

ARAPAHOE HIGH SCHOOL PATHFINDER 2022-2023



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SCHOOL OF EXCELLENCE
United States Department of Education**

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STUDENT PUBLICATIONS NONDISCRIMINATION STATEMENT

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

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

Arapahoe High School utilizes a block schedule. This schedule maximizes student contact time with teachers while allowing for multiple opportunities to take elective classes to pursue personal interests. Electives are offered in both semester-long and quarter-long formats. All students are also encouraged to allow for two unscheduled hours in order to meet with teachers and/or engage in other pursuits. Our scheduling system also allows for other important features:

- 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.
- An advisory time, TRIBE, is built into every student's schedule. TRIBE times are designated as community or enrichment. During community TRIBES, students will focus on lessons that focus on Tradition, Relationships, Innovation, Balance and Excellent. During enrichment TRIBES, some teachers will schedule students for re-teaching or extension during this time; otherwise, students may use the period to focus on homework and other academic activities.
- 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 the library for intensive study. The library also offers collaborative study spaces for group planning, presentations, and study time.
- Our cafeteria offers time for student relaxation, socialization, and study time.
- Our comprehensive/college preparatory curriculum allows 100% of students prepared for meaningful postsecondary opportunities.
- Wider range of educational experiences including core and elective subjects.
- A Counseling and Postsecondary 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

Pending LPS Board of Education Approval - May 2021

General Requirement: Students must pass a minimum of 22 credits in grades 9-12. Most Arapahoe students far exceed these minimums. In addition to these requirements, starting with the class of 2021, students must meet the new Colorado state graduation competency menu (see next page).

I. Language Arts — 4 credits distributed as follows:

- A. English 9 - S1 and S2
- B. English 10 - S1 and S2 or Honors American Literature - S1 and S2.
- C. Electives — remaining semester credits necessary to total 4 credits.
- D. Alternate electives — Journalism classes qualify for elective credit, a maximum of .5 credits for successfully completing a third year of a World Language, Drama: History/Literature.

II. Social Sciences — 3.75 credits distributed as follows:

- A. 9th Grade - U.S. History - S1 and S2, or Honors U.S. History - S1 and S2
- B. 10th Grade - World Geography and Civilizations - S1 and S2 or Advanced Placement Human Geography - S1 and S2.
- C. 11th Grade - Students will take at least a 1.0 of credit among a variety of options
- D. 12th Grade - American Government or Advanced Placement American Government.
- E. 12th Grade - Economics or Advanced Placement Economics.

III. Mathematics — 2 Credits- 4 different semesters (8 semesters strongly recommended)

IV. Science — 2 Credits- 4 different semesters of a lab based science (8 semesters strongly recommended).

V. Fine Arts and Practical Arts — 1.5 credits.

- A. Fine Arts- Students must successfully complete a total of 0.5 credits from the Visual or Performing Arts
 - a. Alternate Course - Public Speaking.
- B. Practical Arts- Students must successfully complete a total of 0.5 credits distributed as follows:
 - a. Personal Finance is a graduation requirement beginning with the class of 2020; this course will be completed during the junior 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 Family and Consumer Sciences

VII. Physical Education — 1.5 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 sophomore or junior year.
- C. Waiver - 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 0.25 credit waiver equivalent to the quarter 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 0.25 credit waiver upon completion of their fourth year; a marching band participant completing three years will receive a 0.125 credit 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 22 credits for graduation from Arapahoe High School. (Two years of the same World Language is strongly recommended.)

COLLEGE ENTRANCE AND HEAR REQUIREMENTS

Students planning to attend a four-year college or university in Colorado should complete the following classes in order to fulfill the Higher Education Admission Recommendations (HEAR). HEAR is one factor of many that public four-year institutions consider in the admission decision process. [Visit the CDHE Admission webpage](#) to learn about all admission review factors.

Students who are planning to attend a four-year college or university should know that gaining admission to college is competitive. 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.**

HEAR MINIMUM Higher Education Admission Recommendations		AHS MINIMUM Arapahoe High School Graduation Requirements as of November 2021. State Legislation and LPS Board may alter these requirements	
	**Carnegie Credits		Arapahoe HS Credits
English	4 years	English	4 years (4 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 (3.75 credits)
World Language	1 year	Physical Ed.	1.5 credits (incl. Health & Swimming)
Other Academics	2 years	Fine Arts & Practical Arts	1.5 credits
Total Required	17 years	Electives	Remaining credits to total 22
	**One year = 1 Carnegie Credit	2 years of the same World Language is highly recommended.	
		Total Required	22 credits

The following courses are the recommended for AHS students based of the HEAR Recommendations:

English

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

History and Social Studies

U.S. History, World Geography and Civilizations, Social Studies electives (2 semesters) Government, and Economics.

Mathematics

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

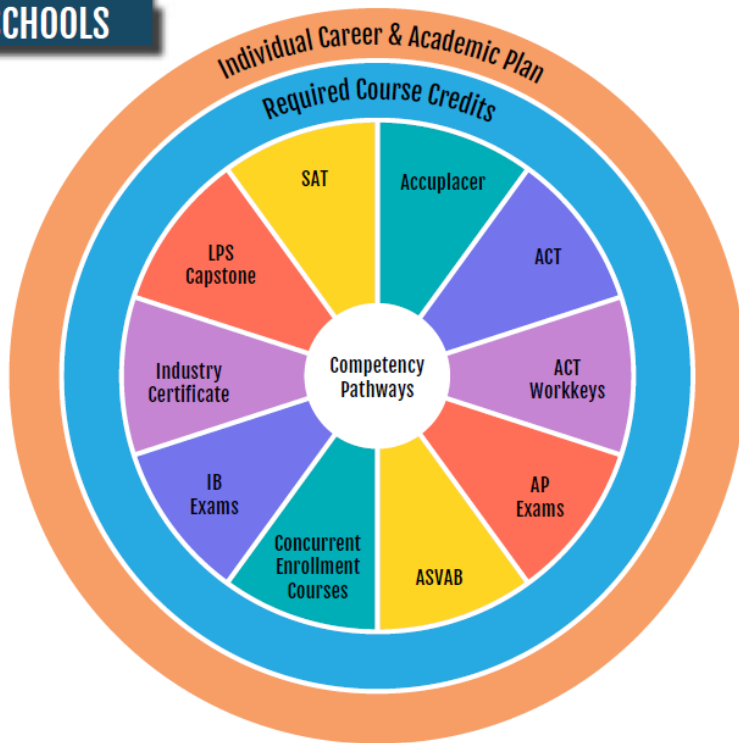
One year of Integrated Science and one year of Biology are minimum requirements. A year of either Chemistry or Physics, preferably both, is strongly recommended. Chemistry is required for students interested in health care fields. Physics is required for architecture and engineering.

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

YOUR FOUR YEAR ACADEMIC PLAN

Use this page to plan and track your progress.

Subject	9	10	11	12	9	10	11	12	
ENGLISH 4 minimum/4 years	English 9 - S1	English 10 - S1							
	English 9 - S2	English 10 - S2							
SOCIAL STUDIES 3.75 minimum/4 years	US History - S1	World Geography- S1		Economics					
	US History - S2	World Geography- S1		Government					
MATHEMATICS minimum = 4 different semesters recommended = 8 different semesters									
SCIENCE minimum = 4 different semesters recommended = 8 different semesters									
PRACTICAL ARTS & FINE ARTS 1.5 credits minimum			Personal Finance or CE Personal Finance is a graduation requirement						
PHYSICAL EDUCATION 1.5 minimum	Swimming is a graduation requirement; most students take it freshman year	Health is a graduation requirement. Recommend students take freshman or sophomore year							
ELECTIVES Remaining credits selected to total 22 Two years of World language is strongly recommended									
				Yearly Total					22



ICAP

Individual Career and Academic Plan (ICAP) – Required for all students
Info: www.littletonpublicschools.net/content/icap

Required Course Credits

Required for all students - Policy IKF-E
Info: www.tinyurl.com/LPS-IKF-ReqCredits

Accuplacer

Next Generation Accuplacer – As set by the CDE
Info: www.cde.state.co.us/postsecondary/grad-menu

ACT

American College Testing (ACT) – Passing score as set by the CDE
Info: www.cde.state.co.us/postsecondary/grad-act

ACT Workkeys

National Career Readiness Certificate – Score Bronze or higher
Info: www.cde.state.co.us/postsecondary/actworkkeys

AP Exams

Advanced Placement (AP) Exam – Score 2 or higher
Info: www.cde.state.co.us/postsecondary/grad-advanced

ASVAB

Armed Services Vocational Aptitude Battery (ASVAB) – Score 31 or higher
Info: www.cde.state.co.us/postsecondary/grad-asvab

Concurrent Enrollment Courses

Course grades "C" or higher
Info: www.cde.state.co.us/postsecondary/grad-concurrent

IB Exams

International Baccalaureate (IB) Exam – Score 4 or higher
Info: www.cde.state.co.us/postsecondary/grad-ib

Industry Certificate

Credential recognized by by business and industry. They are district determined.
Info: www.cde.state.co.us/postsecondary/grad-industry

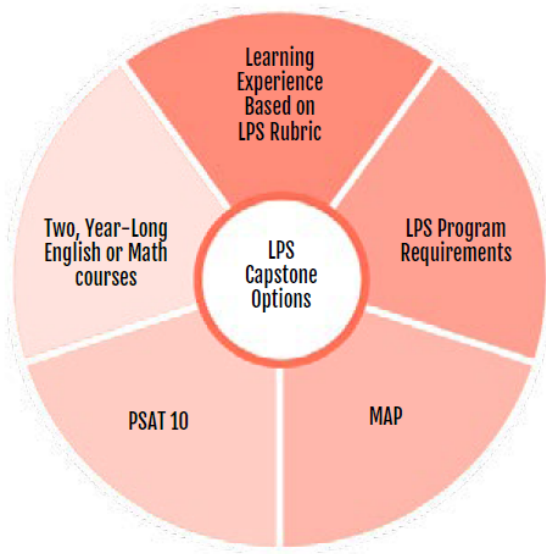
LPS Capstone

See page 2

SAT

Scholastic Aptitude Test (SAT) – Passing score as set by the CDE
Info: www.cde.state.co.us/postsecondary/grad-sat

GRADUATION COMPETENCY MENU



Learning Experience Based on LPS Rubric

Info: www.tinyurl.com/LPS-Rubric

LPS Program Requirements

Program requirements for a small percentage of English learners, gifted students and students with disabilities, when necessary.
Info: www.tinyurl.com/LPS-ELD-Graduation

MAP

Measure of Academic Progress (MAP)
Math – Rausch Unit (RIT) score 246 or higher
English – Rausch Unit (RIT) score 230 or higher
Info: www.littletonpublicschools.net/content/map

PSAT 10

Preliminary Scholastic Aptitude Test 10 (PSAT 10)
10th Grade Benchmark – As set by College Board
Info: <https://collegereadiness.collegeboard.org/about/scores/benchmarks>

Two, Year-Long English or Math Courses

Each course passed with a "B" or higher by the end of each course

WHAT IS A CAPSTONE EXPERIENCE?

LPS understands and values the belief that every student will demonstrate competency in their own unique way. In addition to the other ways to demonstrate competency, LPS capstone options are culminating exhibitions of structured experiences, performance opportunities or projects that demonstrate learning of predetermined outcomes. In LPS, students have an opportunity to select from a variety of authentic, rigorous learning opportunities that allow students to draw on their own assets, knowledge and skills to show their learning in meaningful ways.

The LPS capstone options serve as mechanisms for students to curate and display high quality work that demonstrates their competency of Colorado academic standards in English and math and career and college readiness skills. In LPS, students can demonstrate their competency through specific course completion, district competency assessments, cor-related college-readiness assessments and specific learning experiences.

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Dec 2021

Capstone Experience might be offered in the future in the following classes:

- Personal Finance
- Economics

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)

GENERAL INFORMATION

At Arapahoe High School, our goal is to prepare 100% of our students for meaningful postsecondary opportunities.

STUDENT COURSE LOAD

No student will take less than 6 classes per quarter. Any exception must be approved by the administration. The opportunity for students to enroll in 8 classes per quarter is available. All students are encouraged to allow for two unscheduled hours in order to meet with teachers and/or engage in other pursuits

SCHEDULING AND REGISTRATION

Scheduling and registration are a vital part of the high school learning experience. It is essential that students have some participation in these decision making processes. All students will be provided a list of courses that they can request online. Final schedules will be determined via the computer in Infinite Campus. Our scheduling processes enable students to make some decisions about their schedules as they can make some adjustments during finals week in May. 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.

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, 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. Based on [Board Policy IKA-R-2](#), after 10 school days (the first two weeks of a semester), 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.

PROCEDURES FOR DROPPING A CLASS

After the start of a semester, students have ten school days in which to drop a scheduled course. After ten days, a dropped class will result in a failing grade, and will be listed on the student transcript as "WF". This failing grade will be calculated into the student's GPA. In order to drop a class, a student must complete [this request form](#) and turn it into the Office of Curriculum and Instruction.

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. 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 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 postsecondary 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 our 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 Salutarian 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 post secondary opportunities including 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."

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 ATHLETICS

In order to participate in athletics sanctioned by the Colorado High School Activities Association (CHSAA), a student must be actively enrolled in **the minimum number of hours permitted per grade level** (6 classes per quarter). To maintain eligibility, a student cannot be failing in more than **1 class**.

WITHDRAWAL FROM SCHOOL

Parents or guardians must notify the Counseling Office 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.

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. Scores from these assessments may help students achieve competency towards graduation (see p. 10-11 above).

Freshmen take PSAT 9 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 have the option to take the PSAT/NMSQT in the fall and will take the SAT and CMAS Science in the spring.



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. 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 Secondary Center and their AHS counselor for additional information concerning college entrance examinations.

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**.

CLASS RANK AND GRADE POINT AVERAGE (GPA)

Cumulative grade point average and class rank are reported by the Counseling Office 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. Infinite Campus affords students and parents the ability to check grades at your convenience.

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.

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 assign grades, as they always do, including Fs. All students, including freshmen, will receive report cards with the Fs indicated. The freshmen Fs 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.

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.

PASS/FAIL OPTION

Students must meet with their counselors to further understand Littleton Public Schools Board Policy regarding the pass/fail option.

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 Rec Games Special Services Courses Stagecraft	STEP Student Assistant Studio Swimming Symphonic Band Technology Studies	Theatre Topics Video Production Weight Training I Weight Training II Wind Ensemble Women's Choir Yearbook Journalism
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LEARNING SUPPORT SERVICES DEPARTMENT

Arapahoe High School has a team of specialists who work with students who have an Individualized Education Plan (IEP). 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. 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 a subject-specific skills assessment 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 designed to reflect the rigor of a college-level class. Students should consult with specific departments to understand how to access AP classes.. Typically, 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 student's counselor prior to course enrollment.

Concurrent Enrollment

What is Concurrent Enrollment? Concurrent Enrollment is a college-level course offered on the high school campus or off-campus at ACC. Tuition is paid by Littleton Public Schools if the student receives a C grade or better. Students are responsible for transportation and any textbook or fees associated with the class if taken at ACC. 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.

LITTLETON
PUBLIC 
SCHOOLS



Dana Lévesque (*Donna Levek*)
Concurrent Enrollment Coordinator

Concurrent Enrollment

Watch this video for more information: <https://youtu.be/DepSQj2Jk6I>

Eligibility:

- Be in the 9th -12th grade | thru age 21
- Have 85% attendance or higher
- Meet any college course prerequisites, if applicable.
- Be on track for graduation

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.

Concurrent Enrollment



Do you want to
learn how

Concurrent Enrollment
can SAVE you
thousands of dollars?

Through Littleton Public School's partnership with ACC, you have access to a Concurrent Enrollment program, where:

you can earn COLLEGE credit while you're still in high school.

What you need to know

Concurrent Enrollment:

- Is available for 9th -12th graders through age 21
- Courses are FREE on LPS campuses
- Tuition is paid for by LPS if taken at ACC



Want to learn more?

- Speak to your counselor
- Check out the LPS Concurrent Enrollment website

<https://littletonpublicschools.net/concurrent-enrollment>

CONCURRENT ENROLLMENT

COLLEGE IS EXPENSIVE DID YOU KNOW...



Arapahoe offers 24 **Concurrent Enrollment** classes that allow you to earn high school and college credit at the same time in the same class **FOR FREE!**
Register for any of these great classes and save thousands of dollars!

Class	Teacher	Grade	Credits	Prerequisites
Business Department				
CE Intro to Business BUS 115	Mrs. Swank	10-12	.5	None
CE Social Media for Business MAR 155	Mrs. Grantham	10-12	.5	Must complete Marketing 1
CE Principles of Marketing MAR 216	Mrs. Grantham	11-12	.5	Must complete Marketing 1
CE Personal Finance BUS 116	Mr. Sawyer Ms. Swank	9-12	.5	None
English Department				
CE Humanities HUM 123	Mr. Miles	9-12	.5	3.0 GPA or ACT 18+ or PSAT/SAT 470+ Comb Reading/Writing or 246+ English Accuplacer
CE English Composition ENG 121	Mr. Miles	9-12	.5	3.0 GPA or ACT 18+ or PSAT/SAT 470+ Comb Reading/Writing or 246+ English Accuplacer
CE / AP Combination ENG 121 Fall	Mr. Kuhlman	9-12	.5	3.0 GPA or ACT 18+ or PSAT/SAT 470+ Comb Reading/Writing or 246+ English Accuplacer
CE / AP Combination ENG 122 Spring	Mr. Kuhlman	9-12	.5	3.0 GPA or ACT 18+ or PSAT/SAT 470+ Comb Reading/Writing or 246+ English Accuplacer
CE Intro to Literature LIT 115	Mr. Kuhlmann	9-12	.5	3.0 GPA or ACT 18+ or PSAT/SAT 470+ Comb Reading/Writing or 246+ English Accuplacer

Dual Enrollment - Math Department				
Dual enrollment is different than Concurrent Enrollment- See Math Department For More Details				
DE Calculus 1	Mr. Low	9-12	1.0	Must complete Trig/Pre Calculus
DE Calculus 3	Mr. Low	9-12	1.0	Must complete Calculus BC
DE Statistics	Mr. Low	9-12	1.0	Must complete Algebra 2

Technology Department				
CE/AP Comp Sci A CSC 160	Ms. Bownds	9-12	.5	CSC 119

World Language Department				
CE/AP Spanish Lang SPA 211 Fall	Mrs. Gutierrez	9-12	.5	SPA 112 or 356+ score on the ACC Language exam
CE/AP Spanish Lang SPA 212 Spring	Mrs. Gutierrez	9-12	.5	SPA 211

Social Studies Department				
CE Western Civ HIS 101 Fall	Mr. Corson Ms. Levi Ms. Price	9-12	.5	3.0 GPA or ACT 18+ or PSAT/SAT 470+ Comb Reading/Writing or 246+ English Accuplacer
CE Western Civ HIS 102 Spring	Mr. Corson Ms. Levi Ms. Price	9-12	.5	3.0 GPA or ACT 18+ or PSAT/SAT 470+ Comb Reading/Writing or 246+ English Accuplacer
CE/AP American Gov POS 111 Spring	Mr. Meyer	9-12	.5	3.0 GPA or ACT 18+ or PSAT/SAT 470+ Comb Reading/Writing or 246+ English Accuplacer

Performing Arts Department				
CE Theatre Topics: Acting 1 THE 111	Mr. Brooks	9-12	1.0	None
CE Theatre Topics: Acting II THE 116	Mr. Brooks	9-12	1.0	None
CE Company: Theatre Production THE 131	Mr. Brooks	9-12	1.0	None
CE Company: Theatre Production THE 132	Mr. Brooks	9-12	1.0	None

NCAA REQUIREMENTS

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Eligibility Center

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.

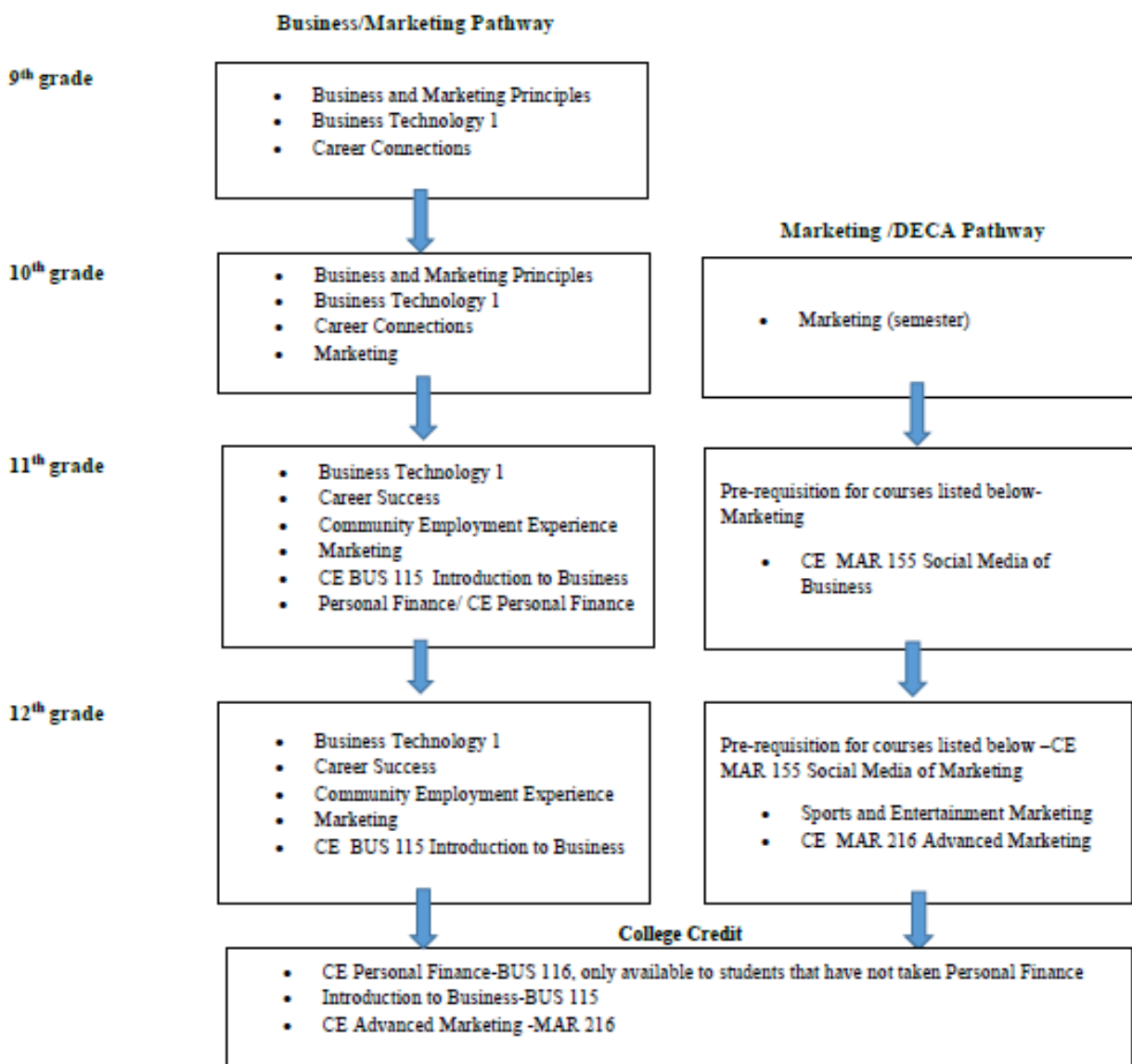
Sliding Scale A		
<i>Use for Division I prior to August 1, 2016</i>		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT	ACT Sum
<i>Verbal and Math ONLY</i>		
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	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

BUSINESS & MARKETING EDUCATION

BUSINESS MARKETING FLOWCHART

The Arapahoe Business Department is proud to offer a very diverse range of courses to prepare individuals for not only a potential career in business, but also for any career choice in life. Whether you are a doctor, musician, or architect, business skills and knowledge are essential to your success. Arapahoe requires 6 Practical Art credits to graduate, Personal Finance is a required Practical Art credit that is taken Junior year of high school.



The AHS Business Department is also unique in the extracurricular and co-curricular opportunities we offer for students to become involved beyond their classes and apply their knowledge, while at the same time meet new friends and gain invaluable leadership experience.

FBLA: Future Business Leaders of America

Club is open to all students in any grade interested in the area of business.

DECA: Association of Marketing Students

For those with a specific interest in marketing. Must be in a yearlong marketing class to be in this.

NBHS: National Business Honor Society

Juniors and Seniors who have completed or are in the process of completing 3 business classes, have a 3.0 GPA and a 3.5 GPA in their business classes.

Concurrent Enrollment

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

ACC Credit: BUS 115 Introduction to Business

.5 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: BUS 116 Personal Finance

.5 Credits

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.

ACC Credit: MAR 155 Social Media for Business

.5 Credits

Teaches students how to use social media as a business strategy and covers how to match that strategy with the goals of the business. This course helps students develop a better understanding of how marketing with social media is similar to and different from traditional marketing and how to best use online methods to further business goals.

ACC Credit: MAR 216 Principles of Marketing (Adv. Marketing) .5 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.

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!**



BUSINESS AND MARKETING EDUCATION DEPARTMENT

CONCURRENT ENROLLMENT

CE INTRODUCTION TO BUSINESS - BUS 115

Semester 1 or 2	11, 12
Credit:	.5 hours of high school credit and 3 hours of college credit
Prerequisite:	Must sign up for the College Opportunity Fund, apply to Arapahoe Community College and pass the class to receive college credit.
Fee:	Covered by LPS if all prerequisites are met.

'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.

CE SOCIAL MEDIA FOR BUSINESS- MAR 155

Semester 1 or 2	10, 11, 12
Credit:	.5 hours of high school credit and 3 hours of college credit
Prerequisite:	Must have successfully completed a semester of Marketing to enroll in MAR 155 Social Media Marketing.. Must sign up for College Opportunity Fund, apply to Arapahoe Community College and pass the class to receive college credit.
Fee:	Covered by LPS if all prerequisites are met.

Teaches students how to use social media as a business strategy and covers how to match that strategy with the goals of the business. This course helps students develop a better understanding of how marketing with social media is similar to and different from traditional marketing and how to best use online methods to further business goals.

CE PRINCIPLES OF MARKETING (DECA) - MAR 216

Semester 2	11, 12
Credit:	.5 hours of high school credit and 3 hours of college credit.
Prerequisite:	Must have successfully completed Marketing and MAR 155 Social Media Marketing and enroll in CE Principles of Marketing. Must sign up for College Opportunity Fund, apply to Arapahoe Community College and pass the class to receive college credit.
Fee:	Covered by LPS if all prerequisites are met.

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.

Marketing is a prerequisite for CE MAR 216, 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.

Business and Marketing Courses

CE PERSONAL FINANCE - BUS 116

Semester 1 or 2	11, 12
Credit:	.5 hours of high school credit and 3 hours of college credit.
Prerequisite:	Must sign up for the College Opportunity Fund, apply to Arapahoe Community College and pass the class to receive college credit.
Fee:	Covered by LPS if all prerequisites are met.

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. CE Personal Finance or Personal Finance will meet your graduation requirement. You may not take both.

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

PERSONAL FINANCE (Required in Junior or Senior year)

Semester 1 or 2	11, 12
Credit:	.5 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. CE Personal Finance or Personal Finance will meet your graduation requirement. You may not take both.

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

BUSINESS MARKETING ESSENTIALS (Previously Business/Marketing Principles)

Quarters	9, 10 grade
Credit:	.25 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 and entrepreneurship. Throughout 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. **Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.**

CAREER CONNECTIONS

Quarters	9, 10
Credit:	.25 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. Guest speakers from a variety of industries will give you a great opportunity to learn more about different careers. Post-secondary opportunities will also be identified and explored.

ACE CTE CAREER DEVELOPMENT II JOB SEEKING (CAREER SUCCESS)

Quarters	11, 12
Credit:	.50 hours
Prerequisite:	None

Want the tools to be able to get your dream job? This class is a golden opportunity for you to learn what employers want or expect from you as an employee before and after you get hired. What you know when starting your first job/career can have a huge, positive effect on your success. You'll learn the strategies guidelines from hiring managers that you will need for interacting with co-workers, employers, and the 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 Work Based Learning.

WORK BASED LEARNING (COMMUNITY EMPLOYMENT EXPERIENCE)

Semester	11, 12
Credits:	0.25-1.0 credits
Prerequisite:	Career Success

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 Career Success.
2. Commit to .5, .75 or 1 credit of Work Based Learning. 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.
3. Enrollment in Work Based Learning is limited to 2 semesters.

INTRODUCTION TO PC APPLICATIONS (Previously Known as Business Technology I)

Quarters	9, 10, 11, 12
Credit:	.25 hours
Prerequisite:	None

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 . Skills that you will learn in this course can help you in both school and the workplace.

Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.

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

Semester	10, 11, 12
Credit:	.5 credits per semester
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 retail sales. Students will also explore the world of advertising and sales promotion and the creative ways that businesses communicate with their potential customers. **Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.**

Students enrolled in Marketing classes are encouraged to 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.

EVENT MARKETING (SPORTS & ENTERTAINMENT MARKETING)

Semester	11, 12
Credit:	.5 credits
Prerequisite:	Marketing

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.

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.

Students enrolled in Marketing are encouraged to 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

CE PRINCIPLES OF MARKETING - MAR 216

Semester	11, 12
Credit:	.5 hours of high school credit and 3 hours of college credit per semester
Prerequisite:	Must have successfully completed Marketing to enroll in Principles of Marketing. Students must sign up for the College Opportunity Fund, apply to Arapahoe Community College

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 social media and market research and its increasing importance in our competitive marketplace. You will have the opportunity to research and design a promotional plan for a local business and utilize current social media marketing strategies to facilitate targeted marketing for retail goods. This course is largely project based and allows students to apply concepts learned in Marketing 1.

Marketing 1 is a prerequisite for CE Principles of Marketing, which offers high school and college credit simultaneously. Students enrolled in Marketing classes are encouraged to 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.

SCHOOL BASED ENTERPRISE RETAIL (DECA Store) (repeatable course)

Semester 1, 2	10, 11, 12
Credit:	.125 credit per quarter
Prerequisite:	Must be approved through an application process.

Not enough time in your day for a job? 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.

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

FAMILY AND CONSUMER SCIENCES

CULINARY ESSENTIALS I

Semester 1 or 2 10, 11, 12
Credit: .25 hours
Prerequisite: None
Fee: \$25.00

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. 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. We will focus on food safety and kitchen safety, measuring skills, moist and dry heat cooking methods, and baking. This course aligns with Colorado academic standards and national industry standards for reading, writing, and communication.

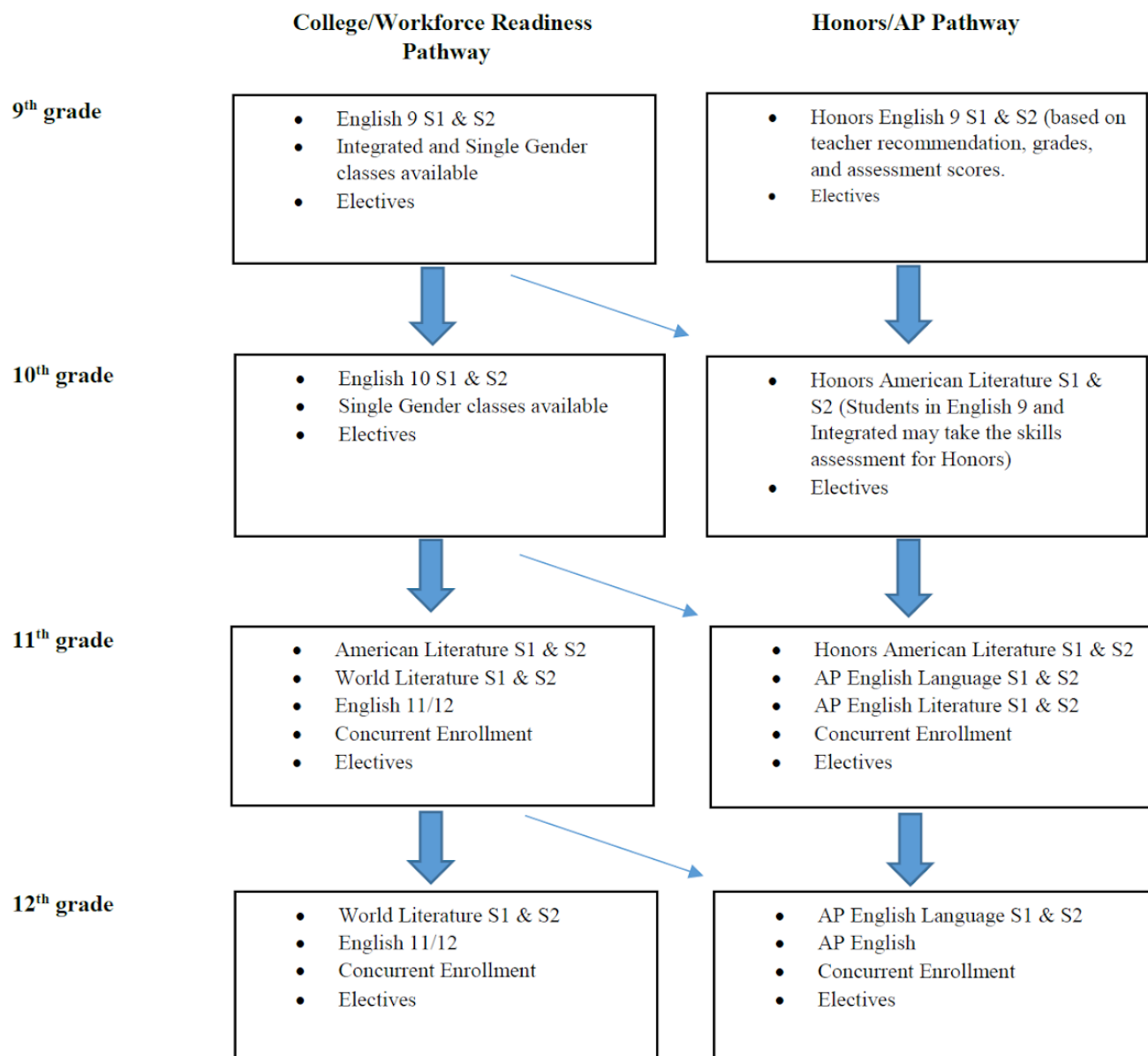
CULINARY ESSENTIALS II

Semester 2 only 10, 11, 12
Credit: .25 hours
Prerequisite: Culinary Essentials I. For the student interested in a post high school culinary education, both courses are recommended.
Fee: \$45.00

Do you consider yourself a foodie? Well, then this is the course for you! The purpose of this course is to further develop skills in safety and sanitation, food preparation and cooking techniques. This course focuses on global cuisine allowing students to understand the unique contribution of many cultures across the globe. We will make food from countries all over the world, including Italy, Spain, Greece, Germany, Ireland, India, China, Japan, and Mexico. You will learn more advanced cooking techniques and use unique kitchen tools. This course aligns with Colorado academic standards and national industry standards for reading, writing, and communication.

LANGUAGE ARTS DEPARTMENT

The Arapahoe Language Arts program is designed to prepare 100% of students for meaningful post-secondary opportunities while adhering to the Colorado Academic Standards. Both pathways prepare students with rigor and support to achieve their academic goals; adjustments and movements between pathways can be made to support the needs of individual students. Arapahoe students are required to earn 35 credit hours in Language Arts to meet the graduation requirements for Littleton Public Schools.



English Electives:

Creative Writing
 Film Study: Humanities
 Graphic Novels
 Greek Mythology
 Poetry

Poetry: Spoken Word
 Public Speaking
 Science Fiction
 World Mythology
 Writing Through Film

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)

CE: ENG 121 ENGLISH COMPOSITION I

Semester 1 or 2	11, 12
Credit:	3 hours college credit/.5 hours high school credit
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.

CE: INTRODUCTION TO LITERATURE

ACC credit: LIT 115 Introduction to Literature

Semester 1 or 2	11, 12
Credit:	3 hours college credit/.5 hours high school credit
Prerequisite:	Accuplacer or ACT Score Must sign up for the 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.

CE: HUM 123 HUMANITIES

Semester 1 or 2	11, 12
Credit:	3 hours college credit/.5 hours high school credit
Prerequisite:	Accuplacer or ACT Score Must sign up for the 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.

CORE LANGUAGE ARTS COURSES

ENGLISH 9

Full Year	9
Credit:	.5 credits 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 the 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.

ENGLISH 10

Full Year	10
Credit:	.5 credits 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 the 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

Full Year	11, 12
Credit:	.5 credits 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 the importance of speaking and listening, analytical reading, class discussion, and development and refinement of the multi-paragraph literary essay. Students can expect to deliver several presentations and to write several essays with the emphasis on strong claims. 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. The five-day-a-week American Literature class also offers SAT/ACT preparation and extra time to read, write, and discuss.

WORLD LITERATURE

Full Year	11, 12
Credit:	.5 credits per semester
Prerequisite:	Recommended for students with a grade of C or above in American Literature, AP Language or AP 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 to 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.

ENGLISH 11/12

Full Year	11,12 (not repeatable)
Credit:	.5 credits per semester (goes on the transcript as either 11th or 12th credit)
Class Fee:	\$20.00
Prerequisite:	Recommended for students interested in a hands-on, humanities-like English experience. Not recommended for students with a low D or F in previous classes.

English 11/12 is another option for students looking to complete English Language Arts credits. As a college preparatory course, our class will have a true “humanities” feel as we balance analysis of the human experience; we look outward to the stories of others who experience life much differently than we might, and we also look inward at our own lives in order to explore the connections, experiences, and feelings that make us all human. Throughout both semesters, we will weave the English Language Arts skills and content into the human-centered, hands-on experience with a project-based learning project. This year-long project (50% individual work; 50% group work) offers a very unique experience to students who want to make a difference in the world around them. Students will identify a human need and work to influence or solve it while practicing both the content aligned with the Colorado Academic Standards and real-life skills that prepare them for life beyond high school. Throughout the year, we will be reading a variety of (mostly) nonfiction texts and writing in multiple authentic formats in order to prepare for college-level writing. Students should take both semesters from the same teacher. Because of the nature of the Big Idea Project, it is not possible to come into or transfer out of this class 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**

Full Year	9
Credit:	.5 credits per semester
Prerequisite:	Teacher recommendation, “A” in 8th grade Language Arts

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**

Full Year	10
Credit:	.5 credits per semester
Prerequisite:	English teacher recommendation based on skills assessed

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 the 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**

Full Year	11, 12
Credit:	.5 credits per semester
Prerequisite:	English teacher recommendation based on skills assessed

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**

Full Year 11, 12

Credit: .5 credits per semester

Prerequisite: English teacher recommendation based on skills assessed

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 LITERATURE I: GRAPHIC NOVELS

Semester 1 or 2 10, 11, 12
Credit .25 credits per quarter
Prerequisite: None

This elective will focus on the history, development, and recent contemporary flourishing of the graphic novel medium. Examining the form from the evolution of the newspaper strip and the development of the superhero and the feature-length graphic novel, students will study and critique the art form in a course that will both challenge their analytical skills and satisfy their urge to finally, at long last, read comics at school! Graphic Novels is perfect for both the serious comic aficionado and casual/amateur looking to learn more about the medium.

CONTEMPORARY LITERATURE II: FICTION

Semester 1 or 2 10,11,12
Credit: .25 credits per quarter
Prerequisite: None

This elective will focus on modern fiction or non-fiction texts which explore multi-cultural identities, personal experiences, and current issues affecting our world. Students select either whole class or individual texts that reflect their interest in learning more about other cultures and the connection to their own identity. As we collaboratively explore these texts, students reflect at the beginning of each class about their reading by doing some perspective taking. Additionally, students discuss their learning and understanding in both online and in person formats in order to share what they are reading as it connects to their own identities. Each week focuses on a project based assessment of their reading which is shared to the class as part of our discussions.

CREATIVE WRITING I: Fiction

Semester 1 or 2 10, 11, 12
Credit: .25 credits per quarter
Prerequisite: None

Creative writing encourages students to pursue writing on an imaginative basis. The course emphasizes descriptive 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, and poetry. 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.

CREATIVE WRITING II: Narrative

Semester 1 or 2 10, 11, 12
Credit: .25 credits per quarter
Prerequisite: None

Creative writing encourages students to pursue writing on a personal basis. The course emphasizes narrative 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, 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.

ENGLISH COMMUNICATIONS: English in the Real World

Semester 1 or 2 10, 11, 12
Credit: .25 credits per quarter
Prerequisite: None

Students will focus on English skills in the real world by developing writing and speaking skills useful in formal or informal post-secondary environments. Students will evaluate and create persuasive, expository, and technical products for a variety of twenty-first century contexts. Genres studied may include, but are not limited to, podcasts, blogs, cover letters, marketing copy, press releases, opinion/advice columns, and reviews. *This course content is based on the Colorado Academic Standards: oral expression and listening, reading for all purposes, writing and composition, and research and reasoning.* Students may take this course once.

FILM STUDIES I: SOCIAL CHANGE

Semester 1	11, 12
Credit:	.5 credits per semester(.25 Social Studies and .25 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 0.25 Social Studies credits and 0.25 Language Arts credits.

FILM STUDIES II: DEFINING HUMANITY

Semester 2	11, 12
Credit:	.5 credits per semester (.25 Social Studies and .35 . 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

Semester 1 or 2	9, 10, 11, 12
Credit:	.25 credits per quarter
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.

HORROR LITERATURE

Semester 1 or 2	10, 11, 12
Credit:	.25 credits per quarter
Prerequisite:	None

Horror literature helps us acknowledge and process both our individual and societal fears. Through reading horror literature, we gain empathy; encountering fictional monsters helps us arrive at a better understanding of the things we were born to fear, of the things we have learned to fear through experience, and how we can live healthily and even happily amidst our monsters. In a horror literature elective, I would either focus on a collection of Gothic stories spanning the late 19th through contemporary fiction, or I would teach a single horror novel that encompasses multiple facets of literature (such as Shirley Jackson's *The Haunting of Hill House* or Stephen King's *The Shining*). The in-class activities would focus on gothic elements such as liminal spaces, Gothic homes and hosts, monsters, the uncanny, and the woods, and the class would be largely discussion-based.

POETRY

Semester 1 or 2	9, 10, 11, 12
Credit:	.25 credits per quarter
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.

PUBLIC SPEAKING

Semester 1 or 2	9, 10, 11, 12
Credit:	.25 credits per quarter
Prerequisite:	None

This course is designed not only to help students develop presentation 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.

SCIENCE FICTION

Semester 1 or 2 10, 11, 12
Credit: .25 credits per quarter
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.

WORLD MYTHOLOGY

Semester 1 or 2 9, 10, 11, 12
Credit: .25 credits per quarter
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 I

Semester 1 10, 11, 12
Credit: .25 credits per quarter
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 II

Semester 2 10, 11, 12
Credit: .25 credits per quarter
Prerequisite: None

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

JOURNALISM

These courses may earn Elective Language Arts or Practical Arts Credit

JOURNALISM- NEWSMAGAZINE (repeatable course)

Semester 1 & 2 9,10,11,12
Credit: .5 credits per semester
Prerequisite: **Staff application and instructor permission required**
Contact Greg Anderson at ganderson@lps.k12.co.us for application information.

Students produce the award-winning student news magazine, the Herald, and the student-run website, ArapahoeXtra.com. 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 design, information gathering, editing and proofreading. Students may be expected to sell advertisements to help fund the student media & journalism program, and will be expected to work outside of class at times in order to meet deadlines and to cover school events.

YEARBOOK (repeatable course)

Semester 1 & 2 9, 10, 11, 12
Credit: .5 credits 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.

Students produce the award-winning student yearbook, the Calumet. 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 design, information gathering, editing and proofreading. Students with a photography background are definitely accepted onto the staff (but will also be expected to write). Students may be expected to sell advertisements to help fund the yearbook program, and will be expected to work outside of class at times in order to meet deadlines and to cover school events.

JOURNALISM- DIGITAL MEDIA (repeatable course)

Semester 1 & 2 9, 10, 11, 12
Credit: .5 credits per semester
Prerequisite: **Staff application and instructor permission required.**
Contact Greg Anderson at ganderson@lps.k12.co.us for application information.



Students produce content for the award-winning, student-run website, ArapahoeXtra.com. This is the place for students interested in producing many types of stories, digital media and/or videos, including news, features, critical reviews and opinion pieces and segments. Members of The Spear team also produce live and on-demand broadcasts of AHS athletic events and student activities on the web. There is a focus on coverage of AHS sports, because the website and the broadcasts allow for timely and immediate coverage. This is a **year-long course**. Students may be expected to sell advertisements and sponsorships to help fund the broadcast and video program, and may be expected to work outside of class in order to meet deadlines and to cover school events.

LEARNING SUPPORT SERVICES DEPARTMENT

Services

Core Academic Support
Post-Secondary Goal(s) Planning
Academic Workshop
Community & Work Experience

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.**

ACADEMIC WORKSHOP

Semester 1, 2 9, 10, 11, 12
Credit: .5 credits per semester

This class is designed for students to complete work, make-up work, and access teachers for assistance, and receive instruction to improve study skills and to promote success and independence across all learning environments. Subject-specific Academic Workshop classes are designed to expand student skills in core content areas.

MATH ESSENTIALS

Semester 1, 2 9, 10, 11, 12
Credit: .5 credits per semester

For students who need to learn functional mathematics: Real life math application along with an introduction into pre-algebra. Topics may include money, time, calculator usage, one to one correspondence, counting, basic addition and subtraction, measurement, patterning, multiplication, division, and fractions.

CONSUMER MATH

Semester 1, 2 9, 10, 11, 12
Credit: .5 credits 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. Pre-algebra concepts will be introduced.

READING ESSENTIALS

Semester: 1, 2 9, 10, 11, 12
Credit: .5 credits 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.

ENGLISH FUNDAMENTALS I

Semester: 1,2 9, 10, 11, 12
Credit: .5 credits 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.

TEEN LIVING

Semester 1, 2 9, 10, 11, 12
Credit: .5 credits per semester
Fee: \$25

This class emphasizes health & hygiene, personal and community safety including pedestrian and RTD training. Shopping, budgeting and basic meal prep skills are taught. This class utilizes community facilities and resources. Students are required to cover their own community expenses.

VOCATIONAL SKILLS

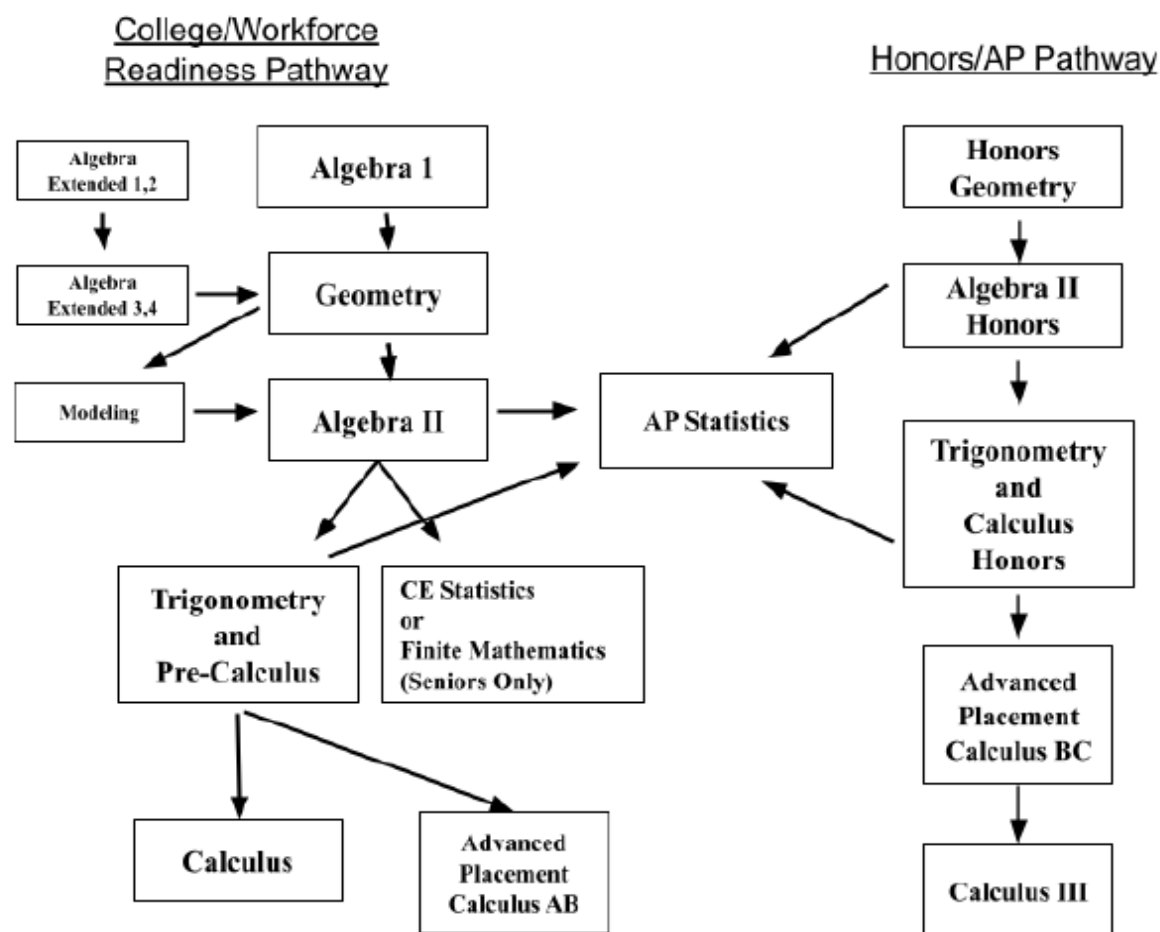
Semester 1, 2 9, 10, 11, 12
Credit: .5 credits per semester

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.

MATHEMATICS DEPARTMENT

MATHEMATICS DEPARTMENT

The Arapahoe Mathematics program is designed to prepare 100% of students for meaningful post-secondary opportunities while adhering to the Colorado Academic Standards. Both pathways prepare students with rigor, relevance, and support to achieve their academic goals; adjustments and movements between pathways can be made to support the needs of individual students. Arapahoe students are required to complete four semesters of math to meet graduation requirements for Littleton Public Schools. Students enter this flowchart based on their eighth grade math course. Entering the honors track is based on a body of evidence including: a skills assessment test, teacher recommendations, grades, and standardized test scores.



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.

CONSUMER MATH

Semester 1, 2 9, 10, 11, 12
Credit: .5 credits per semester
Prerequisite: Teacher Recommendation

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. Pre-algebra concepts will be introduced.

ALGEBRA EXTENDED I/II

Semester 1&2 9, 10, 11, 12
Credit: .5 credits per semester
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: money, functions, solving equations and inequalities, graphing functions and graphing linear equations.

ALGEBRA EXTENDED III/IV

Semester 1&2 9, 10, 11, 12
Credit: .5 credits per semester
Prerequisite:

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

Semester 1&2 9, 10, 11, 12
Credit: .5 credits per semester
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.

MATH EMPOWERMENT

Semester 2 9, 10, 11, 12
Credit: .5 credits per semester
Prerequisite: Teacher Recommendation

This course is designed for students who had difficulty with Algebra I S1. This class is designed to give students extra time to master first semester Algebra I concepts. Topics include equations, systems of equations, exponents, and graphing/solving linear, quadratic, and exponential functions.

GEOMETRY

Semester 1&2 9, 10, 11, 12
Credit: .5 credits per semester
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 proportional relationships are studied. Additional topics include proofs, constructions, coordinate geometry, and right triangle trigonometry.

ALGEBRA II

Semester 1&2	9, 10, 11, 12
Credit:	.5 credits 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 (SENIORS ONLY)

Semester 1&2	12
Credit:	.5 credits 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.

MODELING IN MATHEMATICS

Semester 1 & 2	11, 12
Credit:	.5 credits per semester
Prerequisite:	Algebra I (both semesters) & Geometry (both semesters)

This course is intended to help students reinforce their understanding of Algebra I and Geometry by experiencing the fundamentals of these courses using a functions approach and rich, real-world applications. Topics covered include linear models and linear systems, exponential and quadratic functions, similarity, trigonometry, data-analysis, probability, and finance.

TRIGONOMETRY

Semester 1	9, 10, 11, 12
Credit:	.5 credits per semester
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

Semester 2	9, 10, 11, 12
Credit:	.5 credits per semester
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.

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 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 9th grade.

GEOMETRY (HONORS)

Semester 1&2 9
Credit: .5 credits per semester
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)

Semester 1&2 9, 10
Credit: .5 credits 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)

Semester 1 9, 10, 11
Credit: .5 credits per semester
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)

Semester 2 9, 10, 11
Credit: .5 credits per semester
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.

****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 COURSES

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

ADVANCED PLACEMENT CALCULUS (AB)

Semester 1, 2
Credit: .5 credits per semester
Prerequisite: 'A' or 'B' 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)

Semester 1, 2

Credit: .5 credits per semester

Prerequisite: 'A' or 'B' in Calculus (Honors) or AP Calculus AB

The AP 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. AP Calculus BC is equivalent to a semester of Calculus I and a semester of Calculus II. A TI-84 calculator is necessary for the class, and students are expected to take the A.P. exam in May.

ADVANCED PLACEMENT STATISTICS

Year Long

Credit: .5 credits per semester

Prerequisite: Selection is based upon application. An 'A' in Algebra II or 'B' or better in Algebra II (Honors) is recommended
Students must earn an "A" or "B" in the first semester to continue to the second semester.

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.

DUAL ENROLLMENT COURSES

AVAILABLE FOR BOTH HIGH SCHOOL AND COLLEGE CREDIT

To receive college credit for these classes the students will register at University of Colorado at Denver and pay reduced tuition fee. The credit is through the CU Succeed program.

DE/ STATISTICS - INTRODUCTION TO STATISTICS

Semester 1 or 2

Credit: .5 credits

Prerequisite: 'C' or better in Algebra II. This is a Senior only class



THIS COURSE WILL BE OFFERED ASYNCHRONOUSLY ONLINE ONLY FOR THE 22-23 SCHOOL YEAR

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.

DE/ CALCULUS I

Semester 1&2

Credit: .5 credits per semester

Prerequisite: 'A' or 'B' in Pre-calculus or
Calculus (Honors) with teacher recommendation

THIS COURSE WILL BE OFFERED ASYNCHRONOUSLY ONLINE ONLY FOR THE 22-23 SCHOOL YEAR

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

DE/ CALCULUS III

Semester 1&2

Credit: .5 credits per semester

Prerequisite: 'C' or better in AP Calculus BC

THIS COURSE WILL BE OFFERED ASYNCHRONOUSLY ONLINE ONLY FOR THE 22-23 SCHOOL YEAR

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.**

PERFORMING ARTS DEPARTMENT

PERFORMING ARTS FLOWCHART

The Performing Arts Department is designed to prepare 100% of students for meaningful post-secondary opportunities while adhering to the Colorado Academic Standards for instrumental music, vocal music, and theatre arts. All pathways offer a wide variety of both performance and non-performance classes that challenge and prepare students with rigor and support to achieve their academic goals. Arapahoe Performing Arts has three concert bands, two orchestras, jazz band, five choirs, beginning through advanced acting and technical theatre classes, and a music studio course which focuses on introductory theory, audition preparation, and individual lessons for students on their primary instrument(s). Outside of class opportunities include thespian productions, marching band, winter percussion, winter guard, various small ensembles, and a pop a cappella choir. The department also produces an annual all school musical theatre production and other live performances throughout the year. Arapahoe students are required to earn 1.5 credit hours in Fine Arts (Performing Arts and/or Visual Arts) to meet the graduation requirements for Littleton Public Schools.

INSTRUMENTAL MUSIC PATHWAY		VOCAL MUSIC PATHWAY		THEATRE PATHWAY	
BAND	ORCHESTRA	CHORAL	NON- CHORAL	ACTING	TECHNICAL THEATRE
OPEN ENROLLMENT COURSES NO AUDITION OR INSTRUCTOR PERMISSION REQUIRED					
LEVEL 1	CONCERT BAND	ORCHESTRA	SOPRANO / ALTO CHOIR	DRAMA	STAGECRAFT
LEVEL 2			TENOR / BASS CHOIR	ACTING STUDY (MUST COMPLETE DRAMA PRIOR TO ENROLLMENT)	
ADVANCED COURSES AUDITION AND / OR INSTRUCTOR PERMISSION REQUIRED FOR ALL CLASSES BELOW					
LEVEL 3	SYMPHONIC BAND (AUDITION ONLY)	ADVANCED ORCHESTRA (AUDITION ONLY)	CONCERT CHOIR (AUDITION ONLY) CHORALETTES (AUDITION ONLY)	CE THEATER TOPICS (AUDITION ONLY)	CE COMPANY (AUDITION ONLY)
LEVEL 4	WIND ENSEMBLE (AUDITION ONLY)		ARAPAHOE SINGERS (AUDITION ONLY)	STUDIO (AUDITION ONLY – DUAL PERF. ARTS ENROLLMENT IS REQUIRED)	
	JAZZ BAND (INSTRUCTOR APPROVAL MAY BE REQUIRED BASED ON INSTRUMENTATION)				

PERFORMING ARTS DEPARTMENT

DRAMA



DRAMA

Semester Long 9, 10, 11, 12
Credit: .5 credits per semester
Prerequisite: None

This semester long course is designed to explore, study, analyze, and practice basic aspects of Theatre through a variety of performances. Major emphasis of the class is the development of beginning acting skills and confidence. Assignments include reading/watching plays, duet scene performances, and large group performances. This course is the prerequisite for Acting Study. Many other classes in theatre are repeatable, this course should not be repeated.

ACTING STUDY (repeatable course)

Semester Long 10, 11, 12
Credit: .5 credits 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. **NOTE: This course may not be offered every semester. Please refer to the master schedule for specific course offerings each term.**

STAGECRAFT (repeatable course)

Semester Long 9, 10, 11, 12
Credit: .5 credits per semester
Prerequisite: None
LPS District Fee: \$40.00

This course investigates several areas of technical theatre. Students will study set, costume, light, and sound design. Emphasis is placed on the practical use of theatrical equipment to create productions. Joining the after school technical crew is encouraged but not required for this course. **This course may also be taken for Practical Arts credit.**

CE THE 111 THEATRE TOPICS I: Acting 1 (repeatable course)

Year Long	10, 11, 12
Credit:	3 hours college credit per semester & .5 credits per semester
Prerequisite:	Instructor approval (audition only)

This year long course emphasizes advanced theatrical techniques. Directing, playwriting, theatrical improvisation, dramatic characterization, unarmed stage combat, and staged sword fighting are concepts and skills that this course will introduce. The spring semester class will culminate in an evening performance for an audience. **This course may also be taken for college credit, through concurrent enrollment with Red Rocks Community College. This matches with their course, THE 111: Acting 1 and is repeatable for THE 112: Acting 2.**

CE THE 131 COMPANY: Theatre Production (repeatable course)

Year Long	11, 12
Credit:	3 hours college credit per semester & .5 credits per semester
Prerequisite:	Instructor approval (audition only)

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 rehearsals and performances. **This course may also be taken for college credit, through concurrent enrollment with Red Rocks Community College. This matches with their course, THE 131: Theatre Production, and is repeatable for THE 132: Theatre Production 2**

INSTRUMENTAL MUSIC



CONCERT BAND (repeatable course)

All Students

Year Long	9, 10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	Experience on instrument or middle school band (preferred but not required)
LPS District Fee:	\$40.00.
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 the 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 select pep assemblies is also required. Band students are expected to make a full-year commitment to all band classes. **Additional Arapahoe Band Booster family contributions (to help cover the cost of sectional coaches, clinicians, festivals, etc.) and supply purchases (reeds, valve oil, etc.) are the student's responsibility.** Please see www.arapahoeband.com for more information.

AUDITION BAND: SYMPHONIC BAND (repeatable course)

All Students

Year Long	9, 10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	Instructor approval (audition only)
LPS District Fee:	\$40.00
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 select pep assemblies is also required. Band students are expected to make a full-year commitment to all band classes. **Additional Arapahoe Band Booster family contributions (to help cover the cost of sectional coaches, clinicians, festivals, etc.) and supply purchases (reeds, valve oil, etc.) are the student's responsibility.** Please see www.arapahoeband.com for more information.

AUDITION BAND: WIND ENSEMBLE (repeatable course)

All Students

Year Long	9, 10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	Instructor approval (audition only)
LPS District Fee:	\$40.00.
Instrument Fee:	\$100.00 (if instrument rental is needed)

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 select pep assemblies is also required. Band students are expected to make a full-year commitment to all band classes. **Additional Arapahoe Band Booster family contributions (to help cover the cost of sectional coaches, clinicians, festivals, etc.) and supply purchases (reeds, valve oil, etc.) are the student's responsibility.** Please see www.arapahoeband.com for more information.

AUDITION BAND: JAZZ BAND (repeatable course)

All Students

Year Long	9, 10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	Instructor approval (audition only)
LPS District Fee:	\$40.00
Instrument Fee:	\$100.00 (if instrument rental is needed)

Members of the Jazz Band 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 may be required throughout the school year. Instructor approval is required and students should have some prior jazz experience. Students who play saxophone, trumpet, trombone, or percussion must 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 family contributions (to help cover the cost of sectional coaches, clinicians, festivals, etc.) and supply purchases (reeds, valve oil, etc.) are the student's responsibility. Please see www.arapahoeband.com for more information.**

ORCHESTRA (repeatable course)

All Students

Year Long	9, 10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	Experience on a string instrument
LPS District Fee:	\$40.00
Instrument Fee:	\$100.00 (if instrument rental is needed)

This group is composed of intermediate level string instrumentalists who have experience on an orchestra instrument, or played in Middle School 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. Both sections of the orchestra may also perform together at select concerts. 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. Orchestra students are expected to make a full-year commitment to the class. **Additional supply purchases (strings, rosin, etc.) are the student's responsibility. Please see www.arapahoeband.com for more information.**

AUDITION ORCHESTRA: CHAMBER ORCHESTRA (repeatable course)

All Students

Year Long	9, 10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	Instructor approval (audition only)
LPS District Fee:	\$40.00
Instrument Fee:	\$100.00 (if instrument rental is needed)

This group is composed of advanced level string instrumentalists who successfully audition to be in this top-performing ensemble. The curriculum includes literature of all areas and ages of Orchestral Music. At some concerts, the wind and percussion instruments will be included with the strings to develop a full Symphonic Orchestra. Both sections of the orchestra may also perform together at select concerts. 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. Orchestra students are expected to make a full-year commitment to the class. **Additional supply purchases (strings, rosin, etc.) are the student's responsibility. Please see www.arapahoeband.com for more information.**

VOCAL MUSIC



AUDITION CHOIR: CONCERT CHOIR (repeatable course)

Tenor/Bass Year Long 9, 10, 11, 12
Soprano/Alto Year Long 9, 10, 11, 12
Credit: .5 credits per semester
Prerequisite: Instructor approval (**audition only**)
LPS District Fee: \$40.00

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.**

AUDITION CHOIR: CHORALETTES (repeatable course)

Year Long 9, 10, 11, 12
Credit: .5 credits per semester
Prerequisite: Instructor approval (**audition only**)
LPS District Fee: \$40.00

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.**

AUDITION CHOIR: ARAPAHOE SINGERS (repeatable course)

Tenor/Bass Year Long 10, 11, 12
Soprano/Alto Year Long 10, 11, 12
Credit: .5 credits per semester
Prerequisite: Instructor approval (**audition only**)
LPS District Fee: \$40.00

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. **Uniform cost is the student's responsibility. Students are expected to make a full-year commitment to this class.**

SOPRANO/ALTO CHOIR (repeatable course)

Year Long 9, 10, 11, 12
Credit: .5 credits per semester
Prerequisite: Interest in singing in a vocal music ensemble or by ensemble placement audition.

This choir will perform a variety of literature for Soprano/Alto 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 performances is required.

TENOR/BASS CHOIR (repeatable course)

Year Long 9, 10, 11, 12
Credit: .5 credits per semester
Prerequisite: Interest in singing in a vocal music ensemble or by ensemble placement audition.

This choir will perform a variety of literature for Tenor/Bass 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 performances is required.

STUDIO (repeatable course)

Semester 10, 11, 12
Credit: .5 credits per semester
Prerequisite: Instructor approval (**audition only**)
Course Fee: \$50.00

This performance-based class is designed to help students prepare an audition repertoire. Students will learn solo repertoire across multiple languages, styles, and genres. Students will be required to complete a minimum of one instructor-approved audition each semester in which they are enrolled and will be required to perform in an all-class recital. Attendance at all scheduled auditions and performances is required. Course fee covers audition registration fees and accompaniment costs. **NOTE: This course may not be offered every semester. Please refer to the master schedule for specific course offerings each term.**

PHYSICAL EDUCATION DEPARTMENT

REQUIRED CLASSES FOR GRADUATION

- **Swimming** – To be taken Freshman Year

All Swimming and Lifeguarding classes qualify for graduation credit.
Completion and passing of the LPS Swim Waiver will meet the requirements.
(Single-Gender Available)

- **Health** – Sophomore(Class of 2025) or Junior Year (Class of 2024)

ELECTIVE CLASSES

Activities

- Innovative Fitness (Adaptive Physical Education with Peer Assistants)
- Introduction to Weight Training I
- Strength and Conditioning
- Social Dance
- Yoga
- Recreational Games

Aquatics

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



Athletic Training

- Sports Medicine

PHYSICAL EDUCATION DEPARTMENT

The goal of the Physical Education Department is to provide quality instruction and experiences that will empower all students to learn, develop, and apply the skills and knowledge needed for daily participation in personal fitness and lifetime activities. Students will graduate understanding the importance of cardiovascular health and the benefits of lifelong physical fitness. Each student is required to complete a minimum 1.5 credits 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 course in Health during sophomore or junior year. Swimming will be taken freshman year. A swim waiver test is offered each semester for students able to demonstrate proficiency in a variety of swimming strokes and related areas of testing. Seniors wishing to take the swim waiver test must do so prior to the 2nd semester of their senior year. Health must be taken sophomore year for students graduating in 2025 and junior year for students graduating in 2024. The remaining credit may include courses of individual and/or team sport activity and physical fitness electives. Students should bring a combination lock the first day of school for personal use. Please Note — All courses requiring fees will be billed through the student's 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. Athletic 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. P.E. 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 athletic hallway until the bell rings.

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

Quarters 1-4 10 (Class of 2025), 11 (Class of 2024)
Credit: .25 credits per quarter
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, Mental/Emotional Health, 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. Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.**

AQUATIC CLASSES

SWIMMING Graduation Requirement

Recommended 9 and may repeat 10, 11, 12

Credit: .25 credits per quarter

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 quarter.

Single-gender Swimming offering:

This class focuses on the 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.

LIFEGUARD: TRAINING FOR THE PROFESSIONAL RESCUER

Semester 2 9, 10, 11, 12

Credit: .5 credits per semester

Prerequisite: Advanced Swimming Skills

Fee: \$100.00

The ability to swim 300 yards continuously, along with the proper stroke technique—front crawl, elementary backstroke, 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 the 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 an 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 \$100 will be collected to cover books, materials and Red Cross fees.

SCUBA DIVING (Independent Study)

Quarter 2 or 4 9, 10, 11, 12

Credit: .25 Quarter Class; This is a quarter long course but you have the entire semester to complete;

Prerequisite: Students must have passed an Arapahoe Swim class or passed the swim waiver;

Students must be able to swim at least 300 yards continuously and comfortably;

Students must be able to tread water for 10 minutes;

Students must be available for the dates set for water skills in the pool

Fee: \$245.00

This course will be taught at AHS on non-student days or after school hours depending on instructor availability. This course is designed for anyone interested in “exploring the underwater world.” The scuba class is taught based on the SSI Open Water certification requirements. The course provides the opportunity for students to learn through online education. The required reading, videos, and quizzes will be taken online. The students will complete the water skills using either the Arapahoe High School swimming pool for confined water skills. The class provides the students with the skills necessary to complete their SSI Open Water certification at any acceptable dive site in the world. **The Open Water certification is not a part of the class and certification should be arranged after completing the AHS course. The Open Water certification cost is not included in the AHS course.** The SSI course is taught by certified SSI Instructors.

NOTE:

A. A current physician’s examination is required!!!

B. A fee will be charged to each student to cover the cost of air, equipment and fins. Fees are payable to Arapahoe High School during the semester. Students will need to purchase a mask and snorkel.

C. Students will need to complete an “Open Water” certification dive to obtain complete SSI certification. There is an additional cost for this certification that is not included in the course fee paid to AHS.

D. Students will need to provide their own: mask, fins, and snorkel

E. Dates and Times to full-fill the water skills portion of the class will be determined at a later date. Class will not meet during the school day at Arapahoe. Dates and Times may include non-student days, evenings and/or weekends. Students must be available for the pool dates or cannot take the course that semester.

ACTIVITY CLASSES

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

INNOVATIVE FITNESS (repeatable class)

Semester 1 or 2 9,10,11, 12
Credit: .5 Credits
Prerequisite: None

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

RECREATION GAMES (repeatable class)

Quarters 1-4 9, 10, 11, 12
Credit: .25 credits per quarter
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 a variety of sports & rec games such as badminton, pickleball, Ultimate Frisbee, backyard games, flag football, soccer, tennis, volleyball and basketball.

SOCIAL DANCE (repeatable class)

Semester 1 or 2 9, 10, 11, 12
Credit: .25 credits per quarter
Prerequisite: None

A variety of ballroom dances and line dancing will be taught in this course. Students will learn about the history and origin 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 (cannot be repeated)

Quarter 1 or 4 10, 11, 12
Credit: .25 Credits
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.

WEIGHT TRAINING (repeatable course)

Single gender classes available.

Semester 1 or 2 9, 10, 11, 12
Credit: .5
Prerequisite: None

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

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

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

STRENGTH AND CONDITIONING (repeatable course)

Semester 1 or 2 10, 11, 12

Credit: .5

Prerequisite: Weight Training at AHS or coach recommendation

This is a course that builds off of the basic weight training class principles and techniques. This course is designed for the sport-specific athlete, but is open to students that have taken the introductory weight training class (at AHS) or have been specifically recommended by an Arapahoe Varsity Coach. Students will follow a strict athletic performance-building program through the teambuilder app. Strength and Conditioning, also known as Weight Training II, teaches advanced lifting techniques and can be adapted and implemented to fit the individual and/or team sport athletes.

Students are expected to lift to build sport performance every day.

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

This course is 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 and to improve overall performance.

YOGA (cannot be repeated without medical need)

Semester 1 or 2 11, 12

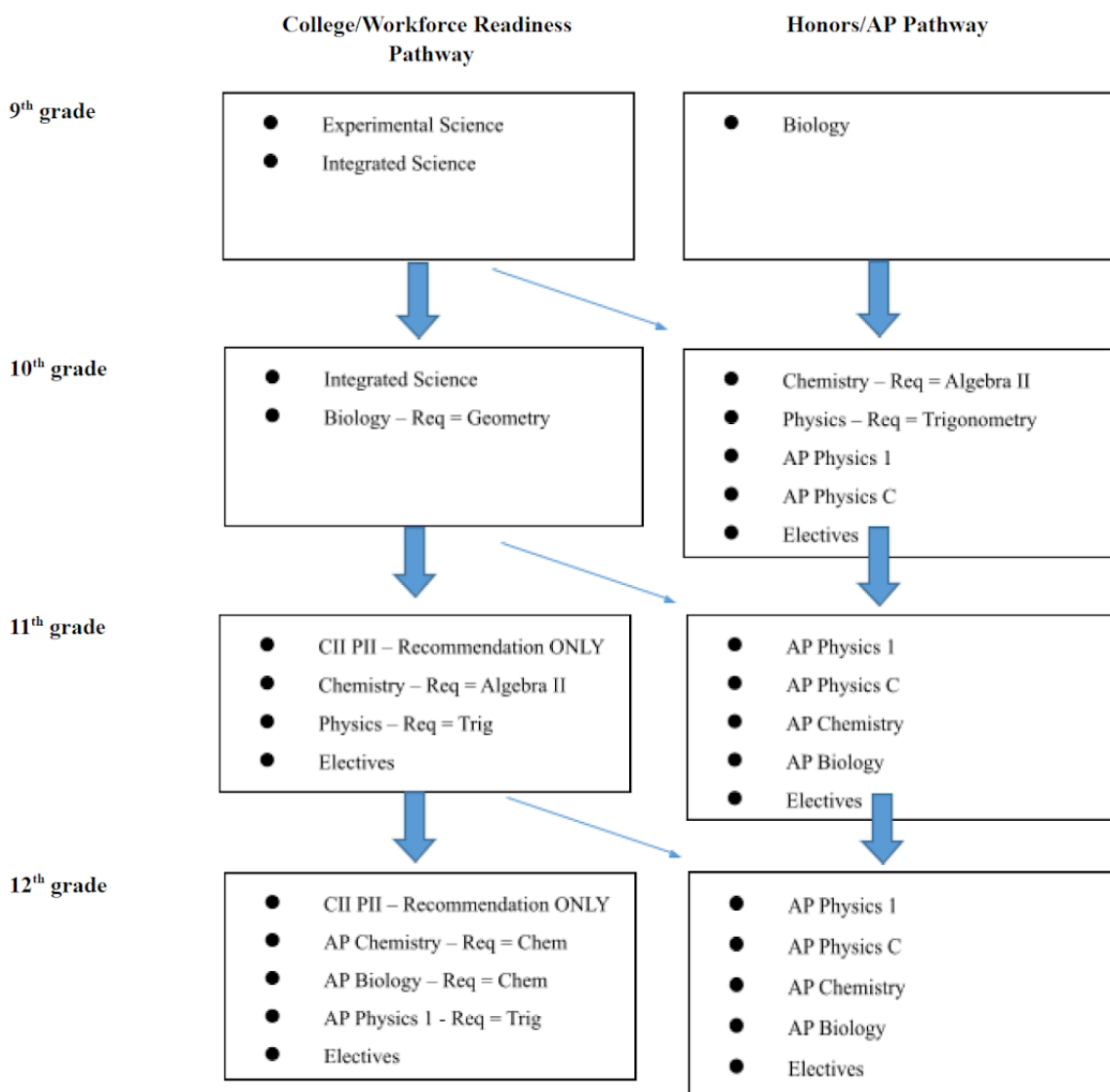
Credit: .25 credits per quarter

Prerequisite: None

Yoga is a popular form of exercise in the fitness world. Incorporating Yoga into regular physical activity will increase flexibility, improve muscular strength and endurance, as well as improve balance and coordination. Yoga is a combination of relaxation, breathing techniques and exercise which combats stress, helps circulation and improves the range of motion of the joints. Yoga helps to relieve stress and promote a healthy lifestyle. Life Fitness activities include, but are not limited to: Pilates, HIT, resistance training and cardiovascular workouts. This is a well-rounded life fitness class for all abilities.

SCIENCE DEPARTMENT

The Arapahoe Science program is designed to prepare 100% of students for meaningful post-secondary opportunities while adhering to the Colorado Academic Standards. Both pathways prepare students with rigor and support to achieve their academic goals; adjustments and movements between pathways can be made to support the needs of individual students. 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 recommended for students interested in health care fields. Physics is recommended for architecture and engineering.



Science Electives:

Atmospheric Science
Human Physiology A
Human Physiology B
Medicine

Adventure Experience Science: Marine Ecology & Zoology
Science Research: Crime Lab Science & Plant Biology

SCIENCE DEPARTMENT

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

EXPERIMENTAL SCIENCE

Semester 1, 2	9
Credit:	.5 credits 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 the 2nd Semester will explore topics in Life Science. The foundations built in this course will foster confidence for success in future science classes.

INTEGRATED SCIENCE

Semester 1 & 2	9
Credit:	.5 credits 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 effects 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. **Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.**

BIOLOGY

Semester 1 & 2	10, 11, 12
Credit:	.5 credits 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 the 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. **Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.**

CHEMISTRY

Semester 1 & 2	10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	S1-Recommend a 'B' or better in Algebra II or concurrently enrolled in Algebra II
Prerequisite:	S2- Chemistry S1
Course Fee:	S2 - \$6.50

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. **Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.**

CHEMISTRY II/PHYSICS II

Semester 1 & 2	10, 11, 12
Credit:	.5 credits 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.

PHYSICS

Semester 1&2	10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	S1- Completion of Algebra II, recommended grade of "B" or better
Prerequisite:	S2-Physics S1

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

ADVANCED PLACEMENT COURSES

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

ADVANCED PLACEMENT BIOLOGY

Semester 1 & 2	11, 12
Credit:	.5 credits 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

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

Semester 1, 2	11, 12
Credit:	.5 credits per semester
Prerequisite:	Completion of Chemistry 1 and 2 with above average achievement. Completion of Pre-Registration form. 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 ENVIRONMENTAL SCIENCE

Semester 1,2	10,11,12
Credit:	.5 credits per semester
Prerequisite:	A or B in Biology and must have taken, or be concurrently enrolled, in Algebra 2 and Chemistry.
lab Fee:	\$10.00

This year-long Advanced Placement Environmental Science class is equivalent to a one semester introductory Environmental Science course taken in college. The course will cover a diversity of topics which may include: ecosystems, evolution, biodiversity, population dynamics, plate tectonics, soil ecology, mining, land and air pollution, invasive species, atmospheric science and climate change. Lengthy reading assignments, the use of mathematics to support claims, frequent labs and thoughtful written responses will all be integral parts of this class. As an AP class students will be expected to spend a significant amount of time outside of class completing assignments and will be required to work in a study group with other students in the class. **All students are expected to take the AP exam in May.**

ADVANCED PLACEMENT PHYSICS C: MECHANICS

Semester 1	11, 12
Credit:	.5 credits 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. AP Physics C may be taken as either a student's first physics course, or as a deeper exploration after completing another physics course **All students are expected to take the AP exam in May.**

ADVANCED PLACEMENT PHYSICS C: ELECTRICITY & MAGNETISM

Semester 2	11, 12
Credit:	.5 credits 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

Semester 1 & 2	11, 12
Credit:	.5 credits 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

This course is equivalent to the first semester of a typical college introductory, algebra-based physics course. Though this course will regularly involve algebra and trigonometry calculations, emphasis will be placed on deeper conceptual understanding. AP Physics 1 may be taken as either a student's first physics course, or as a deeper exploration after completing a regular Physics course. (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.**

ELECTIVE CHOICES

MEDICINE

MF	Semester 1	12
(Zero	Credit:	.5 credits
Hour	Prerequisite:	Must be a Senior. Recommend having a "B" or better in Chemistry
Class)		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. Class will meet from 7:00am to 8:00am on Mondays and Fridays.**



ADVENTURE EXPERIENCE SCIENCE: MARINE ECOLOGY/ZOOLOGY

Semester 1 & 2	10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	Completion of Biology
Lab Fee:	\$10.00

The two classes will be intertwined. One week is spent on Zoology examining organisms and the other on how those organisms live in the marine environment. The course is designed to give students a "hands on" experience in both subject areas. Students will apply knowledge and techniques learned in Biology.

PHYSIOLOGY I

Quarter 2	10, 11, 12
Credit:	.25 credits per quarter
Prerequisite:	Completion of 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 I & II can be taken in any order.

PHYSIOLOGY II

Quarter 3	10, 11, 12
Credit:	.25 credits per quarter
Prerequisite:	Completion of 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 I & II can be taken in any

METEOROLOGY: ATMOSPHERIC SCIENCE

Quarters 1 & 4	10, 11, 12 9th Graders - See Prerequisite Below
Credit:	.25 credits per quarter
Prerequisite:	Either Completion of Biology or Concurrent Enrollment in Biology 9th Graders who desire to enroll in Biology must pass the Math/Science skills assessment, must maintain an 'A' in current science course, and must have a teacher recommendation.
Lab Fee:	\$10.00

Atmospheric Science is a part of our daily lives and is of particular interest in Colorado, a dynamic mid-latitude region in which the mountains meet the high plains creating an area of vorticity, temperature fluctuations, and rapidly changing weather conditions. This course will investigate all aspects of the Earth's atmosphere from a global perspective with an emphasis on North America. Students will understand the fluid dynamics and circulation of the atmosphere and the functioning of air masses. Students will examine the operation of mid-latitude cyclones, thunderstorms, tornadoes, hurricanes, hailstorms, and other intense meteorological systems. An understanding of temperature, moisture, condensation, precipitation, atmospheric stability, the mechanisms of heat transfer, air pollution, and the functioning of air pressure and winds at various levels within the troposphere will be explored. Students will incorporate satellite imagery into their investigations, learn the basics of numerical modeling, and explore weather analysis and forecasting.

SCIENCE RESEARCH: CRIME LAB SCIENCE/PLANT BIOLOGY

Semester 1 & 2	10, 11, 12 9th Graders - See Prerequisite Below
Credit:	.5 credits per semester
Prerequisite:	Completion of Biology
Lab Fee:	\$10.00

This will be a combined course where half the week will be spent in Crime Lab Science and half the week will be spent in Plant Biology. The course is designed to give students a "hands on" experience in both subject areas. Students will apply knowledge and techniques learned in Biology and Chemistry

SOCIAL STUDIES DEPARTMENT

The Arapahoe Social Studies program is designed to prepare 100% of students for meaningful post-secondary opportunities while adhering to the Colorado Academic Standards. Our goal is to expose students to a variety of the social sciences including US and World History, Geography, Government and Economics as required by the state standards and additional social sciences such as Psychology, Sociology, Law, Film Studies, Philosophy, Comparative World Religions, and International Relations. Students are offered a variety of Honors, Advanced Placement, and Concurrent Enrollment options in addition to a number of quarter-based elective courses and are able to create a path to best fit their individual needs.

9th Grade REQUIRED US History S1 & S2 (1.0)	9th Grade HONORS OPTION US History:Honors S1 & S2 (1.0)	9th Grade ELECTIVE OPTION Intro to Human Behavior (.25)
10th Grade REQUIRED World Geo and Civ I and II (1.0)	10th Grade AP OPTION AP Human Geography (1.0)	10th Grade ELECTIVE OPTION Intro to Human Behavior (.25)
11th Grade All Juniors will take at least 1.0 of credits in Social Studies. There are numerous options: AP US History (1.0) AP Psychology (1.0) Western Civ I (.5) Western Civ II (.5) Psychology (.5) Film Studies:Defining Humanity (.5) Film Studies:Social Change (.5) Comparative World Religions, American History through Music, International Relations, Law (Criminal Law), Philosophy, Sociology, The History of Autos in American Culture (Each is a .25 Quarter Course) Note: A Junior could choose to take AP Government or AP Microeconomics IN ADDITION to their Required 1.0 from the courses listed above.		
12th Grade REQUIRED Government (.5) Economics (.25)	12th Grade AP OPTIONS AP Government (1.0) AP Microeconomics (1.0)	12th Grade ELECTIVE OPTIONS ALL courses listed under 11th Grade are options plus Senior Seminar and PsychHistory (.25 each)

FRESHMAN COURSES

U. S. HISTORY

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

The course timeline focuses on the history of the United States from the late 19th century through contemporary times. Students will comprehend the nature of historical knowledge as an inquiry process that examines how history is viewed, constructed, and interpreted. Students will assess the reliability of information received from various sources and expand upon their critical thinking skills to analyze, interpret, evaluate, and communicate effectively. Students will leave the course with a better understanding of how to connect the human experience through the events of the past to present day.

U. S. HISTORY: HONORS

Semester 1 & 2	9
Credit:	.5 credits per semester
Prerequisite:	Teacher recommendation, "A" in 8 th grade Social Studies, and standardized assessment scores, if available

U.S. History: Honors is designed for students who possess an honest curiosity about the study of history, demonstrate advanced academic skills, and seek a challenging learning experience. The course examines the same topics as general U.S. History, but will be differentiated with a more in-depth analysis and complexity of the subject matter. Students should expect to prepare outside of class for daily lessons, actively participate during class discussions, and communicate content knowledge through various forms of written expression. A focus on social studies skills and strategies - including those used in Advanced Placement courses - help prepare students for future advanced coursework

INTRODUCTION TO HUMAN BEHAVIOR

Quarter Course	9, 10
Credit:	.25 credits per quarter
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, family, social problems, 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.

SOPHOMORE COURSES

WORLD GEOGRAPHY & CIVILIZATIONS

Semester 1 & 2	10
Credit:	.5 credits per semester
Prerequisite:	None

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

ADVANCED PLACEMENT HUMAN GEOGRAPHY

Semester 1 & 2	10
Credit:	.5 credits per semester
Prerequisite:	Application Process
Fees:	Textbook purchase required
* Fulfills the World Geography and Civilizations requirement for graduation	

This college level course explores the relationship between humans and the earth socially, economically, politically, and environmentally. Students will study contemporary global issues, understand multi-cultural viewpoints, become geographically literate, and use geography to identify, clarify, and solve global issues. 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 earn college credit, depending on that college's acceptance of the A.P. program.

INTRODUCTION TO HUMAN BEHAVIOR

Quarter Course	9, 10
Credit:	.25 credits per quarter
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, family, social problems, 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.

JUNIOR AND SENIOR COURSES

AMERICAN GOVERNMENT (Required for Seniors)

Semester 1 or 2	12
Credit:	.5 credits 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 Constitution, political institutions and processes, and political issues. Students will work collaboratively to examine these topics as if they were participating citizens in order to prepare them for their civic duty. This course meets the state civics standards.

ECONOMICS (Required for Seniors)

Quarter 1,2,3, & 4	12
Credit:	.25 credits per quarter
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. It introduces students to the basics of micro- and macroeconomics with a focus on relevance to their personal financial future. Students will develop a deeper understanding of the world around them while becoming better decision-makers, economic participants, and voters through collaborative examinations of real world situations

ADVANCED PLACEMENT AMERICAN GOVERNMENT

Semester 1 & 2	11, 12
Credit:	.5 credits per semester
Prerequisite:	Application Process
Fee:	Textbook purchase required
	*Fulfills the American Government Requirement for graduation
	(Potential for Concurrent Enrollment option)

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: MICRO

Semester 1 & 2	11, 12
Credit:	.5 credits per semester
Prerequisite:	Application Process
Fee:	Textbook purchase required
	* Fulfills the Economics requirement for graduation

This college level course focuses on how to think economically, both in making personal decisions and in understanding the world around us. Rather than focus on the economy as a whole, microeconomics generally looks at the level of an individual industry or firm, and therefore can be quite valuable to students interested in business. Though no particular math classes are considered a prerequisite, you will be expected to perform calculations without a calculator and to interpret and draw graphs. 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 PSYCHOLOGY

Semester 1 & 2	11, 12
Credit:	.5 credits per semester
Prerequisite:	Application Process
Fees:	Textbook purchase required

This college level course introduces students to the systematic study of psychology (why we act the way we act and think the way we think). This is an engaging class where students will have an opportunity to participate in demonstrations and explore the complexity of human behavior. 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

Semester 1 & 2	11 or 12
Credit:	.5 credits per semester
Prerequisite:	Application Process
Fee:	Textbook purchase required

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 thematic analysis, primary source documents, discussion, and analysis of historical questions. Students are expected to analyze the complexities of U.S. History through developing and defending their own historical arguments. 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.

COMPARATIVE WORLD RELIGIONS

Quarter Course	11, 12
Credit:	.25 credits per quarter
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.

FILM STUDIES I: SOCIAL CHANGE

Semester 1	11, 12
Credit:	.5 credits per semester(.25 Social Studies and .25 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 0.25 Social Studies credits and 0.25 Language Arts credits.

FILM STUDIES II: DEFINING HUMANITY

Semester 2	11, 12
Credit:	.5 credits per semester (.25 Social Studies and .25 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.**

HISTORY THROUGH MUSIC

Quarter Course	11-12
Credit:	.25 credits per quarter
Prerequisite:	None

American History Through Music is designed to guide students in the examination of how American history and culture have influenced music, and conversely, been influenced by music. Using the SEP Model of Historical Study, students will be able to look at different social, economic and political events and understand the relationship between song, lyric, musician and society. Using historical eras and themes such as "Patriotism & Protest" and "Civil Rights & Social Change" to guide the course, students will be exposed to and gain an appreciation of many different musical genres and historical events. An emphasis will be placed on 20th Century history and music.

HISTORY OF AUTOMOBILES IN AMERICAN CULTURE

Quarter Course	11, 12
Credit:	.25 credits per quarter
Prerequisite:	None

Do you love cars? Do you enjoy U.S. History? If so, this quarter-long course is for you, as we will explore United States history and culture through the lens of the automobile. 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 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. The final project in the class requires students to integrate this knowledge into designing their dream car of the future. Finally, the class (most likely during the fall offering) might organize a charity car show hosted by AHS providing students with real-world event planning experience.

INTERNATIONAL RELATIONS

Quarter Course	11, 12
Credit:	.25 credits per quarter
Prerequisite:	None

This course provides an interactive environment as a means to learn more about what is going on around the globe. Students will have the opportunity to face challenging decisions and practice the art of negotiation as the course centers around a classroom simulation in which teams of students run their own country. Each new turn brings IR themed challenges such as conflict v. cooperation, piracy, the gap between rich and poor, national security, the environment and Human Rights issues.

INTRODUCTION TO LAW: CRIMINAL

Quarter Course	11, 12
Credit:	.25 credits per quarter
Prerequisite:	None
Fees:	Potential Field Trip Fee of \$10

The course is designed to introduce students to criminal law and, if possible, a few issues of civil law such as lawsuits. The course will focus on five aspects of the criminal justice system in the United States: the criminal mind and act; the investigation of crimes and the rights of the accused; trial procedures and the roles of prosecutors, defense attorneys, judges, and jurors; the prison system; and the death penalty. Whenever possible, the class will use real world, experiential opportunities such as a mock trial held at the district court in front of a real judge, the development of prosecutions and defenses with real local attorneys, guest speakers, visits to the courthouse to watch trials, and ride-alongs with local police. Students should recognize that the course does deal with some difficult content as does the criminal justice system. This is not done for shock value, but is necessary to understand the system and those that work in that system.

PHILOSOPHY

Quarter Course	11, 12
Credit:	.25 credits per quarter
Prerequisite:	None

The course is designed to give students an introduction to the field of philosophy. Students will be introduced to the essential questions raised in each of the subdivisions of philosophy, including Metaphysics, Epistemology, Logic, Ethics, Aesthetics and Politics. In addition, major ideas of such philosophers as Socrates, Plato, Aristotle, Descartes, Locke, Kant and more. Timeless philosophical problems will also be considered (i.e., What is the good life? Is man free? What is reality? Is a just society possible?). Emphasis will be given to critical thinking and discussion skills.

PSYCHISTRY

Quarter Course	11, 12
Credit:	.25 credits per quarter
Prerequisite:	None

This unique class looks at historical ideas through a psychological lens. Instead of asking “what” happened in history, we attempt to understand “why.” Specific questions may include: Why did the Salem Witch trials occur? Why are bad decisions made in a room full of really smart people? Why is it so hard for a dictator to let go of power once they have it? Why does a war torn region often have it’s misery perpetuated? Why do people join “cults?” Students will be expected to do independent research and utilize critical thinking skills that cross traditional curriculum boundaries. Instead of simply researching the historical events, students will access biographical information in order to learn about the personal and cultural forces that help explain their choices/behavior.

PSYCHOLOGY

Semester 1 or 2	11, 12
Credit:	.5 credits per semester
Prerequisite:	None

Psychology is an exciting elective designed to provide students with a broad perspective on the many aspects of human behavior and mental processes. In this course, we will explore questions such as: *What makes people behave as they do? How might we study human behavior? How are our thoughts influenced by ancient history? How do organisms learn? How can the brain's chemistry impact perception, thoughts, and behavior? How does our perception of the world influence our understanding of it?* Topics covered include: approaches to psychology, scientific method, evolutionary Psychology, behaviorism, the brain, sensation and perception, personality, consciousness and mindfulness. Students will have the opportunity to engage in presentations, activities, class discussions, and regular classroom demonstrations.

SENIOR SEMINAR: EXAMINING YOUR WORLD FROM OUTSIDE OF THE BOX

Quarter Course	12
Credit:	.25 credits per quarter
Prerequisite:	None

The course is intended for seniors who have a desire to challenge their beliefs or their understanding of the world as we examine perspectives and ideas that usually have not been introduced or examined in their coursework so far. Rather than looking backwards, the course tries to look forwards by focusing on understanding the potential changes that students might expect in their world over their lifetimes. The hope is to challenge prior assumptions and find new perspectives. The specific topics and materials are determined collaboratively in the course by the students and teacher. Each week will be an opportunity to expand one's intellectual curiosity.

SOCIOLOGY

Quarter Course	11, 12
Credit:	.25 credits per quarter
Prerequisite:	None

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 within society. Sociologists seek answers to questions of why people think the way they think and why they do what they do. Topics explored include: culture, socialization, education, family, gender roles, group dynamics, conformity and social control, crime and deviance, and the impact of media. This interactive class examines engaging content in a discussion and activity-based format. Students leave with a better understanding of self, others, and our interconnected roles within society.

WESTERN CIVILIZATION I (S1)

Semester 1	11
Credit:	.5 credits per semester
Prerequisite:	None (Potential for Concurrent Enrollment option)

This survey course traces European civilization from the Neolithic Revolution through the English Civil War and allows students to put themselves into the story of this expansive history. Core questions that will frame the course include: "What makes a civilization modern?" "How do values and identity evolve and change over time in European history?" "What is the relationship between the government and the people?" The course utilizes primary and secondary sources, projects, scored discussions (seminars), and tests, with the goal of developing critical thinking skills. If enrolled in a Concurrent Enrollment section, students will have the opportunity to earn college credit with a semester grade of C or better.

WESTERN CIVILIZATION II (S2)

Semester 2	11
Credit:	.5 credits per semester
Prerequisite:	None (Potential for Concurrent Enrollment option)

Continuing the story from Western Civilization I, this semester-long course traces European civilization from the Enlightenment to the present day with a critical eye toward how modern Europe emerged. Core questions that will frame the course include: "What makes a civilization modern?" "How do values and identity evolve and change over time in European history?" "What is the relationship between the government and the people?" The course utilizes primary and secondary sources, projects, scored discussions (seminars), and tests, with the goal of developing critical thinking skills. If enrolled in a Concurrent Enrollment section, students will have the opportunity to earn college credit with a semester grade of C or better.

Students do not need to take Western Civilization I (S1) to take Western Civilization II (S2)

TECHNOLOGY & ENGINEERING DEPARTMENT

TECHNOLOGY AND ENGINEERING DEPARTMENT FLOWCHART

9th Grade

Freshman year students have multiple options as an introduction to the study of Technology and Engineering at Araphoe.

Engineering Courses

Principles of Engineering and Tehchnology

Introduction to Engineering Design

Construction Trade Courses

Construction
Technology

Computer Science Courses

AP Computer Science Principles

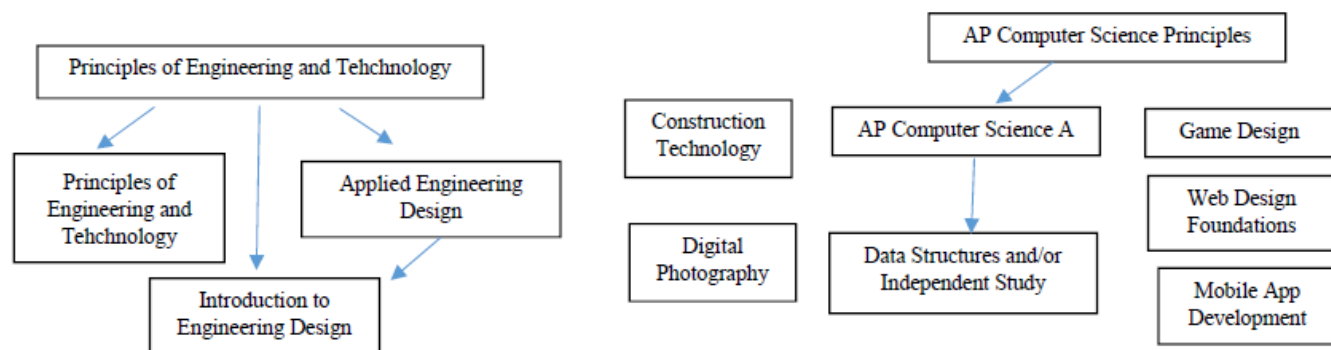
Game Design

Web Design Foundations

Mobile App Development

10th, 11th, 12th Grades

The Technology and Engineering Department values giving students a wide variety of choices and course pathways. During students' sophomore through senior years, we encourage exploration of several different topics.



CEC PROGRAM

The LPS Career and Education Center (CEC) is scheduled to open in the Fall of 2023. Students interested studying Technology and Engineering at the CEC should discuss courses at AHS with members of the department and the Guidance Office.

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: Principles of Engineering and Technology
CAD 1 and CAD 2**

**Sophomore year: Principles of Engineering and Technology
Architecture and Manufacturing**

**Junior year: Introduction to Engineering Design or Applied Engineering Design or
Opportunities at the EPIC Campus**

**Senior year: Introduction to Engineering Design or Applied Engineering Design or
Opportunities at the EPIC Campus**

Other Technology and Engineering Education classes, like Introduction to Engineering Design and Construction Technology, 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

PRINCIPLES OF ENGINEERING AND TECHNOLOGY (Previously Known as Tech Studies) (repeatable course)

Semester 1, 2	9,10,11,12
Credit:	.5 credits per semester
Prerequisite:	None
Fee:	\$15

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

Animation- Learn the process of creating animations in a digital format.

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.

Additive Manufacturing- Learn three dimensional design, CAD, and the additive manufacturing processes used in industry today.

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.

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

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.

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.

Math, science, design and engineering principles are emphasized where appropriate in each module. **Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.**

INTRODUCTION TO ENGINEERING DESIGN A (Previously Known as Design Projects) (repeatable course- Maximum of two semesters)

Semester 1, 2	9,10,11,12
Credit:	.5 credits per semester
Prerequisite:	None
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.**

APPLIED ENGINEERING DESIGN (Previously Known as Eng & Technology I & II) (repeatable course- Maximum of two semesters)

Semester 1, 2	10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	Tech Studies 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**. **Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.**

CONSTRUCTION TECHNOLOGY (Previously Known as Woods)

Semester 1, 2	9, 10,11,12
Credit:	.5 credits per semester
Prerequisite:	None
Fee:	\$40

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. **Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.**

DIGITAL PHOTOGRAPHY

Semester 1, 2	10,11,12
Credit:	.5 credits per semester
Prerequisite:	None
Fee:	\$8

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.

AP COMPUTER SCIENCE PRINCIPLES

Year Long	9,10,11,12
Credit:	.5 credits per semester
Prerequisite:	Algebra I

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

AP COMPUTER SCIENCE A

Year Long	10,11,12
Credit:	.5 credits per semester
Prerequisite:	Algebra II and/or AP Computer Science Principles

AP Computer Science A is equivalent to a first-semester, college level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

INDEPENDENT STUDY: DATA STRUCTURES

Year Long	11,12
Credit:	.5 credits per semester
Prerequisite:	AP Computer Science A

Covers the design, analysis, and implementation of data structures and algorithms to solve engineering problems using an object-oriented programming language. Topics include elementary data structures, (including arrays, stacks, queues, and lists), advanced data structures (including trees and graphs), the algorithms used to manipulate these structures, and their application to solving practical engineering problems. OR Independent Study. (To be taken after APCSA)

GAME DESIGN

Semester 1 or 2 9,10,11,12
Credit: .5 credits per semester
Prerequisite: None

This course is an introductory class that teaches game design and game design concepts, with an emphasis on the basic tools of game design: paper and digital prototypes, design iteration, and user testing. The audience for this course includes current and aspiring game designers and anyone interested in delving into the game creation process. Students will develop a digital portfolio of their work. **Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.**

WEB DESIGN FOUNDATIONS A (Previously Known as Web Page Design)

Semester 1 or 2 9,10,11,12
Credit: .5 credits per semester
Prerequisite: None

Processing promotes software literacy, particularly within the visual arts & visual literacy within technology. Its purpose is to serve as a software sketchbook & to teach programming fundamentals from a visual context. Processing is a development tool used widely by professionals in the tech world. From there, the basics of web design will be introduced, from planning page layouts to publishing a complete site to the web. In addition, students will learn about the world wide web from inception to today, how computers communicate with each other, and netiquette. This is a project based course where students are expected to design and create web pages through real-world design scenarios. **Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.**

MOBILE APP DEVELOPMENT

Semester 1 or 2 9,10,11,12
Credit: .5 credits per semester
Prerequisite: None

With the rapid advancement of mobile technologies such as mobile gaming, machine learning, AI and facial recognition apps, increasing in popularity, there's never been a better time to become a mobile application developer. This project-oriented course will investigate application development for the Android mobile platform. We will look at techniques for building applications that adapt to the ways in which mobile apps differ from traditional desktop or web-based apps, including constrained resources, small screen sizes, varying display resolutions, intermittent network connectivity, specialized sensors, and security restrictions. We will explore best practices for making mobile applications flexible: using XML-based layouts, networking via NFC and Wi-Fi, determining device location and orientation, deploying applications, gracefully handling shutdowns and restarts to the application, embedding web components in applications, showing maps with the Google Maps plug-in, and storing local data with SQLite. **Recommended course for students interested in pursuing pathway at [EPIC Campus](#) opening Fall 2023.**

VISUAL ARTS DEPARTMENT

[“Why Should I Take An Art Class” - Click Here](#)

VISUAL ARTS DEPARTMENT FLOWCHART

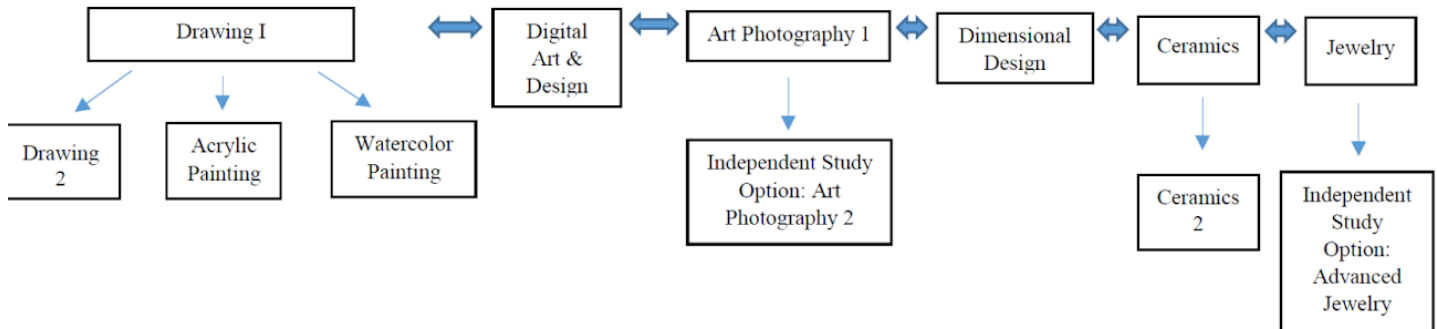
9th Grade

Freshman year students have both 2-D and 3-D options for art classes. Each of these classes have been designed to give students a wide variety of media options and an authentic introduction to high school art.



10th, 11th, 12th Grades

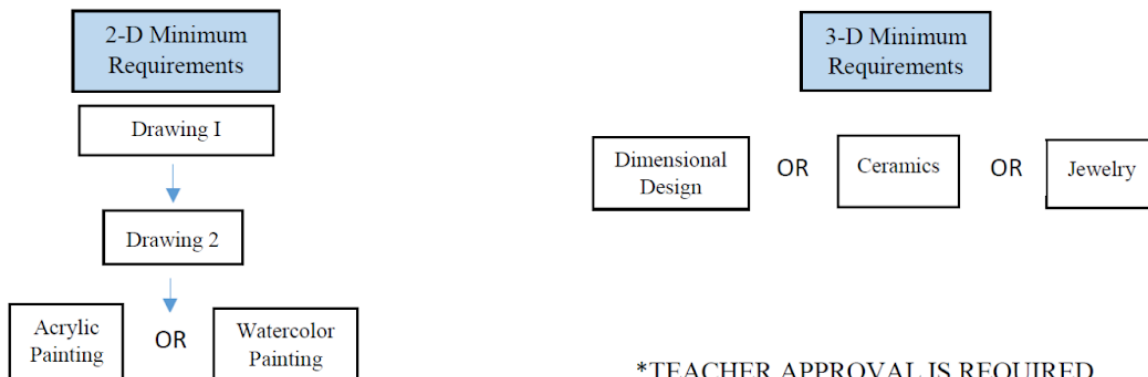
The Art Department values giving students a wide variety of art making experiences. During students' sophomore through senior years, we encourage exploration of several different types of art. Options are available in both 2-D and 3-D media. Level 2 classes are available for students who want to further develop their skills in specific art mediums.



STUDIO ART OR AP STUDIO ART

Studio Art is for junior and senior visual arts students who are passionate about art. Students interested in developing more personal voice in their art work or creating a portfolio of work to use for college or art pursuits after high school are perfect candidates for this class. In order to take Studio Art, artists need a strong foundation in a variety of art techniques and skills. The flow chart below provides a list of the minimum pre-requisites needed to take Studio Art.

AP Studio Art is designed for juniors and seniors who want to major or minor in art in college or want to pursue their own personal exploration in the field of Visual Arts. The course will accommodate students who have expressed an interest in completing the 2D Art and Design, 3D Art and Design or AP Drawing Portfolio exams. Teacher-directed units are presented in accordance with College Board Exam requirements. Emphasis will be placed on the completion of a volume of quality pieces, with students developing a personal concentration of works. Effective visual communication skills, written and oral analysis skills will be emphasized as well. There is an expectation that students will attend extra workshops to assist in completing their volume of work. A course fee exists to cover the cost of materials; although some specialized materials may have to be purchased in addition to what is covered by the course fees. This course may be repeated for credit as three different AP exams are offered. Additional fees apply for taking the AP Exams.



*TEACHER APPROVAL IS REQUIRED

DRAWING 1 *PREVIOUSLY ART FOUNDATIONS

Semester 1, 2	9, 10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	None
Fee:	\$15.00

This course is a BASIC course in drawing and students can expect to explore the essential tools and techniques needed to learn how to draw realistically. The purpose of this course is to create the illusion of depth on a two dimensional surface. The specific areas that will be explored and learned are: positive/negative space drawing, contour line drawing, shading of forms, and both one and two point perspective. Emphasis will be placed on good Composition and quality craftsmanship in each piece created throughout this course.

DRAWING 2

Semester 2	9 (semester 2 only), 10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	Art Foundations OR Drawing 1
Fee:	\$15.00

In this course, students will use the techniques and media learned in Drawing 1 to develop more of a personal style and voice in their artwork. Students will be challenged to tackle their ideas in a more conceptual way. A willingness to explore and develop new techniques is encouraged. Students will have freedom and choice in how they approach the drawings they make throughout this course.

DIMENSIONAL DESIGN

Semester 1, 2	9, 10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	None
Fee:	\$15.00

In this course, students will show their visual and creative problem- solving skills through experimentation, planning, and the use of a variety of materials and techniques. This course will help to build design skills that can be transferred to other courses both in and outside of the art department. An element of dimension, ranging from flat or relief-based pieces to fully 3-D pieces, will be added to each of the projects students complete during the semester.

DIGITAL ART & DESIGN

Semester 1	10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	None
Fee:	\$15.00

This course will introduce computer technology to produce an artistic image. Students will learn computer illustration techniques, 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.

JEWELRY

Semester 1, 2	10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	None
Fee:	\$40.00

This course builds skills and confidence in jewelry making and design development, with an emphasis on craftsmanship. Students will use a variety of jewelry making techniques to create various 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. Students will leave this course with several original and unique jewelry pieces.

ADVANCED JEWELRY

***PLEASE SEE INSTRUCTOR FOR AN INDEPENDENT STUDY OPTION**

Semester 2 ONLY 10, 11, 12
Credit: .5 credits per semester
Prerequisite: Jewelry
Fee: \$40.00

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

Semester 1, 2 11, 12
Credit: .5 credits per semester
Prerequisite: None
Fee: \$25.00

In this course, students will gain skills and knowledge in both basic handbuilding and wheel throwing techniques with clay. They will have the opportunity to create both functional and sculptural works of art, and will finish their ceramic pieces utilizing a variety of glazing techniques and applications. Students will leave this course with multiple unique and original ceramic pieces.

CERAMICS 2

Semester 2 ONLY 11, 12
Credit: .5 credits per semester
Prerequisite: Ceramics
Fee: \$25.00

In this course, students will expand their knowledge and skills learned in Ceramics 1. Students will have the opportunity to choose to create projects using the wheel, handbuilding, or a combination of both. There will be a greater emphasis on creating more complex and intricate forms while improving the finishing of their pieces. Students will also expand their knowledge and practice of glazing and other surface treatments.

ART PHOTOGRAPHY

Semester 1, 2 10, 11, 12
Credit: .5 credits per semester
Prerequisite: None
Fee: \$40.00

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

In 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 allow you to show personal expression and creativity.



ART PHOTOGRAPHY 2

***PLEASE SEE INSTRUCTOR FOR AN INDEPENDENT STUDY OPTION**

Semester 2 ONLY 10, 11, 12
Credit: .5 credits per semester
Prerequisite: Art Photography
Fee: \$40.00

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

In this course, students will expand on the knowledge and skills learned in Art Photography 1, continuing to use film and the darkroom. Using effective composition and pushing yourself creatively will be stressed on all assignments. Projects will be independently designed by the students and will be geared towards exploration of upper level photography techniques such as Sandwiching/Multiple imaging, Reticulation, Burning and Dodging, Tinting, etc.

PAINTING I (Previously Known as Acrylic Painting)

Semester 1	10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	Drawing I
Fee:	\$20.00

For this course, students will be expected to have a working knowledge of color theory, composition, and basic craftsmanship skills. Students can expect to gain a knowledge of how to manipulate acrylic paints through the use of different techniques. Students will be expected to participate in self-evaluations and group critiques where they analyze the works of other class members.

PAINTING II (Previously Known as Acrylic Painting II)

***PLEASE SEE INSTRUCTOR FOR AN INDEPENDENT STUDY OPTION**

Semester 2	10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	Drawing I and Acrylic Painting
Fee:	\$20.00

This course is an extension of the skills learned in Acrylic Painting. Students will be exploring effective approaches to advancing their painting techniques. Students will also work to develop a personal style in their pieces. Each student will continue to utilize drawing skills, composition, color theory, and study various historical and contemporary painters as a basis to construct a successful painting.

WATERCOLOR PAINTING

Semester 2	10, 11, 12
Credit:	.5 credits per semester
Prerequisite:	Drawing I
Fee:	\$20.00

For this course, students will be expected to have a working knowledge of color theory, composition, and basic craftsmanship skills. Students will learn how to prepare a painting and apply watercolor paints using a variety of techniques. 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)

Semester 1,2	11,12
Credit:	.5 credits per semester
Prerequisite:	<u>AT A MINIMUM:</u> Drawing 1 & Drawing 2 & Acrylic OR Watercolor & Dimensional Design OR Ceramics OR Jewelry *Pre-approval of the instructor required
Fee:	\$40.00

This course is offered for the advanced art student. The purpose of this class is to allow each young artist to explore a variety of ideas that are personally meaningful. The media choices vary depending on what each student wants to pursue and help students continue to build on the working knowledge of techniques and skills they have learned in other classes they have taken. Projects are prompt based, encouraging students to develop a personal relevance and voice in their pieces. Students also complete weekly visual journal assignments to explore different creative avenues and ideas in their work. This class is perfect for the student looking to build a portfolio of work for college or a profession in the arts!

AP STUDIO ART

Semester 1,2	11, 12
Credit:	.5 credits per semester
Prerequisite:	<u>AT A MINIMUM:</u> Drawing 1 & Drawing 2 & Acrylic OR Watercolor & Dimensional Design OR Ceramics OR Jewelry *Pre-approval of the instructor required
Fee:	\$40.00

This course is designed for high school students who want to major or minor in art in college or want to pursue their own personal exploration in the field of Visual Arts. To enroll, students must have completed **at least** Drawing I, Drawing 2, Acrylic Painting OR Watercolor, and Dimensional Design OR Ceramics, OR Jewelry. The course will accommodate students who have expressed an interest in completing the 2D Art and Design, 3D Art and Design or AP Drawing Portfolio exams. Teacher-directed units are presented in accordance with College Board Exam requirements. Emphasis will be placed on the completion of a volume of quality pieces, with students developing a personal concentration of works. Effective visual communication skills, written and oral analysis skills will be emphasized as well. There is an expectation that students will attend extra workshops to assist in completing their volume of work. A course fee exists to cover the cost of materials; although some specialized materials may have to be purchased in addition to what is covered by the course fees. This course may be repeated for credit as three different AP exams are offered. Additional fees apply for taking the AP Exams.

WORLD LANGUAGES DEPARTMENT

WORLD LANGUAGE FLOWCHART

Two years of the same World Language is recommended

**Workforce, military, or
community college pathway**

- There is no world language requirement for graduation.

Four year university pathway

- Typically two (sometimes 3) years of the SAME language is recommended or required for admittance.



How to decide if student should continue his/her language studied after 2 years:

- Student was successful in the first 2 years of language study.
- Students has a passion for the language.
- Student's college of choice **requires** 3 years of a language.



How to decide if student should continue his/her language studied after 3 years:

- Student was successful in the first 3 years of language study.
- Students has a passion for the language.
- Student desires to earn college credit through concurrent enrollment
- Student has a commitment to the rigor of a Spanish 4 or AP level language course
- Student desires to continue his or her Spanish education in college.

World Languages Offered:

Spanish

Spanish 1
Spanish 2
Spanish 3
Spanish 4
Advanced Spanish Culture and Conversation
CE/AP Spanish Language and Culture
AP Spanish Literature and Culture

French

French 1
French 2
French 3
French 4
French 5

WORLD LANGUAGES DEPARTMENT

FRENCH I

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

This course is designed to introduce students to the French language and different Francophone cultures. The student will read and write simple texts, as well as listen, understand, and participate in basic conversations.

FRENCH II

Semester 1 & 2 9, 10, 11, 12
Credit: .5 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 read a variety of text types, and begin to write for a variety of purposes, as well as understand authentic rates of speech. Students study Francophone cultures thematically throughout each unit.

FRENCH III

Semester 1 & 2 9, 10, 11, 12
Credit: .5 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 different text types, write for a variety of purposes, engage in conversation in the target language and learn about different Francophone cultures..

FRENCH IV/V

Semester 1 & 2 9,10,11,12
Credit: .5 credits per semester
Prerequisite: Passing grade in French III

French IV/V is an advanced course that uses all of the grammar, vocabulary, and cultural themes taught in French I, II, and III to communicate effectively in French. French IV/V 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

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 on 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

Semester 1 & 2	9, 10, 11, 12
Credit:	.5 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, introducing 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

Semester 1 & 2	9, 10, 11, 12
Credit:	.5 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 of the 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

Semester 1 & 2	9, 10, 11, 12
Credit:	.5 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 of the 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.

CONCURRENT ENROLLMENT/ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE

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

AP Spanish Language is an advanced course that uses all of the 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.

ADVANCED PLACEMENT SPANISH LITERATURE AND CULTURE

Semester 1 & 2	11, 12
Credit:	.5 credits per semester
Prerequisite:	S1-a passing grade in Spanish IV S2-a passing grade in AP Spanish Language-S1

AP Spanish Literature and Culture is an advanced course that uses a thematic approach to introduce students to representative texts of Spanish literature. Students continue to develop proficiencies across the different modes of communication (interpersonal, presentational, and interpretive), while improving their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons.

ADVANCED SPANISH CULTURE AND CONVERSATION

Semester 1 or 2 11, 12
Credit: .5 credits per semester
Prerequisite: S1-a passing grade in Spanish IV

Advanced Spanish Culture and Conversation is an advanced course where students will continue to develop proficiency in understanding and communicating in a variety of settings, topics, and types of discourse. Special focus will be placed on the exploration and discussion of the history, current events, arts, sports, geography and other cultural topics related to Spanish speaking cultures. Emphasis is placed on the development of communication skills through reading, writing, listening and speaking. Students will increase their accuracy in written and spoken Spanish through spontaneous discussions, debates and presentational speaking. Students will access a variety of resources including but not limited to literary works, print media and film. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.*



AHS - LPS Seal of Biliteracy

The AHS Seal of Biliteracy is a recognition for a graduating high school student who can speak, listen, read and write at a high level in English as well as in Spanish or French. In order to earn the Seal, a student must demonstrate his/her mastery of both English and Spanish or French using the AHS Seal of Biliteracy criteria.

The Seal of Biliteracy is a prestigious credential that allows colleges and employers to know that a student is proficient in another language other than English. The Seal of Biliteracy appears on the official student's transcript.



Global Seal of Biliteracy

The Global Seal of Biliteracy™ is a credential that celebrates language skills and expands future opportunities for its recipients. A uniform standard is used to empower our awardees to be a valuable asset in multilingual environments. We are committed to providing access to language certification to anyone that can demonstrate their bilingualism via testing. The Global Seal of Biliteracy enables recipients to showcase their language skills to any school or employer across state lines and national borders, with a unique serial-numbered document.

UNIQUE COURSE OFFERINGS

ACADEMIC INTERNSHIP

Semester 1, 2 11, 12

Credit: 1 credit 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 a 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: .25 or .5 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 PARAProfessional and other certified teachers to help assist students improve their organizational skills, gain a better understanding of their homework assignments and prepare for exams. **These elective credit hours will not count toward meeting departmental requirements.**

INDEPENDENT STUDY

Semester 1, 2 11, 12

Credit: .25 or .5 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 Counseling 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.

INDEPENDENT STUDY: LIFEGUARDING

Quarters 1,2,3,4 11, 12
Credit: .25 credits
Prerequisite: Teacher approval required

Students who hold a valid Lifeguarding/CPR/AED & First Aid Certificate may earn PE credit Lifeguarding for a swimming class. This class may be repeated. **Independent Study: Lifeguarding applications are available from Mrs. Abner in the PE office.**

LEADERSHIP

Semester 1 11, 12
Credit: .25 credits
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 styles/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: .25 credits 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.. 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 3 credits towards the elective credits 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: .25 or .5 credits (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: .25 credits 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 3 credits of Study Center credit toward the elective credits needed for graduation, and must be enrolled in the minimum required credits for their grade level before adding study center credits.

OFFERINGS AT OTHER LPS SCHOOLS

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 students should consider when expressing interest in an offering include course prerequisites, student's grade level, high school graduation requirements, college admission requirements, career and college goals, and student/parent preferences. If a student does enroll in course outside of the home schools, It is the student's responsibility to travel to another school to participate in a cross-school course(s) and other logistical obligations. See your counselor for more information.

Students interested in any of these course offerings must complete the following form: [Offerings at Other High Schools](#)

Heritage

German I

Prerequisite: C or better grade in 8th grade English; 8th grade reading level

Students will incorporate the interpersonal, interpretive and presentational modes of communication to develop novice level skills in listening, speaking, reading and writing German. Development and assessment of these four proficiencies are ongoing throughout the year. Students will develop an understanding of the language's sound system, recognizing and using the appropriate alphabet. Students will be able to communicate in German in the present and future about routine daily activities. They will also read selected authentic texts, and participate in cultural activities appropriate to the level. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.*

German II

Prerequisite: German I

Second year German students continue to develop essential communication skills in the target language. Our work emphasizes student incorporation of the interpersonal, interpretive and presentational modes of communication to develop listening, speaking, reading, and writing in culturally appropriate contexts. Students expand their vocabulary and deepen their knowledge of more complex language structures and will be able to communicate about past events. Teacher facilitates use of German in conducting classroom activities, oral participation is emphasized, and students will continue reading from selected authentic texts. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.*

German III

Prerequisite: German II

In the third level of German, students refine their skills in listening, speaking, reading and writing through the interpersonal, interpretive and presentational modes of communication. Students will refine their ability to communicate in all three time frames (past, present and future). Students will read and discuss selected authentic fiction and nonfiction texts in German. There is increased emphasis on oral communication with increased vocabulary development and more polished written expression. Most of the class is conducted in German. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.*

AP German Language and Culture

Prerequisite: German IV

This course offers students the opportunity to develop proficiency in understanding and producing communications in a variety of settings, topics, and types of discourse. Students learn to speak, listen, read, and write in German that is comprehensible to native speakers. To achieve these goals, the student will write essays and give oral presentations that synthesize ideas from authentic sources including films, recorded interviews, conferences, conversations, articles from print media, literary selections and essays. Topics include current affairs, history, politics, culture, the arts, sports, and more. This is a course authorized by the College Board for advanced language. Students completing this course are required to take the Advanced Placement examination in May. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.*

AP Music Theory

Fee: Text and AP Exam

Prerequisite: Instructor approval

This college level course studies the Common Practice Period including aspects of melody, harmony, texture, rhythm, form, musical analysis, composition, history and style. This course will also cover musicianship skills such as dictation, recognition/identification, sight-singing and other listening skills. The student's ability to read and write musical notation is fundamental to this course. Students must be able to read at least one clef (Treble, Alto, Tenor or Bass Clef). It is also assumed that the student has acquired (or is acquiring) basic performance skills in voice or on an instrument. Students completing this course are required to take the Advanced Placement examination in May.

Entrepreneurship/Incubator

Previous business class completion and/or Instructor Approval

This course is designed for budding entrepreneurs to get the opportunity to showcase their creativity and bring their dreams to fruition. In Entrepreneurship, students will discover and further develop their entrepreneurial style and skills. Students will have the opportunity to create and fully develop their own product or service. Students will work with real-world entrepreneurs and business experts who will serve as coaches and mentors, guiding student teams through the process of ideation, market research, and business plan development. Over the course of the year, student teams will:

- experience the excitement of developing their own company and build a REAL business; not simply participate in simulated business experiences.
- learn about marketing, accounting, human resources, as well as the legal aspects of running a business.
- discover how to bring their product or service idea to market in preparation for Pitch Week.
- pitch their innovative idea to potential investors, possibly earning funding to turn their business plans into reality during the summer and the following school year.

This course offers a Capstone opportunity for students to demonstrate competency in both English and math according to the LPS District Capstone Rubric.

AP Capstone: Seminar and Research

Seminar

Fee: Text and AP Exam

Prerequisite: Teacher recommendation/approval

General elective credit will be earned

In this foundational course, students develop and strengthen analytic and inquiry skills, by investigating real-world topics of their own choosing from multiple perspectives which often are different or competing. In groups and individually, the students will examine many types of materials to collect and analyze information with accuracy and precision, craft arguments based on facts supporting their point of view, and effectively communicate this information through various media. Themes that allow for deep exploration based on students interests, local and/or civic issues, global or international topics, and concepts from other AP courses are typically selected. For example, students might explore the question of whether national security is more important than a citizen's right to privacy, or whether genetic engineering is a benefit to society. During the course, students complete a team project and presentation, an individual paper and presentation, and take a written AP exam in May. The AP Seminar exam score is based on all three components and is reported on the standard 1-5 AP scoring scale. Most work is completed in the classroom. **This course offers a Capstone opportunity for students to demonstrate competency in both English and math according to the LPS District Capstone Rubric.**

Research

Prerequisite: AP Seminar

The second course in the AP Capstone experience allows students to work with an expert advisor to design, plan, and conduct a year-long research-based investigation on a topic of individual interest. Through this inquiry and investigation, students demonstrate the ability to apply scholarly understanding to real-world problems and issues. Students further the skills developed in AP Seminar by understanding research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information to build, present, and defend an argument. Students may choose to:

- dig deeper into a topic studied in an AP course;
- work across academic areas with an interdisciplinary topic; or
- study an area of interest, perhaps one for further study at the college level.

At the end of the research investigation, students submit an academic thesis paper of about 5,000 words, present their thesis, and orally defend their work. The AP Research exam score is solely based on the paper, presentation, and defense, and is reported on the standard 1-5 AP scoring scale. Students do not sit for an AP exam in May. Most work is completed in class. **This course offers a Capstone opportunity for students to demonstrate competency in both English and math according to the LPS District Capstone Rubric.**

AP French

Fee: Text and AP Exam

Prerequisite: French IV

This course offers students the opportunity to develop proficiency in understanding and producing communications in a variety of settings, topics, and types of discourse. Students learn to speak, listen, read, and write in French that is comprehensible to native speakers. To achieve these goals, the student will write essays and give oral presentations that synthesize ideas from authentic sources including films, recorded interviews, conferences, conversations, articles from print media, literary selections and essays. Topics include current affairs, history, politics, culture, the arts, sports, and more. This is a course authorized by the College Board for advanced language. Students completing this course are required to take the Advanced Placement examination in May. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.*

Littleton

AP Physics II

Full-Year Course / Credit: 5 per semester

Prerequisites: AP Physics 1, Trigonometry and Analytic Geometry

This course covers all the topics in a second semester college course in algebra and basic trigonometry level physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics and atomic and nuclear physics. This course focuses on big ideas in physics and scientific inquiry through experimentation, analyzing, and solving problems. Lab work is a significant part and at least 25 percent of class time will be spent on student-led inquiry-based labs. College credit may be awarded by colleges depending on the colleges' program requirements and student performance on the exam.

Options

Multimedia/Visual Arts CTE

This series of courses provides students an opportunity to learn skills in Design & Multimedia Arts. Students take courses in graphic design, digital photography, commercial photography, jewelry design & drawing. Students will utilize the Adobe Creative Cloud Suite (Illustrator, Photoshop, InDesign & Lightroom Classic) as well design and build software (Tinkercad, Prusa, Einscan, Corel Draw) to learn beginning and advanced techniques in Digital Media & Design. These courses are helpful for any future photographer, advertiser, or graphic designer. Students will begin developing a high quality portfolio for college or design school. There could be opportunities to earn industry certifications through these courses.

LITTLETON PUBLIC SCHOOLS – ACTS

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. In some cases, ACTS classes can replace graduation requirements. Please read the course descriptions on the ACTS link above or talk to your counselor for more information. **Please be aware that completing this application DOES NOT equate to being accepted into the program you are requesting. The application will be submitted to the program and your counselor will be notified of your acceptance status.** 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.

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.

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.

Classes are filled on a first come first serve basis.

For Current Course Descriptions and Location Information for ACTS Courses please go to
<https://littletonpublicschools.net/career-technical-education>

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">• Early Child• 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 |
|---|---|

Enrollment Process

[Click Here](#) to learn about the 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 [HERE](#) 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.

High School Announcements for Teacher Cadet

Have you ever thought about teaching as a career? Would you like to be better prepared to succeed in college? Teacher Cadet is the course for you!

The Teacher Cadet Program is an innovative approach designed to attract talented young people to the teaching profession through a challenging introduction to teaching. The program provides high school students insight into the nature of teaching, and the critical issues affecting the quality of education in America's schools. The skills you master will be helpful in college and career!

This is a year-long elective (English and Practical Arts credits) where you will have a chance to make a difference with the children you come in contact with as you “try out” teaching. You will experience learning in the classroom and a mini-student teaching field experience. College credit opportunities are available.

[Watch this 3 minute video](#)

Help fill the Colorado teacher shortage - become a Teacher Cadet!

For more information, contact instructor, Laura Alsdorf, lalsdorf@lps.k12.co.us, [CTE Website](#)

Explorative Pathways for Innovative Careers “EPIC” Campus



The LPS Explorative Pathways for Innovative Careers “EPIC” campus is set to open in the Fall of 2023! Located at Littleton Blvd and Broadway, across from LHS and the LPS Stadium.

- Students will spend part of their day at the Explorative Pathways for Innovative Careers “EPIC” campus and the remainder at their home high school. Transportation will be provided.
- EPIC courses intend to offer content credit, industry certifications, concurrent enrollment, and work-based learning.
- This is an opportunity for students to take classes in various pathways to learn more about this area and determine if they want to pursue post-secondary opportunities in this field, such as internships, apprenticeships, college course work, and/or careers.
 - Aerospace- engineering, robotics, flight, machining
 - Business and Entrepreneurship- business, marketing, entrepreneurship
 - Computer Science- game design, cyber security, information technology
 - Construction Trades- design, framing, electrical, plumbing, HVAC
 - Health Sciences-Nurses assistant certification program, mental health
 - Natural Resources-wildlife biology, soil and water ecology, horticulture, landscape design

Students interested in taking classes at the Explorative Pathways for Innovative Careers “EPIC” campus should:

- Review your course catalog and enroll now in classes that are marked Explorative Pathways for Innovative Careers “EPIC” Recommended Course
- Reach out to the EPIC Principal with specific questions. Look for EPIC staff members at high school lunches throughout the semester to meet with interested students.
- Stay tuned for more information in the Fall of 2022 about enrolling in specific classes.

Check out the [EPIC website](#) for the most up-to-date information