CPR/PR, W/AED, and Lifeguard Training Certificates.

NOTE: This course also requires extensive reading and homework. A course fee of \$80 will be collected to cover books and Red Cross fees.

SCUBA DIVING

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

This course in scuba diving is designed for anyone interested in “exploring the underwater world.” 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. **A student must have passed the swim waiver or have taken swimming at AHS before enrolling in this class.**

NOTE:

- A. A current physician’s examination is required!!!**
- B.** A fee 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 semester.
- C.** 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

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

AEROBICS

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

This course will benefit anyone who has the desire to improve physical fitness, increase flexibility, tone muscles, improve cardiovascular endurance, improve coordination, and release tension. Students will gain knowledge on the basic concepts of aerobic activity and fitness which include: target heart rate, rate of perceived exertion, fitness components, fitness terminology, and safe practices of exercising. Students will be exposed to a variety of fitness workouts which will challenge total body fitness.

BASKETBALL AND RECREATIONAL GAMES

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

The primary emphasis of the Basketball course will be on the development of individual skills, fundamentals, and techniques. Team strategy, knowledge of game rules, refereeing and active participation of game play will also be emphasized. Recreational Games--Recreational games will be introduced during the semester. Games include but are not limited to Badminton, Pickle Ball, Flag Football, and Ultimate Frisbee. Skill and techniques will be covered as well as the rules of the games.

COURT SPORTS

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

This course is designed for students who would like to learn the beginning skills and playing strategies for Tennis, Volleyball, Badminton, Pickle ball, Basketball, and Team Handball.

FLAG FOOTBALL AND RECREATIONAL GAMES

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

This course is designed to give students concentrated experiences in basic skills, techniques of game play, strategy, rules, and active participation.

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

INNOVATIVE FITNESS

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

This course is designed as an interactive class to combine general education students with the students who have 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.

RECREATIONAL GAMES

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

This course emphasizes the importance of physical activity through the use of lifetime activities. Students will learn the skills, rules, terminology, scoring procedures, strategies, etiquette, proper use of the equipment and sportsmanship involved with badminton, pickle ball, ultimate Frisbee, backyard games and more.

SOCCER AND RECREATIONAL GAMES

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

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 the weather.

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

SOCIAL DANCE

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

A variety of ballroom dances and line dancing will be taught in this course. Students will learn about the history and origination of each dance style. Students will be able to identify the names of various steps, execute longer sequences of choreography and perform in groups and with partners. Dance skill tests and written tests will be used to assess student achievement. Students will also participate in a variety of fitness activities through daily warm ups.

SPORTS MEDICINE

TR Semester 1 or 2 10, 11, 12
Credit: 3 semester hours
Prerequisite: Instructor Approval /Signature required

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.

VOLLEYBALL AND RECREATIONAL GAMES

MWF Semester 1 or 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, Passing, Serving, and Spiking will be introduced and tested. 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, and Ultimate Frisbee. Skill and techniques will be covered as well as the rules of the games.

WEIGHT TRAINING (repeatable course up to 3 times)

MWF Semester 1 or 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 reapportionment, 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.

NOTE: A student may take this class once per semester, continuing for 3 semesters only, to improve one's physical fitness.

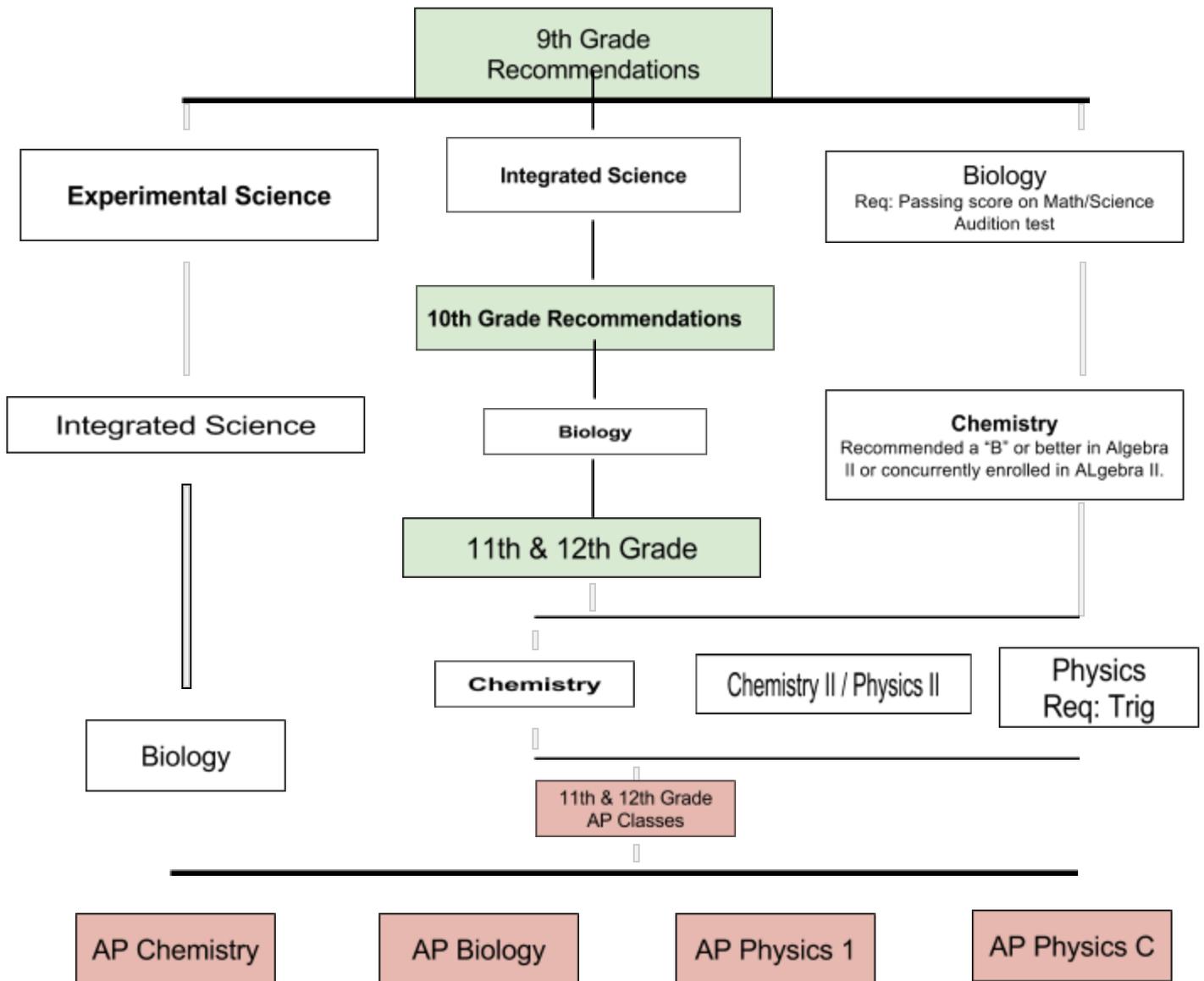
YOGA/PILATES

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

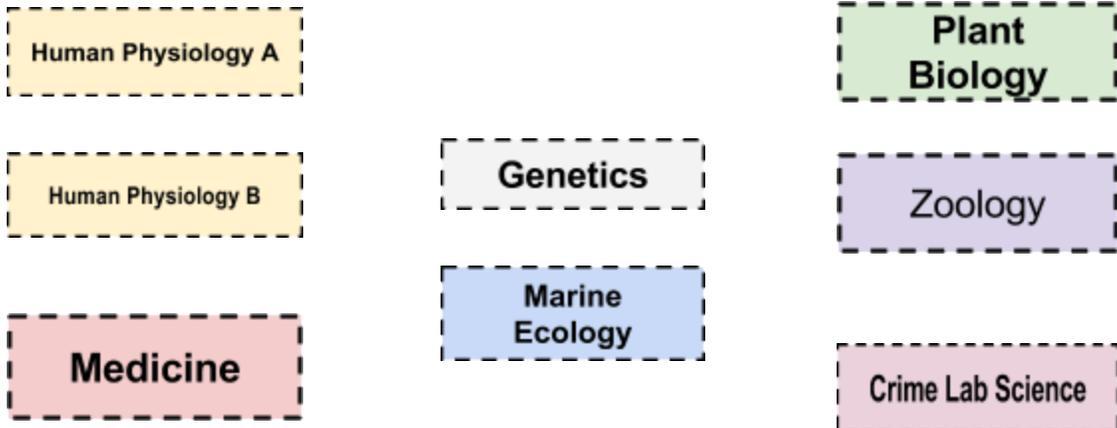
Pilates and Yoga are popular exercises in the fitness world. Incorporating Pilates and Yoga into regular physical activity will increase flexibility, improve muscular strength and endurance, balance and coordination. Pilates brings together mind, body and breath to develop strong abdominal muscles, a strong and limber back, and aligns the shoulder complex. 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 DEPARTMENT



ELECTIVES



SCIENCE DEPARTMENT

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

INTEGRATED SCIENCE

MWF	Semester 1 & 2	9
	Credit:	4 hours per semester
	Prerequisite:	S1- None
	Prerequisite:	S2—Integrated Science-(S1)

Integrated Science will focus on the study of Earth systems, (the Atmosphere, Biosphere, Geosphere and Hydrosphere) and their relationship with the Sun; Energy, and human impacts on Earth systems. Through these studies, students will develop a deeper understanding of the interdependence of systems on Earth and the affects human behavior has on those systems. Specific topics of study will include: energy (forms, sources, commercial uses, renewable vs. nonrenewable sources, efficiency), water (freshwater, oceanography, pollution, overuse), weather, climate and climate change and plate tectonics.

Single-gender Integrated Science offering:

Students have found success with fewer distractions, higher grades, and improved science skills. It is recommended to take this course all year to have the best impact.

EXPERIMENTAL SCIENCE

MWF	Semester 1, 2	9
	Credit:	3 hours per semester
	Prerequisite:	S1-Teacher Recommendation
	Prerequisite:	S2- Experimental 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

MWF	Semester 1 & 2	10, 11, 12
	Credit:	4 hours per semester
	Prerequisite:	S1- None for 10, 11, 12. 9th graders <u>must pass Math/Science audition test, must maintain an 'A' in current science course, and must have a teacher rec.</u>
	Prerequisite:	S2- Biology S1; Recommend a 'C' or better in Biology S1.

During 1st semester, students explore six biological themes – homeostasis, cell size, cell reproduction, gene expression, cell energy, and evolution. During 2nd semester, these themes are applied to the study of living organisms, simple to complex. This class meets three hours a week, plus one hour in laboratory on Tuesday or Thursday each week. There is considerable time spent in laboratory work and is an essential part of this class. This course should be taken by the majority of students for their Science Requirement.

CHEMISTRY

MWF	Semester 1 & 2	10, 11, 12
	Credit:	5 hours per semester
	Prerequisite:	S1-Recommend a 'B' or better in Algebra II or concurrently enrolled in Algebra II
	Prerequisite:	S2- 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.

Chemistry focuses on problem solving and critical thinking by exploring the broad concepts and models upon which chemistry rests. Topics covered 1st semester include properties and interactions of matter, light and the arrangement of the atom and stoichiometry. During 2nd semester topics include gas laws, thermochemistry, equilibrium, solutions, acids and bases as well as types of reactions. The laboratory work is an essential part of this class.

PHYSICS

MTWF	Semester 1&2	10, 11, 12
	Credit:	4 hours per semester
	Prerequisite:	S1- Required completion of or concurrent enrollment in trigonometry. Also highly recommend a 'B' or better in Algebra II
	Prerequisite:	S2-Physics S1

This course meets four hours per week, which includes one hour laboratory work each week built into the “regular” class. This lab-oriented course involves the study of the nature of motion, force, energy, waves, electricity, optics, and light. Both semesters involve extensive use of Algebra and Trigonometry.

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 a hydroponics unit, students will grow plants to study the life cycle. Moodle, Google Classroom, and Chromebooks will be used to ensure a paperless environment. Time will also be spent planning work in our new community garden. **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 or 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 laboratory course focuses on examining how our knowledge of DNA has guided our understanding of the living world. Students will do extensive work in problem solving using inquiry-based labs and activities. Topics to be covered will include: chemical and physical bases of heredity, human genetics and biotechnology.

MARINE ECOLOGY

TR	Semester 1 or 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 is an overview of the different marine ecosystems. We discuss the living and nonliving factors that affect the health of each ecosystem. We also discuss the unique adaptations organisms have to live in the different marine environments. We do research and labs to explore these ecosystems. Some labs do include animal dissections.

MEDICINE

MWF	Semester 1	12
(Zero Hour Class)	Credit:	3 hours per semester
	Prerequisite:	Must be a Senior. Recommend having a "B" or better in Chemistry. Teacher approval is required. Sign up in the Science Office.
	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. **Approval form must be filled out on the Science Department Web Page. Appropriate, but mature medical material will be used in class. 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 the anatomy, physiology and pathology of systems for control (Nervous and Endocrine) and systems for protection and support (Musculoskeletal, Integumentary, and Immune). These systems will be taught through a variety of activities including labs, dissections, lectures, and case studies. Human Physiology A & B 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 the anatomy, physiology and pathology of the systems for transport (Circulatory), systems for metabolism (Digestive, Excretory, Respiratory), and systems for reproduction (Reproductive). These systems will be taught through a variety of activities including labs, dissections, lectures, and case studies. Human Physiology A & B can be taken in any order.

ADVANCED PLACEMENT BIOLOGY

MWF	Semester 1 & 2	11, 12
	Credit:	5 hours per semester
	Prerequisite:	Recommend a B or better in Biology and Chemistry. Completion of Pre-Registration form.
		Textbook purchase will be highly recommended.
	Lab Fee:	\$10.00 per year

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. Cover the four Big Ideas of Biology: Evolution; Cellular Processes: Energy and Communication; Genetics: Information Transfer; and Interactions.
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 coursework will include cell physiology, genetics, biotechnology, botany, zoology, human physiology, and man's ecological relationships.

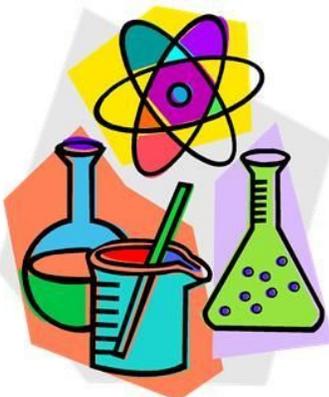
The students are expected to take the AP National exam in May.

ADVANCED PLACEMENT CHEMISTRY

MWF	Semester 1, 2	11, 12
	Credit:	5 hours per semester
	Prerequisite:	Completion of Chemistry 1 and 2 with above average achievement. Completion of Pre-Registration form. This course includes a 2 hour lab on Thursday.
		Textbook purchase will be highly recommended.
	Prerequisite:	S2-Advanced Placement Chemistry S1.
	Lab Fee:	\$10.00 per year

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 who have completed Chemistry 1 and 2 with above average achievement and who have completed the application process. **All Students are expected to take the AP exam in May.**



ADVANCED PLACEMENT PHYSICS C: MECHANICS

MTWRF	Semester 1	11, 12
	Credit:	5 hours per semester
	Prerequisite:	Taken concurrently with Calculus, completion Pre-Registration form. Textbook purchase will be highly recommended.
	Lab Fee:	\$10.00 per year

This course is the first semester of the college sequence that serves as the foundation in physics for students planning to major 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 and should be followed by second semester Electricity & Magnetism.

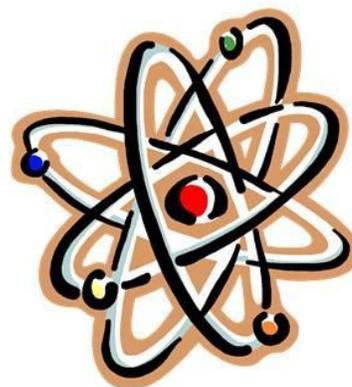
ADVANCED PLACEMENT PHYSICS C: ELECTRICITY & MAGNETISM

MTWRF	Semester 2	11, 12
	Credit:	5 hours per semester
	Prerequisite:	A grade of "C" or better in 1st Semester. Textbook purchase will be highly recommended.

This second semester of the college sequence involves the study of electricity and magnetism, and must be taken concurrently with Calculus 2. **All Students are expected to take the AP exam in May.**

ADVANCED PLACEMENT PHYSICS 1

MTWRF	Semester 1 & 2	11, 12
	Credit:	5 hours per semester
	Prerequisite:	S1-Trigonometry or concurrent enrollment Completion of Pre-Registration form, Instructor Approval. Textbook purchase will be highly recommended.
	Prerequisite:	S2-Advanced Placement Physics S1 (1) Grade of 'C' or better in 1st semester
	Lab Fee:	\$10.00 per year

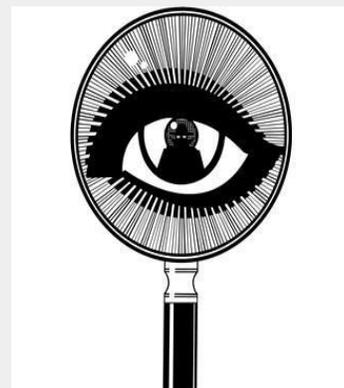


Advanced Placement Physics 1 is equivalent to the first semester of a typical introductory, algebra-based, college physics course. Though this course will regularly involve algebra and trigonometry calculations, emphasis will be placed on deeper conceptual understanding. (Note: This is a non-calculus based course. Students planning a career in engineering or the physical sciences should consider taking AP Physics C). **All Students are expected to take the AP exam in May.**

CRIME LAB SCIENCE (FORENSICS)

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

Students will learn various forensic techniques, such as fingerprinting, handwriting analysis, fiber identification, DNA analysis, and blood typing. These techniques and inductive and deductive reasoning will be used to solve crimes. Students will apply knowledge and techniques learned in previous science classes such as Biology and Chemistry.



CHEMISTRY II/PHYSICS II

MWRF	Semester 1 & 2	10, 11, 12
	Credit:	4 hours per semester
	Prerequisite:	Recommendation of Biology Teacher Recommend passing grade in Biology Recommend completion of Algebra II or concurrent enrollment in Algebra II.

This course will be a rigorous, lab-based, hands-on approach to Chemistry and Physics. Students will cover the same conceptual topics as in regular Chemistry and Physics but will have a reduced amount of math. The class will give college preparatory students the opportunity to expose themselves to a higher level physical science class without having to be advanced in math.

SOCIAL STUDIES DEPARTMENT

U.S. History S1 (9th)
(Honors, Integrated, and Single Gender are options.)



U.S. History S2 (9th)
(Honors, Integrated, and Single Gender are options.)



World Geography and Civilizations S1 (10th)
(Honors is an option.)



World Geography and Civilizations S2 (10th)
(Honors is an option.)



Western Civilization S1 (11th)



Western Civilization S2 (11th)



American Government (12th)

Economics (12th)

Students with last names that start with A-K should take Government first semester and Economics second semester.
Students with last names that start with L-Z should take Economics first semester and Government second semester.

****Advanced Placement American Government and Politics, a full year course, will be accepted as a replacement for American Government ONLY.**

****Advanced Placement Economics, a full year course, will be accepted as a replacement for Economics ONLY.**

Elective Classes

A.P. U.S. History	Colorado History	Current Event
A.P. Psychology	Comparative World Religions	Law
A.P. Economics	Intro to Human Behavior: Social Problems	International Relations
Philosophy	Current Events : Supreme Court and the Bill of Rights	Anthropology
A.P. Geography	Film Studies Humanities: Social Change	Psychology
A.P. American Government	Film Studies Humanities: Defining Humanity	Sociology

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

The Social Studies Honors Program is designed for those students who wish to choose a more rigorous academic experience and for those who demonstrate advanced academic skills. Honors courses are broader in scope and depth than traditional academic classes and often require more preparation and work out of class. Examinations in the honors program help prepare students to enter the Advanced Placement courses with experience in A.P. testing methods and strategies. The Honors program starts with United States History S1 through an admissions 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-Honors S1 and S2
10th	World Geography and Civilizations-Honors S1 & S2
11th	AP American Government, AP Economics, or AP Psychology might be options
12th	AP US History, AP American Government, AP Economics, or AP Psychology might be options

FRESHMAN COURSES

U. S. HISTORY

MTWRF	Semester 1 & 2	9
	Credit:	5 hours per semester
	Prerequisite:	None

In alignment with district and state standards, this required course focuses on the history of the United States from the late 19th century through contemporary times. Students will evaluate the reliability of information received from various sources and expand upon their critical thinking skills. They will develop oral and written arguments to take and defend positions related to historical issues. The following eras will be taught:

- Emergence of the U.S. as a World Power, 1890-1920
- The 1920s – Prosperity and Problems
- Depression and New Deal, 1929-1941
- WWII and Postwar U.S., 1939-1961
- Later Cold War, 1961-1991
- Challenges of the 21st Century, 1991-Present.

Single-gender U.S. History 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 skills. It is recommended to take this course all year to have the best impact.

INTEGRATED HISTORY/ENGLISH 9

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. The course focuses on 1900 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

MTWRF Semester 1 & 2 9
Credit: 5 hours per semester
Prerequisite: Audition examination, past performance in Social Studies classes, teacher recommendation.

This course deals with the same topics as U.S History S1 and S2, but will be differentiated by a more in-depth analysis of the subject matter. Participation in class discussions is expected. Students will be required to do more outside reading and write significantly more than students in the non-honors course

SOPHOMORE COURSES

WORLD GEOGRAPHY & CIVILIZATIONS

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

This yearlong course examines issues related to the development of civilizations and their legacies, population, conflict and cooperation, the environment, the SEP model, the development of geography, the impacts of geography and civilization upon one another, imperialism and globalization. Regions of focus will include the Middle East, Africa, Latin America, South Asia and East Asia.

WORLD GEOGRAPHY AND CIVILIZATIONS HONORS

MWF Semester 1 & 2 10
Credit: 3 hours per semester
Prerequisite: Teacher recommendation

This yearlong course deals with the same topics as World Geography and Civilizations S1 and S2, but will be differentiated from it by a more in-depth analysis of the course's essential questions. Participation in class discussions is expected. Students will be required to do more outside reading and write significantly more than students in the non-honors course.

JUNIOR COURSES

WESTERN CIVILIZATION I

MWF Semester 1 11
Credit: 3 hours per semester
Prerequisite: World Geography & Civilizations

This course traces European civilization from the Greeks through the Renaissance and Reformation. It asks two essential questions: what are the legacies of the various civilizations, and in what ways were the lives of the people of those civilizations similar to and different from the lives of modern Americans? Students are expected to read primary and/or secondary sources in preparation for each class period, and an emphasis is placed upon developing analytical essay-writing skills.

WESTERN CIVILIZATION II

MWF Semester 2 11
Credit: 3 hours per semester
Prerequisite: Western Civilization I

This course traces European civilization from the Age of Absolutism to the present day. It asks two essential questions: what are the legacies of the various civilizations and in what ways were the lives of the people of those civilizations similar to and different from the lives of modern Americans? Students are expected to read primary and/or secondary sources in preparation for each class period, and an emphasis is placed upon developing analytical essay-writing skills.

SENIOR COURSES

AMERICAN GOVERNMENT

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

The guiding theme of the course is to help students understand the ways they can be lifelong participants in the political system by being critically informed consumers of political information. To accomplish this, goal, the course focuses on the following topics:

- the purposes of government
- the U.S. Constitution as a living document
- the structure and organization of federal and state governments
- the role of the linkage institutions (political parties, interest groups, and media)
- the electoral process
- the role and rights of individuals
- current political issues and events

This course meets the state civics standards.

ECONOMICS

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

The guiding theme of the course is to help students understand the ways they can be lifelong participants in the economic system by being critically informed consumers of economic information. This course is designed to present an overview of the nature and practice of American economics. Students will examine the foundational concepts of modern economic theory, including microeconomics and macroeconomics. Students will develop a deeper understanding of the world around them while becoming better decision-makers, business participants, and voters. In light of this goal, the course will focus on the fundamental motivations of and assumptions made by economists, the methods used by economists, and the economic perspective on choices (made by individuals, firms or governments) and their consequences.

ADVANCED PLACEMENT COURSES

ADVANCED PLACEMENT AMERICAN GOVERNMENT

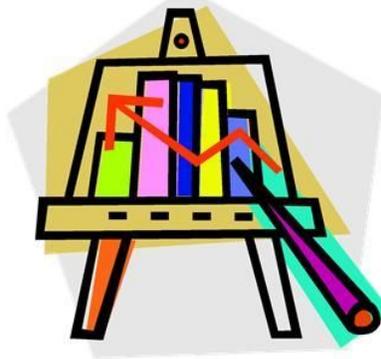
MWF Semester 1 & 2 11, 12
Credit: 3 hours per semester
Prerequisite: Application Process
Fee: Textbook purchase required
***Fulfills the American Government Requirement for graduation**

This is a year-long college level course that introduces students to the basic concepts of government, develops their understanding of the framework of American government and politics, and prepares students for the Advanced Placement exam. The major units of study include an introduction to politics, constitutional philosophies and foundations, political beliefs and behaviors of individuals, the interactions of the linkage institutions (political parties, interest groups, and the media), the election cycle, 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 national, 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 preparation and participation is required. The course meets state civics standards

ADVANCED PLACEMENT ECONOMICS

TR	Semester 1 & 2	12
	Credit:	2 hours per semester
	Prerequisite:	Application Process (Math and Social Studies)
	Fee:	Textbook purchase required
		* Fulfills the Economics requirement for graduation

This college level course is a study of how individuals, firms, and organizational structures make economic decisions. Demand and supply analysis will be developed to demonstrate how market prices are determined; how they determine an economy's allocative mix of goods and services and factors of production; and how goods and services are distributed throughout the economy. Students will evaluate the strengths and weaknesses of economic decision-makers by employing concepts of efficiency and equity, and will also analyze and evaluate the effects of government intervention. In May, students will be expected to take the College Board Advanced Placement Exam in Microeconomics. 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 HUMAN GEOGRAPHY

TR	Semester 1 & 2	11, 12
	Credit:	2 hours per semester
	Prerequisite:	Successful completion of World Geography and Civilizations and teacher recommendation.
	Fees:	Textbook purchase required

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, and 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

MTWF	Semester 1 & 2	11, 12
or	Credit:	4 hours per semester
MWRF	Prerequisite:	Application Process
	Fees:	Textbook purchase required

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.

ADVANCED PLACEMENT U. S. HISTORY—S1, S2

MTWRF	Semester 1 & 2	12
	Credit:	5 hours per semester
	Prerequisite:	Application Process
	Fee:	Students are required to purchase the A.P. U.S. History textbook. Students must take American Government or Advanced Placement American Government as well as Economics in order to meet both state standards and graduation requirements.

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 in 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.

ELECTIVES

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

ANTHROPOLOGY

TR	Semester 1 or 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 portion 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. This course may not be available every semester.

COLORADO HISTORY

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

This course is an exciting, interesting, and purpose-driven look at the Centennial State. Our journey begins with the lives of the first inhabitants of Colorado through present day events. Moreover, we will look at the geography of Colorado and determine how it has affected the growth and settlement of the state. Over the course of the semester, we will focus on the following topics: the mountain men, mining frontier, arrival of the railroad, cowboys, Native Americans, and farmers and the storied roles each have played in our state's history. Students will also embark on an independent study of a 20th century Colorado person/place/thing. The history of our state is brought to life through a field trip where students have the opportunity to embark upon a walking tour of LoDo in order to learn about early life in our capital city and experience some of our state's oldest landmarks.

COMPARATIVE WORLD RELIGIONS

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

Through the study of the central beliefs of Judaism, Christianity, Islam, Hinduism, Buddhism, Confucianism, and Taoism, students will examine the increasing relevance of religion in their broadening global community. Students will analyze what religion is, how religion has impacted history, and the larger role religion plays in shaping interactions between individuals and nations. Scholarly articles and excerpts from various religious texts will be the basis of this discussion-centered course.

CURRENT EVENTS

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

This course will examine the major events in the news occurring locally, nationally, and internationally that impact our lives today or could have a significant impact in the future. We will focus on major news topics as well as look at “hot topics” that develop over the course of the semester. The course will also study media bias and the various sources from which we derive our information about events going on around us and worldwide. Oral and written evaluations, as well as class participation, will play an important role in student grades.

CURRENT EVENTS : SUPREME COURT AND THE BILL OF RIGHTS

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

This class will guide students in an examination of how the judicial branch relates to the legislative and executive branches. They will study the basics of how the Supreme Court operates today: how cases reach the Court, how cases are decided, and how they become the law of the land. Students will learn the names and backgrounds of our current justices, and discuss how the justices’ backgrounds may have shaped their judicial philosophies. They will analyze and discuss landmark historical and recent cases. The class will be taught as an interactive seminar to encourage critical thinking, discussion, and respectful debate and is best suited for advanced, analytical students.

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.

INTRODUCTION TO HUMAN BEHAVIOR : Social Problems

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

In this course, students will be introduced to concepts of psychology and sociology, with a focus on human behavior. Topics explored include: personality, sleep and dreams, drugs and addiction, socialization, and gender roles. Students will engage in a variety of class discussions and projects throughout the semester. Students interested in learning about themselves and the people around them are encouraged to take this course.

INTERNATIONAL RELATIONS

TR Semester 1 or 2 9, 10, 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.

LAW

TR Semester 1 or 2 11, 12
Credit: 2 hours per semester
Prerequisite: None
Fees: Field Trip Fee of \$13

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 as well as being an introduction to criminal law in Colorado. 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. Students will experience the legal world beyond the walls of the classroom.

PHILOSOPHY

TR Semester 1 or 2 11, 12
Credit: 2 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

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

Psychology is an exciting elective designed to provide students with a broad perspective on the many aspects of human behavior. In this course, we will explore questions such as: What makes people behave as they do? How is our personality influenced? Do dreams have meaning? What causes depression? Topics covered include approaches to psychology, scientific methods, the brain and body, sensation and perception, consciousness, and abnormal behavior. Students will have the opportunity to engage in presentations, activities, and class discussions and demonstrate their learning through exams, projects, and essays.

SOCIOLOGY

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

What holds society together? Why does inequality exist? How do social movements begin? Why do people follow? These are but a few of the many types of questions that sociologists seek to answer. Sociology, defined as the study of human relationships, focuses on understanding human behavior in the social context. At its core, sociology is the study of people and their interactions. Topics analyzed include: socialization, norms and values, conformity, deviant behavior, social control, family, gender roles, culture, and the impact of the media on society. If you are interested in learning about what motivates human behavior, this discussion and activity-based course is one for you.

THE HISTORY OF AUTOMOBILES IN AMERICAN CULTURE

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

This semester long course will explore United States history and culture through the lens of the automobile as the two are intricately linked with each other. This class will examine how the automobile has impacted the social, economic and political lives of Americans throughout modern history. Each decade faced its own challenges and triumphs, all of which are reflected in the design, features and role that cars have

played in the lives of Americans. Every era in modern history has had events that have shaped the automobile, and the car has helped mold the culture and history that defines each decade. Along with examining the history of automobiles in America, this course will look to the future of cars and will predict how cars, their designs, and American culture will change in the future

TECHNOLOGY & ENGINEERING DEPARTMENT

Technology Studies 1-8

*Architecture

*Computer Aided Design (CAD)

*Digital audio/video editing

*Graphic Design

*Game Design

*Manufacturing—CNC lathe and mill

*Robotics

*Web page Design

*CAD 255—Solid Works/Mechanical (through ACC)

*Design Projects

Fall Semester

Aeroracers

Spinning Tops

Bridges

Spring Semester

Packaging

CO₂ Racers

Towers

*Woodworking

Mantel Clock

Jewelry Box

Turning Projects

*Engineering 1/2

*Digital Photography

*Intro to Computer Science

*Journalism Classes

(Listed under Language Arts)

Concurrent Enrollment

Receive both College & High School Credit for Technology Education Courses

ACC Credit: CAD 255 Computer Aided Design (CAD)

3 Credits

Introduces basic non-parametric 3D concepts to build confidence in 3D thinking and progresses to three-dimensional parameters. The student learns to construct, modify, and manage complex parts in 3D space as well as to produce 2D drawings from the 3D models.

Benefits:

- **Finish college sooner!**
- **Classes offered conveniently during the regular high school day**
- **Earn college credit without leaving the high school campus**
- **College-level courses**
- **College-level instructors**
- **FREE!**



STEM

Science Technology Engineering Math

The STEM curriculum outlines the courses students should take to obtain a background in STEM. There is no specific STEM track for students to follow where the STEM interested students are all in the same classes at the same time. Students should take the math and science classes in the recommended order by each department.

Technology classes should follow the following sequence below:

**Freshman year: Technology Studies
CAD 1 and CAD 2**

**Sophomore year: Technology Studies
Architecture and Manufacturing**

Engineering classes should follow the following sequence below:

**Junior year: Engineering 1
Offered during the spring semester.**

**Senior year: Engineering 2
Offered during the fall semester.**

Other Technology and Engineering Education classes, like Design Projects and Woods, are a benefit to the students in the Engineering classes. It is not required for a student to take either of the classes to be enrolled in the Engineering sequence.

TECHNOLOGY & ENGINEERING DEPARTMENT

TECHNOLOGY STUDIES I-VIII (repeatable course)

MWF	Semester 1, 2	9,10,11,12
	Credit:	3 hours per semester
	Prerequisite:	2+ GB jump drive
	Fee:	\$8

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

Architecture- Design single family homes, commercial buildings, and construct architectural models. If you are thinking about a career in architecture, this is the topic for you.

Animation- Create animation models, direct animation projects and movies using animation software.

Computer Aided Design (CAD)- Design mechanical parts and create them on a rapid-prototyping machine. This is the perfect topic to learn about an engineering career.

Digital Video- Design and create commercials and music videos.

Graphic Design- Students will use CorelDRAW to create graphical designs. A laser engraver and sign printer may be used to create a student designed product.

Game Design- Students will use a software program like GameMaker to learn how to create classic video games..

Manufacturing- Design and manufacture mechanical parts using a Computer Numerically Controlled (CNC) Lathe and Mill.

Robotics- Program robots, automated devices, and Computer Integrated Manufacturing (CIM) cells. Interested in mechanical engineering, this is the topic for you.

Web Design- Design and create web pages using DreamWeaver and Flash.

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

COMPUTER AIDED DESIGN (CAD)

ACC credit: CAD 255

MWF	Semester 1, 2	9,10,11,12
	Credit:	3 hours per semester
	Prerequisite:	Must sign up for College Opportunity Fund. Must apply to Arapahoe Community College. Update College in Colorado. Update College in Colorado - Postsecondary Goal, 2+ GB jump drive
	Fee:	\$8.00

Students interested in taking the ACC version of CAD will enroll in a Tech Studies class for any hour that it is offered. Once in the class the Accuplacer will be taken and the student will be enrolled in the class concurrently through ACC. The CAD 255 requirements will require the student to study CAD the entire semester. Expectations and assignments will also be significantly greater than for the high school version of CAD. Homework will require that the student load a student version of Solidworks 2014 on a computer at home and potentially a textbook. ACC Course Description: Introduces basic non-parametric 3D concepts to build confidence in 3D thinking and progresses to three-dimensional parameters. The student learns to construct, modify, and manage complex parts in 3D space as well as to produce 2D drawings from the 3D models.

DESIGN PROJECTS (repeatable course)

TR	Semester 1, 2	9,10,11,12
	Credit:	2 hours per semester
	Prerequisite:	2+ GB jump drive
	Fee:	\$20

This class will design and build up to three projects per semester. Projects may include Bridges, CO2 Race Cars, Powered Gliders, Packaging, Spinning Tops, Aeroracers, Towers, 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; once in the fall and once in the spring.**

WOODS (Construction Technology)

TR	Semester 1, 2	9,10,11,12
	Credit:	2 hours per semester
	Prerequisite:	None
	Fee:	\$35



This is an introductory woodworking class for students with varying levels of woodworking experience. It is a foundation course in safe and correct woodworking tool and machine operation. Students will use the majority of tools and machines throughout the process of building their project. Students will choose between a clock or inlay box project as well as rotate through a woodturning unit.

DIGITAL PHOTOGRAPHY

MWF	Semester 1, 2	9,10,11,12
Block	Credit:	3 hours per semester
		2 +GB jump drive

This is an introductory class in digital photography. It will cover the basic operation of a digital camera, camera terminology, camera adjustments, photo composition, image capture, organization and output. Digital image editing techniques using Adobe Photoshop software will also be covered. Students will be required to complete several photo shoots inside and outside of class. Law and ethics as related to the use and distribution of photos and internet use will be discussed.

ENGINEERING 1 & 2 (Engineering and Technology)

TR	Semester 1, 2	11, 12
		Fall semester- Engineering 2, grade 12
		Spring semester- Engineering 1, grade 11
Block	Credit:	3 hours per semester
	Prerequisite:	Technology Studies (1 semester of CAD, 9 weeks of Manufacturing and 9 weeks of Architecture) or Instructor Approval
	Fee:	\$40

Students in Engineering 1 will work in teams where they will move through the Engineering Design Process of: Understanding the need, Brainstorming, Design selection, Planning, Creation of a prototype, and Improvement. Students in Engineering 2 will delve further into the design process by considering additional factors in the implementation of a design. They are: 1) Cost to make and use, 2) Quality, 3) Reliability, 4) Environmental considerations, 5) Safety, 6) Functionality, 7) Ease of use, 8) Aesthetics, 9) Maintainability, 10) Ease/Cost of construction and manufacturability. Students in both classes will develop their 21st Century Skills in the areas of 1) Critical Thinking and Reasoning, 2) Information Literacy/Fluency, 3) Creativity and Invention, 4) Collaboration and 5) Self-Direction and Empowerment. Engineering 1/2 will be the culmination and application of all the knowledge a student has gained in **Science, Technology and Math**. It will complete **STEngineeringM**.

INTRO. TO COMPUTER SCIENCE

MW F	Semester 1 or 2	9, 10, 11, 12
	Credit:	3 hours per semester
	Prerequisite:	Algebra I

This is a semester-long course that will provide an introduction to the fundamentals of computer science as an intellectually rich and vibrant field rather than focusing exclusively on computer programming. This course emphasizes concepts, problem-solving, syntax and programming language features. We will use the Python language and the rich set of tools and packages that allow a novice programmer to write useful programs. There will be an emphasis on problem solving, which is the ability to formulate problems, think creatively about solutions, and express a solution clearly and accurately. This course combines some of the best features of mathematics, engineering, and natural science.

INTRO. TO COMPUTER SCIENCE 2: Advanced Python

TR	Semester 1 or 2	9, 10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	Intro to Computer Science 1
	Requires:	Laptop computer (Any OS, Chromebook okay)

This is a semester-long course that will build on Intro to Computer Science 1. We will review what we learned in the previous course, and then learn topics including abstract data types, sorting and searching, and tree and graph algorithms.

INTRO. TO COMPUTER SCIENCE 2: Web Design: HTML, CSS & JavaScript

TR	Semester 1 or 2	9, 10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	Algebra I
	Requires:	Laptop computer (Any OS, Chromebook okay)

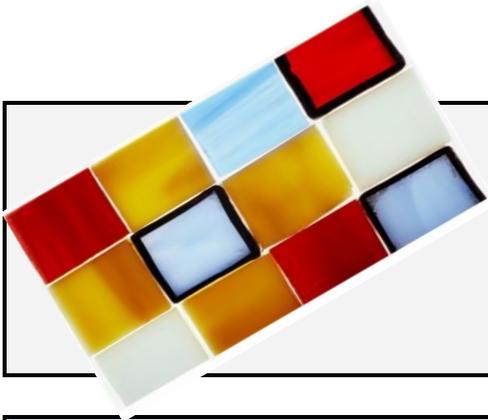
This is a semester-long course that teaches you the basics of HTML, CSS and Javascript. Javascript is used to program the behavior of web pages. Among other things it can change content, attributes, and styles, and it can validate data. This is an introductory course, but having taken Intro to Computer Science 1 or having previous exposure to computer programming will be very beneficial.

INTRO. TO COMPUTER SCIENCE 2: Java Programming

TR	Semester 1 or 2	9, 10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	Algebra I
	Requires:	Laptop computer (Mac OS, Windows OS, or Linux OS)

This is a semester-long course that introduces you to the Java programming language. Java is a general-purpose computer programming language that is concurrent, class-based, object-oriented, and specifically designed to have as few implementation dependencies as possible. This course emphasizes concepts, problem-solving, syntax and programming language features. There will be an emphasis on problem solving, which is the ability to formulate problems, think creatively about solutions, and express a solution clearly and accurately. This is an introductory course, but having taken Intro to Computer Science 1 or having previous exposure to computer programming will be very beneficial.

VISUAL ARTS DEPARTMENT COURSES AND PREREQUISITES



Non Prerequisites by Grade Level

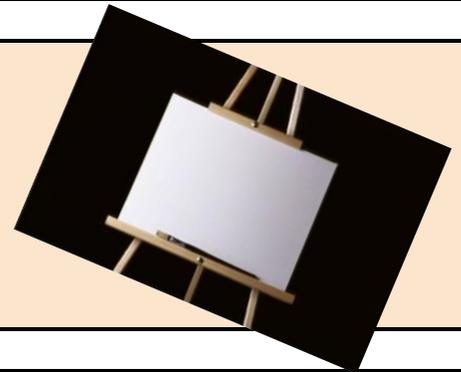
ART FOUNDATIONS
9th, 10th, 11th, 12th
Jewelry
10th, 11th, 12th
Ceramics
11th, 12th

Other Course Options by Grade Level

Drawing
9th (2nd semester only), 10th, 11th, 12th
Prerequisite: Art Foundations

Dimensional Design
9th (2nd semester only), 10th, 11th, 12th
Prerequisite: Art Foundations

Acrylic Painting, Watercolor Painting, Printmaking
11th, 12th
Prerequisites: Art Foundations



Digital Art & Design
10th, 11th, 12th
Prerequisite: Art Foundations & Tech Studies I or Design Projects

Photography
11th, 12th
Prerequisite: Art Foundations
***YOU MUST HAVE INSTRUCTOR APPROVAL FOR THIS COURSE**

Studio Art
11th, 12th
Prerequisite MINIMUM: Art Foundations & Drawing & Dimensional Design

VISUAL ARTS DEPARTMENT

ART FOUNDATIONS

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

This course is a basic level art course combining the concepts and techniques of design and drawing. The students will be exposed to a theme based curriculum geared towards ideation and concept building within their art. Brainstorming, concept mapping, and various other techniques will be used to develop project ideas. The elements and principles of design as well as basic drawing concepts will be explored during each theme and project. Critiquing and reflection of art examples, both student and professional work, will be used to help develop the techniques and ideas learned throughout the semester.

DRAWING

MWF	Semester 1, 2	9 (semester 2 only), 10, 11, 12
	Credit:	3 hours per semester
	Prerequisite:	Art Foundations
	Fee:	\$15.00

This is an advanced course in drawing with a continuation of techniques and styles explored in Drawing I/Art Foundations. Greater expectations will be placed upon the student in terms of their skill level, willingness to experiment, level of commitment, and the use of creativity and problem-solving skills. Students will be expected to create drawings during the semester that will illustrate their proficiency in these drawing and thinking skills with emphasis on craftsmanship. The Drawing II student should expect to produce several pieces of artwork worthy of display.

DIGITAL ART & DESIGN

MWF	Semester 1, 2	10, 11, 12
	Credit:	3 hours per semester
	Prerequisite:	Art Foundations & Design Projects or Tech Studies I
	Fee:	\$15.00

This course will introduce computer technology to produce an artistic image. Students will learn computer illustration techniques, image manipulation, and the principles and elements of art in composition. This course is meant to be a DIGITAL DRAWING CLASS. Students will use digital drawing tablets to create original works of art. Each student should have a basic knowledge of drawing, composition, computer programs used in design projects and tech studies I.

DIMENSIONAL DESIGN

TR	Semester 1, 2	9 (semester 2 only), 10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	Art Foundations
	Fee:	\$15.00

Students will show their visual and creative problem-solving skills through the use of a variety of mediums. This course will build on the Design skills learned in your previous classes. Greater expectations will be placed on you, the student, in terms of the skill level, willingness to experiment, level of commitment, and use of craftsmanship. An element of dimension (3-D quality) will be added to each of the projects completed during the semester.

JEWELRY I

TR	Semester 1, 2	10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	None
	Fee:	\$30.00

This course builds skills and confidence in jewelry making and design development, with an emphasis on craftsmanship. Student will use a variety of jewelry making techniques to create various kinds of projects in this course. Materials and techniques used throughout the semester include; pewter casting, soldering, stone setting, enameling, etching, and metalsmithing using brass, copper, nickel and silver. Student will leave this course with several original and unique jewelry pieces.

ADVANCED JEWELRY

TR	Semester 2	10, 11, 12
	Credit:	2 hours per semester
	Prerequisite:	Jewelry I
	Fee:	\$30.00

In this course, students will further their skills learned in Jewelry I, while exploring new jewelry making techniques. There will be a greater emphasis placed on developing original jewelry designs. Students will be expected to further their understanding of the creative process. Some projects will be driven by student choice, while other projects will be technique based. This class is perfect for students who want to further explore jewelry making techniques and processes.

CERAMICS

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

The student will gain a working knowledge of the basic hand-building methods in clay. These techniques may include coiling, slabs, modeling, and molding. Every student will gain experience using the potter's wheel to create functional objects. Students will learn how to apply surface treatments and glazes to their projects, as well a basic introduction to the kiln firing processes used within the field of ceramics. Throughout the course, students will be encouraged to initiate their own ideas and use creative problem solving within the products they produce.

PHOTOGRAPHY

MWF	Semester 1, 2	11, 12
	Credit:	3 hours per semester
	Prerequisite:	Art Foundations & teacher approval
	Fee:	\$20.00

***You will be required to have a 35mm (FILM) SLR camera for this course.**

Students will learn the fundamentals of basic black and white film photography including composition, pinhole photography, processing of black and white film, darkroom processes and techniques, and enlarging and mounting of prints. In addition to photography techniques, students will be creating and critiquing photos from an aesthetic point of view. Photos will be taken outside of class and will be allow you to show personal expression and creativity.



PRINTMAKING

MWF	Semester 1	11, 12
	Credit:	3 hours per semester
	Prerequisite:	Art Foundations
	Fee:	\$20.00

Students will learn basic printmaking techniques that include: relief, silk-screen, mono-print, stamping and etching. There will be an emphasis placed on craftsmanship and design development. Students will create projects based on the techniques learned throughout the course which will include creating an original t-shirt design.

PAINTING: ACRYLIC

MWF	Semester 1	11, 12
or TR	Credit:	2 or 3 hours per semester
	Prerequisite:	Art Foundations
	Fee:	2 credit (TR) option only offered Semester 2 \$20.00

This course, even though a beginning painting course, is not designed for the beginning art student. The student will be expected to have a working knowledge of color theory, composition, and basic craftsmanship skills. The student can expect to gain knowledge of how to manipulate acrylic paints through the use of techniques. Students will use a variety of painting surfaces and learn how to build and stretch 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-evaluations and group critiques where they analyze the works of other class members. Students will be exposed to historical and contemporary artists working with the same medium.

PAINTING: WATERCOLOR

MWF	Semester 2	11, 12
	Credit:	3 hours per semester
	Prerequisite:	Art Foundations
	Fee:	\$20.00

This course, even though a beginning painting course, is not designed for the beginning art student. The student will be expected to have a working knowledge of color theory, composition, and basic craftsmanship skills. The student will learn a variety of techniques with the medium of watercolor that will be applied within their paintings. The students will learn how to prepare a painting and apply the medium to a variety of paper surfaces. 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-evaluations and group critiques where they analyze the works of other class members.



STUDIO ART (repeatable course)

MWF	Semester 1,2	11,12
	Credit:	3 hours per semester
	Prerequisite:	<u>At a minimum:</u> Art Foundations & Dimensional Design & Drawing
		Pre-approval of the instructor required
	Fee:	\$20.00

This course is offered for the advanced art student. The purpose of this class is to allow you, 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. Students consider what they want to work on, and submit a plan which is approved by the teacher. Most students complete 3-4 long term projects during the semester. This class is perfect for the student looking to build a portfolio of work!

WORLD LANGUAGES DEPARTMENT



World Languages Classes

French I
French II
French III

Spanish I
Spanish II
Spanish III
Spanish IV
AP Spanish Language

Mandarin Chinese I
Mandarin Chinese II
Mandarin Chinese III
Mandarin Chinese IV

World Languages Department

World Languages courses concentrate on the development of speaking, reading, writing and listening comprehension in the target language. All students wishing to take a World Language are encouraged to have earned an A or a B in previous/current Language Arts and/or World Languages courses and have scored Advanced or Proficient on Writing and Reading from the most recently taken PARCC test. All World Languages Courses must be taken sequentially and it is highly recommended that all World Languages courses be taken consecutively.

WORLD LANGUAGES DEPARTMENT

FRENCH I

MTWRF Semester 1 & 2 9, 10, 11, 12
Credit: 5 hours per semester
Prerequisite: S1- None, S2- French I-S1

This course is designed to introduce students to the French language and Francophone culture. The student will read and write simple texts; listen to and understand a basic conversation; and, respond orally to a given situation.

FRENCH II

MWF Semester 1 & 2 9, 10, 11, 12
Credit: 3 credits per semester
Prerequisite: S1- a passing grade in French I
S2- a passing grade in French II—S1

French II recycles all vocabulary and grammar learned in French I as well as introduces more complex grammatical structures and new thematic vocabulary. Students compose short paragraphs, understand native speech and read short stories. French culture is studied thematically throughout each unit.



FRENCH III

MWF Semester 1 & 2 9, 10, 11, 12
Credit: 3 credits per semester
Prerequisite: S1- a passing grade in French II
S2- a passing grade in French III—S1

French III is an advanced level course which uses all grammar and vocabulary studied in French I and II. Complex grammar is studied. French III students read a variety of texts including short stories and write short essays. Students conduct conversation in the target language. French III places heavy influence on the use of multiple verb tenses. French culture is studied in each unit.

FRENCH IV

TF Semester 1 & 2 9,10,11,12
Credit: 2 credits (Independent Study Basis)
Prerequisite: Passing grade in French III

French IV is an advanced course that uses all grammar, vocabulary, and cultural themes taught in French I, II, and III to communicate effectively in French. French IV students read a variety of text types in French, listen and understand French at an authentic rate of speech, and communicate using the French language through speaking and writing. Cultural themes and topics from the Francophone world are integrated throughout the year.

SPANISH I

MTWRF	Semester 1 & 2	9, 10, 11, 12
	Credit:	5 credits per semester
	Prerequisite:	S1-None S2-a passing grade in Spanish I-S1



Spanish I is an introductory course to the Spanish language. Students will develop the skills necessary to read, write, speak and understand the Spanish language. Students will write simple sentences, verbally answer questions, carry out short conversations, understand both native and non-native speakers and read short paragraphs including authentic texts. Varying cultures of the Spanish speaking world are introduced and studied thematically throughout each unit.

SPANISH II

MWF	Semester 1 & 2	9, 10, 11, 12
	Credit:	3 credits per semester
	Prerequisite:	S1-a passing grade in Spanish I S2-a passing grade in Spanish II-S1

Spanish II recycles all vocabulary, grammar and cultural themes learned in Spanish I as well as, introduces more complex grammatical structures and new thematic vocabulary. Students compose short paragraphs, understand native speech, read short stories and conduct conversations in the target language. Varying cultures of the Spanish speaking world are studied thematically throughout each unit.

SPANISH III

MWF	Semester 1 & 2	9, 10, 11, 12
	Credit:	3 credits per semester
	Prerequisite:	S1-a passing grade in Spanish II S2-a passing grade in Spanish III-S1

Spanish III is an advanced level course which uses all grammar, vocabulary and cultural themes studied in Spanish I and Spanish II. Complex grammar is studied. Spanish III students read a variety of texts including authentic short stories and write short essays. Students conduct conversations in the target language. Spanish III places a heavy emphasis on using multiple verb tenses in reading, writing, speaking and listening. Varying cultures of the Spanish speaking world are studied thematically throughout each unit.

SPANISH IV

MWF	Semester 1 & 2	9, 10, 11, 12
	Credit:	3 credits per semester
	Prerequisite:	S1-a passing grade in Spanish III S2-a passing grade in Spanish IV-S1

Spanish IV is an advanced course that uses all grammar, vocabulary and cultural themes taught in Spanish I, II and III to communicate effectively in Spanish. Spanish IV students read a variety of texts including authentic literature and novels, write essays, hold conversations and debates in class in Spanish, and are able to understand native speakers at an authentic rate of speech. Art and literature of the Spanish speaking world as well as cultural topics and themes are studied.

ADVANCED PLACEMENT SPANISH LANGUAGE

MTWRF	Semester 1 & 2	10, 11, 12
	Credit:	5 credits per semester
	Prerequisite:	S1-a passing grade in Spanish IV S2-a passing grade in AP Spanish Language-S1
	Fee:	Students are required to purchase the A.P. Spanish Language textbook

AP Spanish Language is an advanced course that uses all grammar, vocabulary and cultural themes studied in Spanish I-IV. Through reading authentic texts, listening to native speakers, writing and speaking, AP Spanish Language students prepare themselves to take the Advanced Placement test in May.

MANDARIN CHINESE I

MTWRF Semester 1 & 2 9, 10, 11, 12
Credit: 5 credits per semester
Prerequisite: S1-None
S2-a passing grade in Chinese I-S1

Mandarin Chinese I is an introductory course that teaches the Chinese pronunciation system, the rules and methods for writing Chinese characters, basic vocabulary, and sentence patterns. Students will learn to make simple greetings, conversations, to give short oral presentations, to write Chinese characters, and to read and write short sentences, passages in characters. Chinese culture is introduced during the course.

MANDARIN CHINESE II

MWF Semester 1 & 2 9, 10, 11, 12
Credit: 3 credits per semester
Prerequisite: S1-a passing grade in Chinese I
S2-a passing grade in Chinese II-S1

Mandarin Chinese II re-emphasizes the pronunciation and character writing systems and teaches more characters, vocabulary, and complex grammatical structures. Students learn to give short oral presentations and to write short paragraphs in characters. More Chinese culture is introduced.

MANDARIN CHINESE III

MWF Semester 1 & 2 9, 10, 11, 12
Credit: 3 credits per semester
Prerequisite: S1-a passing grade in Chinese II
S2-a passing grade in Chinese III-S1

Mandarin Chinese III is a more advanced course which uses and develops all fundamental knowledge from Chinese I and Chinese II. More characters, vocabulary and complex grammar are studied. Students learn to give longer oral presentations and to compose short essays in characters. Chinese culture topics are introduced and discussed.

MANDARIN CHINESE IV

MWF Semester 1 & 2 9, 10, 11, 12
Credit: 3 credits per semester
Prerequisite: S1-a passing grade in Chinese III
S2-a passing grade in Chinese IV-S1

Mandarin Chinese IV is an advanced course that uses knowledge and skills of listening, speaking, reading and writing taught in Chinese I, II and III to progress further in Chinese. Students learn to give short speeches in class and to communicate more comfortably in Chinese. More Chinese cultural topics are introduced and discussed.



UNIQUE COURSE OFFERINGS

ACADEMIC INTERNSHIP

- Semester 1, 2 11, 12
Credit: 10 credit hours per semester (Limit of 2 sem.)
Prerequisites: 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 PEER COACHES

- Semester 1, 2 10, 11, 12
Credit: 1, 2, or 3 credits
Prerequisite: Teacher approval

Do you enjoy helping your peers succeed in their classes? As an Academic Peer Coach, you will help students become more effective learners by promoting and demonstrating successful study habits. Academic Peer Coaches will be working with a PARA Professional and certified teachers to help assist students improve their organizational skills, gain a better understanding of their homework assignments and prepare for exams. Students must be enrolled in the minimum required hours for their grade level before adding Academic Peer Coach hours. **The hours will not count toward meeting departmental requirements.**

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.

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. 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 by department and administrative approval.

LEADERSHIP

Semester 1 11, 12
Credit: 2 hours
Prerequisite: Accepted as a Link Crew Leader, through application process

Leadership is a class designed to not only facilitate connections between Link Leaders and their freshmen, but also to train students, through theory and practice, in the various aspects of leadership. This course is available to all students who have been accepted to the Link Crew Leadership program, through the spring application process. The curriculum includes the exploration of different leadership styles/skills and how those style/skills relate to various organizational behaviors. This course also provides students an opportunity to investigate, analyze, and apply various theories of leadership within their everyday lives. Students are expected to participate in several service projects, projects specific to Link Crew, and make connections with their assigned freshmen.

STUDENT ASSISTANT (repeatable course)

Semester 1 or 2 10, 11, 12
Credit: 1 or 2 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. Students may apply a total of 6 hours towards the elective hours needed for graduation, and must be enrolled in the minimum required hours for their grade level before adding student assistant hours. **The hours will not count toward meeting departmental requirements.**

STUDENT TEACHERS EDUCATIONAL PARTNERS (STEP) (repeatable course)

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.

STUDY CENTER (repeatable course)

Semester 1, 2 9, 10, 11, 12

Credit: 1, 2, or 3 hours per semester (Pass/Fail)

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. Students may apply a total of 6 hours of Study Center credit toward the elective hours needed for graduation, and must be enrolled in the minimum required hours for their grade level before adding study center hours.

LITTLETON PUBLIC SCHOOLS – ACTS INFORMATION

Career and Technical Education Registration Information



For Current Course Descriptions and Location Information for ACTS Courses please go to www.lps2.it/ACTS and click on the ACTS Courses Tab.

Some of the Courses frequently offered:

- | | |
|--|---|
| <ul style="list-style-type: none">● Intro to Agriscience● Alternative and Renewable Energy● Animal Science● Architectural Drafting● Automotive Technology 1● Aviation● Aviation Fundamentals● Broadcast Journalism● Cabinet and Furniture Making● Criminal Justice● Commercial Art● Comprehensive Commercial Photography● Comprehensive Graphic Design● Cosmetology● Digital Commercial Photography | <ul style="list-style-type: none">● Esthetics● Equine Science● Fashion Design● Fire Science● Health Sciences Program● Introduction to Veterinary Science● Mechanical Drafting● Nail Tech● Natural Resources● Prostart 1 and 2 – Englewood HS
(Each a year-long course)● Prostart 1 and 2 – Thunder Ridge HS
(Each a year-long course)● Teacher Cadet |
|--|---|

About Career & Technical Education

Career and Technical training is available to students from Cherry Creek, Douglas County, Englewood, Littleton and Sheridan school districts. The five school districts partner with Arapahoe Community College. Programs are located in a variety of locations. High school juniors and seniors are eligible to attend. Students must have good attendance, the ability to get along with others, and the ability to work in a group and independently. Strong academic ability is advantageous because college work is often required.

Important Dates!

February 2017 - Application deadline - application must be submitted online.

April 2017 - Out-of-district students notified of acceptance.

May 2017 - Students finalize registration process by attending course orientation (student will be notified of the date and location).

Classes are filled on a first come first serve basis.

Enrollment Process

Step 1 – Gather all relevant information via our website (www.lps2.it/ACTS), phone calls, emails and meetings. Check with your counseling office for more information

Step 2 – Complete an application for admission available online or check with the counseling office

Step 3 – Verify course choice and approximate class time with your high school counselor for scheduling purposes.

Step 4 - Submit your application online

Transportation and Credit

All students must arrange and provide their own transportation to and from the classes. Credits will vary by course and by school district. Please check with our website or your school counselor for more information. Most courses are one year in duration. Students must take the course for the entire year. A semester long class will be indicated as such. Course fees are attached to some courses. These fees are dependent on the course and may cover materials, supplies, textbooks or uniform costs.

Concurrent Enrollment Courses

Many of the CTE courses are “concurrent enrollment” courses. See below for answers to the frequently asked questions about this program. **What is Concurrent Enrollment?** Eligible students receive both high school credit and college credit when taking concurrent enrollment classes. Students begin building a college transcript while they complete their high school graduation requirements. Students must receive a grade of C or better to receive college credit.

Am I eligible for Concurrent Enrollment? High school students in grades 11-12 must demonstrate the academic ability and meet the necessary prerequisites to take concurrent enrollment classes. See *Student Steps for Concurrent Enrollment*

<http://www.littletonpublicschools.net/Default.aspx?tabid=8005>

What is the college Opportunity Fund (COF)? All students taking concurrent enrollment classes must apply for COF. The COF stipend pays a portion of a student’s tuition. All students must complete the COF application at

<http://cof.college-assist.org/COFApp/COFApp/Default.aspx>

What’s the cost? Tuition is paid by your school district and the College Opportunity Fund. Students are responsible for any textbook or fees associated with the class. Students will be expected to reimburse the district for the cost of the tuition if the student does not pass with a “C” or better. See *CE Promissory Note* <http://www.littletonpublicschools.net/Default.aspx?tabid=8005>

Is this right for me? Will my credits transfer? Concurrent Enrollment creates options for students still in high school. It prepares students for the rigor and culture of college. Students build a college transcript while still in high school. Students may transfer their college credits to any two or four year college or university. Check with the accepting institution for credit acceptance.

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