

Carlmont High School

2017-18 Program Planning Handbook



Our Mission:

The mission of Carlmont High School is to provide an engaged learning community in order for all students to succeed in academic, career, and life choices as responsible members of a diverse society.

Table of Contents

<u>Section Information</u>	<u>Page</u>
School Information & Contacts	3
Counseling department	4
Counseling Department overview	
College & Career Center resources	
Course Selection Guidelines	5
How to choose classes	
Registration process	
Schedule changes	
SUHSD Graduation Requirements	6
College Admissions Requirements	7
Planning Resources	
College Planning Timeline	8
4-Year Educational Plan Worksheet	9
Weekly Class Homework Average	10
Time Management Worksheet	11
<u>List of Course Offerings</u>	
How to Read Course Descriptions	12
Course Overview	13-14
Computer Science	15-16
English	17-19
Media Arts Pathway	20
Math	21-23
Physical Education	24-25
Science	26-28
Biotech Institute (BTI) Pathway	29
Social Studies	30-32
Visual & Performing Arts	33-37
World Languages	28-39
Non Departmental	40
Course Index	41

School Information and Contacts

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Counseling Department

The counseling program provides students with support in the areas of academics, personal/social counseling, and college/career choices as students become increasingly independent during their four years of high school. Students work with the same counselor throughout their high school career. Counselors meet with students in classrooms, small groups and on a one-to-one basis. Additionally, Carlmont has a school therapist available for urgent personal counseling needs as well as conflict mediations. Students are encouraged to contact their assigned counselor any time they have questions or concerns. At the start of the second semester counselors will provide students with an overview of the course schedule for the upcoming year. Counselors will also guide students through the planning and selection process as well as distribute and collect course request materials.

College & Career Center Resources

College and Career Center is available to all students and families for the following services.

Naviance – Online Planning Resource Naviance is a web-based program available to all students to explore different colleges and post-high school options. Naviance includes interest inventories to assist students in exploring careers and majors as well as several college search tools. Students have the ability to sign up to attend informational meetings from college representative. In 2016-2017 Carlmont hosted over 70 different colleges. Scholarship opportunities as well as important web sites are listed in Naviance. The program functions as a communication tool and is the way in which students request transcripts to be sent to colleges as well as requesting teacher and counselor recommendations letters.

College and Career Center Additional Resources

- College and university information: catalogs/reference books: two-year, four-year, in-state, out-of-state, public and private colleges
- Testing dates and registration materials: PSAT, SAT, SAT Subject Tests, ACT, Advanced Placement
- Scholarship and financial aid information and applications forms
- Trade, technical and specially school information Regional Occupational Program (ROP) information
- SAT and ACT prep workshop information
- Summer opportunities information
- National Collegiate Athletics Association (NCAA) information
- Fall college representative visits
- Career speakers

Course Selection Guidelines

The Program Planning Handbook is designed to assist students and parents in educational planning and course selection. Prior to registration meetings with their counselors, students attend the Carlmont Course Fair. Students should also review course descriptions and talk to teachers or department chairs about courses they are interested in taking. During the registration meeting, the counselor will review the student's transcript, provide guidance for course selection, and will review college admission and graduation requirements. When students are considering their classes for the following school year, they should consider the following course selection guidelines:

- Graduation Requirements
- College Entrance Requirements
- The student's interests
- Total number of courses and rigor of classes
- Parent consent
- Teacher recommendation
- Additional time commitments outside of academics

Registration Process

Beginning late February each year, counselors begin to meet each student on his/her caseload individually for course registration appointments. Counselors review a 4-year academic plan with students and assist with their course requests. After each appointment is held, a confirmation email will go home to parents that night for their review of their student's course selections. Requests for changes to these selections can be done by replying to the email. Changes to the original selections may occur until April 28, 2017. A master schedule is then created based on student course requests. While Carlmont Administration works diligently to offer schedules that accommodate all students, there are times when conflicts occur and students do not get their first choices. When this occurs, counselors work with students and their families to choose an alternate selection.

Schedule Changes

Carlmont High School's master schedules and course offerings are based entirely on student selection. Please note that students' course schedules are not based on period requests or teacher requests. All 9th, 10th and 11th graders must be enrolled in at least six classes. 12th graders must be enrolled in at least five classes. Course changes will not be made to accommodate extra-curricular schedules, personal preferences, teacher, or period preferences. Requests to drop one class and enroll in another must be by April 28, 2017. Level changes must be made within the first two weeks of the school year. Requests will only be granted based on course capacity and availability.

Students may request schedule changes based on the following reasons: Incorrect level for student (academic misplacement) or error. Students are expected to select classes carefully and to maintain a firm commitment to continue enrollment in their classes once the school year begins.

SUHSD Graduation Requirements

Subject	SUHSD Grad. Requirements Class of 2018 & 2019 (passing with D- or better)	SUHSD Grad. Requirements Class of 2020 (passing with D- or better)	A-G Requirements (passing with C- or better)
English	40 credits	40 credits	4 years
Math	20 credits 10 credits of Algebra 1 or equivalent	20 credits 10 credits of Algebra 1 or equivalent	3 years Algebra I Geometry Algebra II
Science	20 credits 10 credits of lab Science	20 credits 10 credits of lab Science	2 years* 1 year of Life Science 1 year of Physical Science
Social Studies	35 credits 15 credits of Social Science 10 credits of US History 5 credits of Government 5 credits of Economics	35 credits 15 credits of Social Science 10 credits of US History 5 credits of Government 5 credits of Economics	2 years World History U.S. History Government
Life Skills	2.5 credits	2.5 credits	No requirement
Fine Arts	10 credits	10 credits	1 year visual or performing
Physical Education	20 credits	20 credits	No requirement
World Language	No requirement	No requirement	2 years in the same language
Electives	62.5 credits	62.5 credits	1 year must be a college prep. elective
CTE (Career Tech Ed.)	10 credits	10 credits** (students must take a 3rd year of language OR CTE classes)	No requirement
TOTAL CREDITS	220	220	

* Life Science = Biology, Human Biology, Biotech, AP Biology// Physical Science = Chemistry, Physics

**For the class of 2020 and beyond, students will need to take a third year of World Language or a CTE course.

College Admissions Requirements

Community College Requirements

Community colleges provide quality, affordable educational options for students. Students can earn a two-year associate's degree, a certificate in a particular field, remediate their skills and improve upon their English skills among other things. Students may also participate in transfer programs that will allow them to transfer to a four year college after two years at the community college. First priority for student enrollment in the California Community College System is given to students who have either graduated from high school, did not complete high school by the date of their class graduation, or have reached the age of 18.

All Carlmont students hoping to enroll in a community college course while enrolled in high school are required by the California Community College System to have a school counselor approve the request prior to their enrollment in the class. Detailed instructions and the enrollment packet are available [here](#). Please see our website for information about concurrent enrollment parameters.

California State University

Students interested in attending any California State University must satisfy the following requirements:

- Complete a minimum of 15 college-preparatory courses (a-g courses), with at least 11 finished prior to the beginning of 12th grade.
- Earn a grade point average (GPA) or 2.0 or better in a-g courses with no grade lower than a C
- Meet the examination requirements by taking the ACT plus Writing or the SAT by December of senior year.

Students should visit the following website for more info: [CSU requirements](#)

University of California

Students interested in attending any University of California must satisfy the following requirements:

- Complete a minimum of 15 A-G courses with a C or better in each course
- Earn a grade point average (GPA) of 3.0 or better in A-G courses with no grade lower than a C.
- Students who do not meet a 3.0 GPA requirement must submit SAT or ACT test scores to meet eligibility index requirements.

Students should visit the following website for more info: [UC requirements](#)

Private College Requirements

Private institutions have requirements that vary from college to college. Students should use their Naviance account as well as visit the admissions page at the private college of their choice to get specific information. Generally, the list of courses required by the University of California provides a guideline for the high school courses that should be taken to qualify for admission to private colleges.

Planning Resources

COLLEGE PLANNING TIMELINE

The following checklist may be helpful to stay organized on the path to college. These are general guidelines and not all items are listed or applicable to everyone.

Freshman Year

- Visit all the resources on campus – Library, Counseling Office, College & Career Center
- Establish strong study habits and time management techniques
- Participate in extra-curricular activities and work toward leadership positions.
- Get involved! Join clubs, ASB and play sports! Explore and participate in community service
- Meet your counselor and review your four year plan
- Participate fully in the Naviance presentation in your social studies class and log back into the program on your own
- Start a list of accomplishments or awards to be used when preparing a resume or college applications

Sophomore Year

- Concentrate on academic preparation and continue to develop basic skills and extracurricular interests
- Take the Practice SAT Exam (PSAT)
- Attend college admission representative visits in the College Center
- Explore Naviance and do some college/career browsing
- Volunteer, work or take classes over summer
- Add to your list of accomplishments
- Athletes: To play college athletics you must be certified by the NCAA. Start this process in late spring of your sophomore year at www.eligibilitycenter.org

Junior Year

- Take the Practice SAT Exam (PSAT)
- Register for SAT, SAT Subject (if applicable), and/or ACT Exam and complete your testing by June of your junior year
- Attend college admission representative visits in the College Center
- Continue with community service, work or extracurricular activities
- Research and/or visit college campuses during your vacations
- Continue to log on to Naviance to explore careers, majors and colleges
- Contact teachers for letters of recommendation
- Attend summer college planning workshop

Senior Year

- Attend your meeting with your counselor at the beginning of the school year to complete a graduation check and finalize plans for after high school
- Check the College and Career Center for upcoming events and important deadline information
- Finalize college application list
- If applying to a private school or scholarship, fill out the request for letter of recommendation form available on Naviance
- Contact teachers and your counselor for letters of recommendation
- Attend college admission representative visits in the College Center
- Know the various applications deadlines and submit applications on time
- Attend Financial Aid Workshop for parents and students
- Research and apply for scholarships

Planning Resources

4-YEAR EDUCATIONAL PLAN WORKSHEET

Future Educational Goal

(2-year community college, 4-year college, specialized training, military, etc.):

Career Goal:

Directions:

1. Review graduation requirements.
2. Become familiar with college requirements.
3. Include courses below required for graduation and future plans on your four-year education plan.

**Note: All students in support will be enrolled in seven classes. Students in AVID, and performing arts may enroll in seven classes when space and budget allows.

<u>9th Grade</u>		<u>10th Grade</u>	
1.	English I or AS English I	1.	English II or AS English II
2.	Life Skills/World Studies 1,2	2.	Modern European History or AP European History
3.	P.E. 1	3.	P.E. 2
4.	AIS or Biology	4.	Lab Science
5.	Math	5.	Math
6.		6.	
(7.)	**	(7.)	**
Summer		Summer	
<u>11th Grade</u>		<u>12th Grade</u>	
1.	English III or AS English III	1.	English IV or AP English Comp. or AP English Lit
2.	US History or AP US History	2.	Govt/Econ or AP Govt/Econ
3.		3.	
4.		4.	
5.		5.	
6.		6.	
Summer			

Planning Resources

WEEKLY CLASS HOMEWORK AVERAGE

The chart below shows the average number of hours per week a student will probably spend completing his/her homework for a given class. Please keep in mind that students complete homework at different rates. Students should consider their reading/ comprehension speed and comfort level with the material when considering these averages.

Class	Approx Hours Per Week	Class	Approx Hours Per Week
SCIENCE		SOCIAL STUDIES	
AIS	less than 1 hour	Life skills/World Studies	1 - 1.5 hours
Biology	2 hours	Modern Euro Hist	1-2 hours
BT Biology	2 hours	US Hist	1-2 hours
Human Biology	1 hour	Gov/Econ	1-2 hours
Biotechnology 1-2, 3-4	1/2 hour	AP Euro	4-5 hours
AP Biology	5 -6 hours	APUSH	4-5 hours
Chemistry	2 hours	AP Gov, AP Econ	4 hours
AP Chemistry	3 - 4 hours	AP Psychology	2-4 hours
Physics	2.5 hours	Int. Relations/AP Comp Pol	1-2 hours
AP Physics	6 hours	WORLD LANGUAGE	
Green Technology	1-2 hours	World Language 1, 2, 3	2-3 hours
MATH		Spanish III Honors	3 hours
Algebra Readiness	1 hour	Spanish IV	2.5 hours
Algebra I	2 hours	AP Spanish	2.5 hours
Geometry Enriched	4 hours	French III Honors	2 hours
Geometry	2 hours	French IV or AP	2.5 hours
Algebra II	3 hours	Chinese III Honors , IV, AP	2.5 hours
Algebra II/Trig	3 hours	OTHER	
Pre-Calculus	2.5 hours	Computer Sci	1/2 hour
AG/Calc	4 hours	AP Computer Science	2.5 hours
AB Calc	2.5 hours	Instrumental Music	2 hours
BC Calc	3.5 hours	Drama	1-2 hours
Multi Variable	4 hours	Choral I, II	1 hour
Statistics	2 hours	Adv Choral	2 hours
AP Stats	4.5 hours	Int/ Adv Dance	1-2 hours
ENGLISH		AP Art History	2-3 hours
English 1, 2, 3, 4	2-3 hours	AP Art Studio	4-10 hours
AS English 1, 2, 3	4-6 hours	Digital Photo I/II	1/2 hour
AP Language	5-7 hours	Associated Student Body (ASB)	1 hour
AP Literature	5-7 hours	AVID	1 hour
		Journalism	3 hours

Planning Resources

TIME MANAGEMENT WORKSHEET

Fill this out for your busiest semester

School/Homework	Average hours/week
School (5 days x 7 hours)	35
Course Title	
• English:	
• Social Studies:	
• Math:	
• Science:	
• Language:	
• Elective 1:	
• Elective 2:	
Total school hours:	

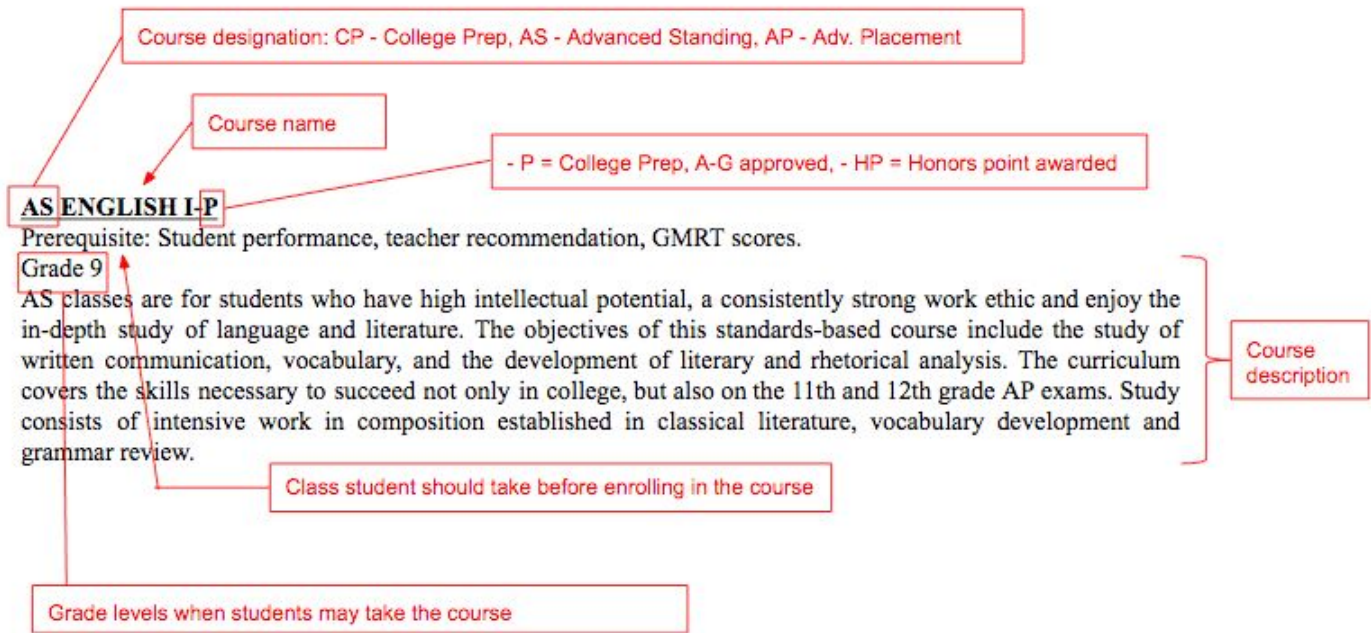
Extracurricular Activities (examples)	Average hours/week
Paid job	
Hobbies/ Interests	
Community Service	
Sports	
Music/ Performances	
Other:	
Total extracurricular hours:	

Daily Living Activities	Average hours/week
Sleep (7 days x 8 hours)	56
Necessities (eating, showering, chores, etc.)	14 (minimum)
Family time/responsibilities	
Free time (friends, TV, phone, internet, video games, etc.)	
Total daily living hours:	

Total Hours	Available hours/week
School/Homework Hours = _____	Maximum Hours
Extra-Curricular Hours = _____	168
Daily Living Hours = _____	
Your total hours <input type="text"/> VS.	

Course Offerings

HOW TO READ COURSE DESCRIPTIONS



NOTE: Course offerings are periodically updated and revised. The descriptions here are accurate at the time of printing, but it is advisable to check with guidance counselors each year for additions and changes.

P-	indicates the course satisfies the University of California A-G requirement
HP -	indicates the course is approved by the University of California as an honors
AS -	Advanced Standing
AP -	Advanced Placement
*	indicates the course meets the fine arts graduation requirement
+	indicates the course meets the Career Technical Education (CTE) graduation requirement

Course Offerings

2017-18 Carlmont Course Offerings Overview

English	Grade	Math	Grade	Science	Grade
-English I Intensive	9	*-Algebra Readiness	9	^Adv. Integrated Science-P	9
English I-P	9	-Algebra I-P	9	Biology-P	9-12
-English I support	9	Algebra I support	9	Biology for Biotech-P	9-12
AS English I-P	9	Geometry-P	9-12	CTE-Biotechnology 1-2-P	10-12
-English II Intensive	10	Geometry Enriched-P	9	CTE-Biotechnology 3-4-P	11-12
English II- P	10	Algebra II-P	10-12	Human Biology-P	10-12
-English II support	10	Algebra II/Trig-P	9-12	AP Biology-HP	11-12
AS English II- P	10	Integrated Math-P	10-12	Chemistry-P	10-12
-Intervention ELA	9-10	Pre-Calculus-P	10-12	Chemistry for BioTech-P	11-12
-Academic Literacy	11	Pre-Calculus Honors-HP	9-12	AP Chemistry-HP	11-12
English III-P	11	Statistics-P	11-12	Physics-P	10-12
AS English III-HP	11	AP Statistics-HP	11-12	AP Physics-HP	11-12
ERWC English IV-P	12	AP Calculus-AB-HP	9-12	^Engineering/ Green Tech-P	11-12
AP English Composition-HP	12	AP Calculus-BC-HP	9-12	^Engineering Robotics-P	9-12
AP English Literature-HP	12	Multivariable Calculus-P	9-12	Biomanufacturing Field Wk-P	12
ELA/ ELD-III	9-12	Personal Finance (elective)	11-12		
CTE-Journalism II,III-P (elective)	11-12				
Physical Education	Grade	Computer Science	Grade	Non Departmental	Grade
PE 1	9	Mobile Apps Design-P	9-12	# AVID I-IV-P	9-12
PE 2	10-12	Computer Applications	9-12	#Assoc. Student Body ASB-P	9-12
PE- Weight Training	10-12	CTE- Computer Science-P	9-12	#Service Council	10-12
PE- Dance	10-12	CTE- AP Comp. Science-HP	10-12	Leadership	9
#PE- Intermediate Dance-P	9-12	CTE- Adv. Topics in CS-HP	10-12	Yearbook II, III	10-12
#PE-Advanced Dance-P	9-12			Study Skills	9-12

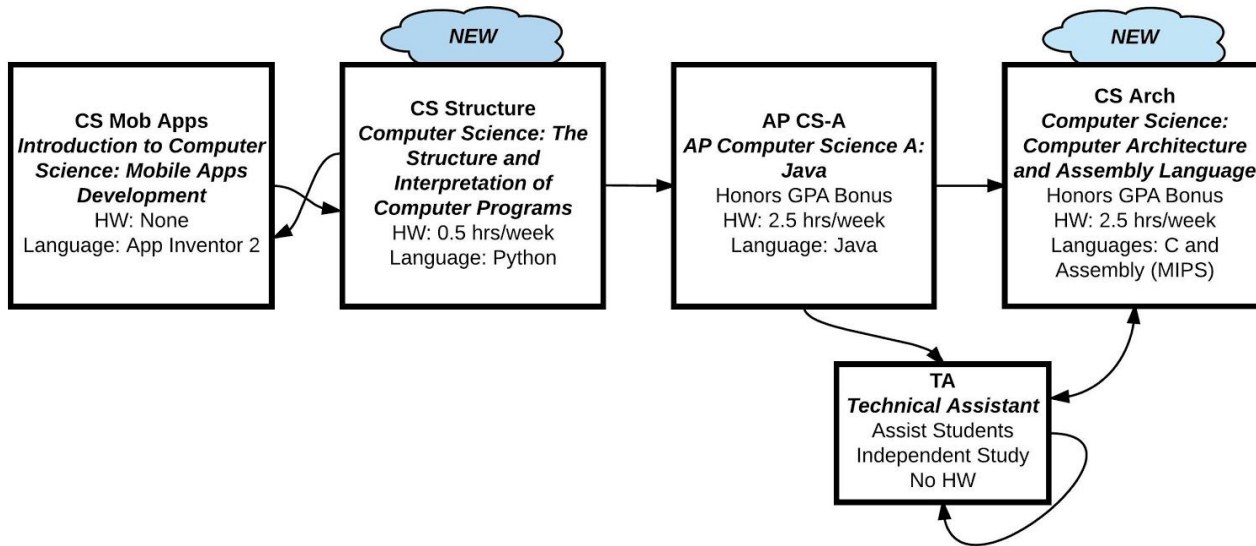
Course Offerings

Social Studies	Grade	World Languages	Grade	Performing Arts	Grade
Life Skills	9	Chinese I-III-P	9-12	Band II-P	9-12
World Studies I-II-P	9	Chinese III Honors-HP	9-12	#Advanced Band-P	9-12
Modern Euro History-P	10	Chinese IV-P	9-12	#Jazz Band-P	9-12
AP European History-HP	10	AP Chinese-HP	9-12	Orchestra-P	9-12
US History-P	11	French I-III-P	9-12	Women's Choir-P	9-12
AP US History-HP	11	French III Honors-HP	9-12	Men's Choir-P	9-12
American Gov/Econ-P	12	French IV-P	9-12	Concert Choir-P	10-12
AP Am. Gov/ AP Econ-HP	12	AP French Language-HP	9-12	#Treble Clef-P	9-12
Psychology-P (elective)	11-12	Spanish I-III-P	9-12	#Chamber Singers-P	9-12
AP Psychology-HP (elective)	11-12	Spanish III-HP	9-12	Drama I-P	9-12
Int. Relations/AP Comp-HP	11-12	Spanish IV-P	9-12	#Drama II-IV-P	10-12
Ethnic Studies-P (elective)	11-12	AP Spanish Language-HP	9-12	#Intermediate Dance-P	9-12
		SNS Spanish I-P	9-12	#Advanced Dance-P	9-12
		SNS Spanish II-P	9-12		
		SNS Spanish III-P	9-12		
Visual Arts	Grade			Key	
Art I-P	9-12			AS = Advanced Standing	
Digital Arts I-II-P	9-12			AP = Advanced Placement	
Draw/Paint II-P	10-12			HP = Honors College Prep	
Illustration/Design I-II-P	10-12			P = College Prep	
Digital Photo I-II-P	9-12			# = Audition/ Application Required	
Ceramics I-II-P	11-12			- = Placement based on test scores	
Art Studio-P	11-12			^ = Does not count for Lab Science	
AP Art Studio-HP	11-12			* = Counts as elective credit	
Film Critique-P	10-12				

Course Offerings

COMPUTER SCIENCE

Possible Pathway:



+COMPUTER APPLICATIONS I

Grades 9-12

Students will learn alphabetic and numeric keyboarding, document formatting, and how to utilize a variety of business correspondence styles such as reports, envelopes, labels, and letters. The following units are covered: Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Access.

+CS MOBILE APPS-P

Introduction to Computer Science: Mobile Apps Development

Grades 9-12

A one-year course in which students use the programming language App Inventor to build apps to use on Android mobile devices. Students build increasingly complicated apps utilizing many of the features that mobile devices offer including, but not limited to: location sensor, orientation sensor, accelerometer, proximity sensor, text to speech and speech to text, camera, sound recorder, texting, clock, video player and so on. Students will also learn how to access the program's Tiny database and Tiny Web database. All work is submitted via the student's personal website, so students become conversant with Google sites as well.

+ CS Structure-P

Computer Science: The Structure and Interpretation of Computer Programs

Prerequisite: Algebra 1

Grades 9-12

A one-year course that exposes students to techniques of abstraction at several levels: (a) within a programming language, using higher-order functions, manifest types, data-directed programming, and message-passing; (b) between programming languages, using functional and rule-based languages as examples. It also relates these techniques to the practical problems of implementation of languages and algorithms on a von Neumann machine. There are several significant programming projects. The primary programming language used is Python.

+AP CS-A-HP

AP Computer Science A: Java

Prerequisites: Algebra 2 and CS Structure or programming experience and permission of the instructor.

Grades 10-12

A one-year college-level course that prepares students for the national “AP Computer Science A” exam (the long-standing exam first offered in 1984). Students will develop computational programming skills in the Java language. Major topics include: (I) Object-Oriented Program Design; (II) Program Implementation; (III) Program Analysis; (IV) Standard Data Structures; (V) Standard Operations and Algorithms; and (VI) Computing in Context.

+CTE-Adv Topics in Computer Science–HP

Computer Science: Computer Architecture and Assembly Language

Prerequisite: AP Computer Science A or a 4 or 5 on the AP CS-A Exam

Grades 10-12

A one-year college-level course examining the internal organization and operation of digital computers. Topics include: Machine architecture, support for high-level languages (logic, arithmetic, instruction sequencing) and operating systems (I/O, interrupts, memory management, process switching); Elements of computer logic design; Trade-offs involved in fundamental architectural design decisions. The primary programming languages used are C and MIPS Assembly.

Course Offerings

ENGLISH

The Sequoia Union High School District English course of study is based on the Common Core Standards. The standards are composed of objectives for each grade level in the areas of language, critical thinking, speaking, writing, listening and reading achieved through the study of significant literature from various cultures. Students must pass four years of English to graduate; all courses are two semesters in duration.

ENGLISH I-P

Grade 9

English I is a standards-based course of study for students who are reading and writing at grade-level as determined by a variety of measures. The objectives of this course include the study of written communication and vocabulary and the development of literary and rhetorical analysis. The English I curriculum focuses on creative and expository writing, the development of public speaking skills, and a foundation in grammar.

ENGLISH I, II SUPPORT

Grade 9, 10

This course is designed for 9th or 10th grade students who are enrolled in English I-P or English II-P and are reading at or above the 6th grade level but not yet at grade level. The course uses Scholastic's English 3D curriculum, a language development program designed to ensure proficiency in the academic vocabulary, speaking, listening, and writing vital to success in school and life.

*Note: Students in this course earn five units of elective credit per semester.

ENGLISH I, II INTENSIVE AND ENGLISH I, II INTENSIVE SUPPORT

Grade 9, 10

This double period of English is designed for 9th or 10th grade students who are reading below the 6th grade level. The course exposes students to some grade-level texts and uses Scholastic's Read 180 curriculum, which focuses on reading comprehension skills, fluency, vocabulary, and writing.

*Note: Students in this course earn five units of English credit toward graduation and five units of elective credit per semester.

INTERVENTION ELA AND INTERVENTION ELA SUPPORT

Grade 9, 10

This double period of Reading Intervention is designed for 9th and 10th grade students who are reading below the 4th grade level and who score Pre-Decoder, Beginning Decoder, or Developing Decoder on the Scholastic Phonics Inventory, administered in the summer before the 9th grade year or at the start of the 9th grade year. The course uses Scholastic's System 44 curriculum, which focuses on phonics, decoding, sight words, and fluency.

*Note: Students in this course earn ten units of elective credit per semester. A student who takes Intervention ELA as a freshman will not earn English I credit; however, if in the future an Intervention ELA student proceeds to pass a complete year of a high school grade level English course, the student's ELA Intervention will count as having met the English I requirement for high school graduation.

AS ENGLISH I-P

Prerequisite: Student performance, teacher recommendation, GMRT scores.

Grade 9

AS classes are for students who have high intellectual potential, a consistently strong work ethic and enjoy the in-depth study of language and literature. The objectives of this standards-based course include the study of written communication, vocabulary, and the development of literary and rhetorical analysis. The curriculum covers the skills necessary to succeed not only in college, but also on the 12th grade AP exams. Study consists of intensive work in composition established in classical literature, vocabulary development and grammar review.

ENGLISH II-P

Grade 10

English II is designed for students who are performing at grade level.

The objectives of this course include the continuation of study in written communication, with an emphasis on logical organization and effective sentence structure, vocabulary building, and the development of literary analysis through the study of short stories, novels,

plays, poetry, and forms of non-fiction. Student skills in expository writing are expanded as the students are preparing to pass the CAHSEE. At this level, students are encouraged to look beyond the plot and examine themes, metaphors, similes and other elements of good writing.

AS ENGLISH II-P

Prerequisite: Student performance, teacher recommendation encouraged, and completion of English I.

Grade 10

AS English II is designed for students who are performing above grade level. AS classes are for students who have high intellectual potential, a consistently strong work ethic and enjoy the in-depth study of language and literature.

The objectives of this course include the continuation of study in written communication, with an emphasis on logical organization and effective sentence structure, vocabulary building, and the development of literary analysis through the study of short stories, novels, plays, poetry, and forms of non-fiction. Student skills in expository writing are expanded as the students are preparing to pass the CAHSEE. At this level, students are expected to look beyond plot to examine the elements of figurative language.

ENGLISH III-P

Grade 11

The objectives of this course include the continuation of study in written communication, organization of sentence, paragraph and composition patterns, vocabulary building and the development of literary analysis through the study of American authors, past and present, short stories, novels, plays, poetry, and forms of non-fiction.

ACADEMIC LITERACY

Grade 11

AS ENGLISH III-HP

Prerequisite: Student performance, teacher recommendation, and completion of English II.

Grade 11

AS English III is designed for students who are performing above grade level. AS classes are for students who have high intellectual potential, a consistently strong work ethic and enjoy the in-depth study of language and literature.

The objectives of this course include the continuation of study in written communication, organization of sentence, paragraph and composition patterns, vocabulary building and the development of literary analysis through the study of American authors, past and present, short stories, novels, plays, poetry, and forms of non-fiction. Students must complete the Advanced Placement summer reading to enroll in AP Literature and Composition in their senior year.

ERWC ENGLISH IV-P

Grade 12

The objectives of this course include the continuation of study in written communication with an emphasis on composition writing, vocabulary building and the development of literary analysis through the study of literature, short stories, novels, plays, poetry, and forms of non-fiction. Students completing this course with a C- or better meet the CSU criteria to enter college-level English.

AP LANGUAGE & COMPOSITION-HP

Prerequisite: Student performance, teacher recommendation, and completion of an English III course.

Grade 12

Advanced Placement Language & Composition is designed for seniors who are performing above grade level. AP classes are for juniors and seniors who have high intellectual potential, a consistently strong work ethic and enjoy the in-depth study of language and literature. This is a college level course.

This English course is based on the National Advanced Placement standards. This course is organized under the guidelines established by the College Board. Students will read widely in many genres of literature, write frequent impromptu essays, as well as a critical term paper utilizing outside sources. All students in this class may take the national Advanced Placement Language and Composition test in May.

AP LITERATURE & COMPOSITION-HP

Prerequisite: Student performance, teacher recommendation, and completion of English III.

Grade 12

Advanced Placement Literature & Composition is designed for seniors who are performing above grade level. AP classes are for juniors and seniors who have high intellectual potential, a consistently strong work ethic and enjoy the in-depth study of language and literature. This is a college level course.

This English course is based on the National Advanced Placement standards. This course is organized under the guidelines established by the College Board. Reading consists of both classics and recent works of recognized literary merit in all genres: novels, dramas, poetry and short stories. Frequent writing assignments include impromptu and timed essays and term papers. All students in this class may take the national Advanced Placement Literature and Composition test in May.

ENGLISH LANGUAGE DEVELOPMENT (ELD) / ENGLISH LANGUAGE ARTS (ELA)

All English Learners are placed in an appropriate English course based on their previous scores on the California English Language Development Test (CELDT) and the results of a locally adopted reading diagnostic test, students are initially placed in English Language Arts (ELA).

In addition, students scoring at the CELDT levels of Beginning, Early Intermediate, and Intermediate levels are placed in an English Language Development (ELD) course appropriate for their level (ELD I, II, or III). They receive 10 credits in English and 10 credits in English electives in these classes. English Learners at Early Advanced and Advanced levels on CELDT are placed in English I for which they receive 10 credits of English.

ELA I/ELD I - This level is for beginning English learners as determined by CELDT. The course follows the state and district ELA and ELD standards for beginning English learners. It prepares the EL student to follow simple oral directions, to understand common everyday vocabulary, to engage in short conversations, to respond to questions using simple sentence structures, to develop basic English literacy by reading a variety of level-appropriate fiction and non-fiction selections. Students learn to write complete sentences and paragraphs following familiar formats with minimal errors.

ELA II/ELD II - This level is for early intermediate English learners as determined by CELDT. The course follows the state and district ELA and ELD standards for early intermediate English learners. The course prepares the EL student to demonstrate basic conversational skills in a variety of settings and to deliver short oral reports. Students continue to read both fictional and expository selections and they analyze literature. They write short essays and stories and an evaluative composition.

ELA III/ELD III-Level III-P - This level is for intermediate English learners as determined by CELDT. The course follows the state and district ELA and ELD standards for intermediate English learners. Students continue to read fiction and non-fiction level-appropriate materials. They engage in more complex classroom discussions and continue to practice conversational skills in a variety of settings. Students write short persuasive essays in which they take a position on an issue and justify it with evidence.

MEDIA ARTS PATHWAY

This pathway fulfills English, Art, and CTE graduation requirements. A graduate from the pathway will possess skills necessary to find a job and succeed in communications, journalism, graphic design, and more.

This pathway is intended for the following students

- Interested in media or art studies
- Students who want to develop strong writing skills
- Students who prefer a higher balance of non-fiction and fewer literature-based assignments
- Does not need to be an AS student - looking for all students

Students should expect several writing and art assignments to be completed each year while in the pathway. Classes will require students to manage their own projects and be able to work in a cooperative team environment. See course pathways below:

	English	Elective 1	Elective 2 (optional)
10 th Required:	Media Arts English 2 OR Media Arts AS English 2	Digital Art 1	
11 th	English 3 AS English 3	Journalism 2 OR Yearbook 1	- Film Critique/Video 1 - Digital Photography 1 - Digital Art 2 - Studio Art/AP Studio Art
12 th	English 4 (ERWC) AP English Language and Composition AP English Literature	Journalism 3 OR Yearbook 2	- Digital Photography 2 - AP Art History - AP Studio Art 2

CTE- JOURNALISM II-P, III-P (elective)

Prerequisites: Journalism II: Completion of English II for Media Arts or teacher recommendation.

Journalism III: Journalism II with teacher recommendation.

Grades 10-12

Journalism focuses on the development of practical skills for students interested in a career in journalism or mass media. Students will learn the ethical and legal responsibilities as well as learning to use technology required to work as a journalist in the 21st century. Journalism I focuses on press law, ethical issues, and writing skills. Journalism II is an advanced writing course that focuses on practical application of those skills in the production of the school newspaper using industry standard technology. Journalism III focuses on mass media production including management, finances, and advanced critical decision-making.

YEARBOOK I, II (elective)

Prerequisite Yearbook I- Recommended completion of Media Arts English II

Yearbook II: Yearbook I **or** teacher recommendation.

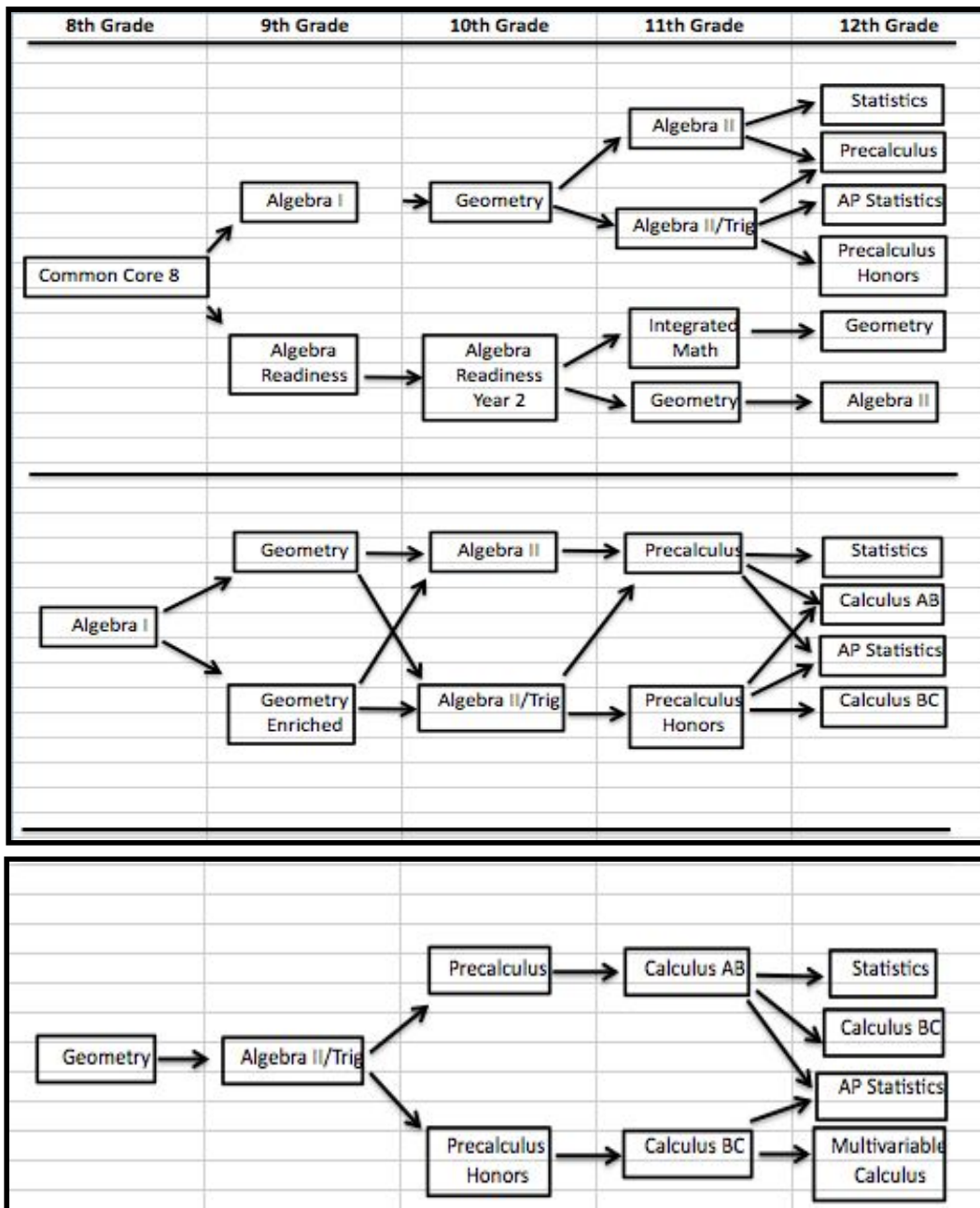
Grades 10 -12

Production of the school annual; practical experience in journalist methods, art, business, magazine format, and style; key positions filled by advanced students.

Course Offerings

MATHEMATICS

Possible pathways:



ALGEBRA READINESS

Grade 9

Algebra Readiness/Algebra Topics is the first year of a two-year sequence designed for students who require academic intervention based on test scores. The course starts with a foundation in the fundamentals of mathematics and progresses to the first part of a grade-level Algebra 1 class second semester. Students receive elective credit for Algebra Readiness/Algebra Topics. The course does not count as math credit for graduation.

ALGEBRA I-P

Grades 9-12

This course covers elementary algebra topics such as order of operations, rational number operations, solving linear equations and inequalities, polynomials, factoring, investigating patterns, functions, graphing of linear and quadratic functions, systems of linear equations, and radical expressions.

ALGEBRA SUPPORT

Grade 9

Algebra Support supplements the regular Algebra 1 class for students who need extra support to be successful. Students receive extra guided practice for the concepts being taught concurrently in Algebra, with a basic skills review. Students receive elective credit for Algebra Support. The course does not count as math credit for graduation.

INTEGRATED MATHEMATICS

Prerequisite: Completion of Algebra I with teacher recommendation.

Grades 10-12

Algebra I concepts are reviewed while new Geometry topics are introduced. This course integrates Algebra I and Geometry topics. New topics include representing data, coordinate geometry, area, surface area and volume.

GEOMETRY-P

Prerequisite: Completion of Algebra I

Grades 9-12

This is a college-prep course that addresses the California State Standards for Geometry. Successfully completing this course ensures students are prepared for math topics that will be taught in subsequent math courses. Topics covered include inductive and deductive reasoning, angles, polygons, congruent triangles, constructions, circles, right triangles, similarity, solids, logic, and introductory trigonometry.

GEOMETRY ENRICHED-P

Prerequisite: B+ or higher in Algebra I or teacher recommendation

Grade 9

Designed for the upper-level student, this is a rigorous class that goes into more depth and breadth than the regular Geometry course. With an emphasis on deductive reasoning, this course studies all topics covered in regular geometry as well as enrichment topics. Students are required to understand and explain the logic behind their problem solving strategies.

ALGEBRA II-P

Prerequisite: Geometry or Geometry Enriched with a grade of C or higher

Grades 10-12

Algebra 2 is a college-prep course required for admission to almost all four-year colleges. Students review and expand upon concepts learned in Algebra I. The topics include linear, quadratic, exponential, and logarithmic functions, systems of equations, sequences, series, polynomials, rational expressions, the complex number system, statistics and probability. Real-world applications of each topic are explored throughout the course.

NOTE: Most four-year colleges require Algebra II (or Algebra II/Trigonometry) for admission.

ALGEBRA II/TRIGONOMETRY-P

Suggested Prerequisite: Completion of Algebra I or Geometry with a B or better and teacher recommendation.

Grades 9-12

Open to 9th-graders who have earned an A in an honors level, full-year algebra course in the 7th grade, an A in an honors level Geometry course in the 8th grade and an MDTP score of 36 or higher. Same content as Algebra II, but includes Trigonometry through Law of Sines and Law of Cosines.

PRE-CALCULUS-P

Suggested Prerequisite: Algebra II/Trig, Algebra II, Geometry, and Algebra I with a grade of "C" or better or department rec.

Grades 10-12

A challenging elective course whose purpose is to prepare students to take AP Calculus AB or AP Statistics. It covers trigonometry, including circular trig, triangle trig, and real world modeling with sinusoidal functions. The emphasis is on integrating graphing into the study of all concepts. The remainder of the course curriculum covers a wide range of topics including function theory,

complex numbers, logarithms, polar coordinates, vectors, analytic geometry, matrix algebra, infinite series, probability, statistics, and a preview of calculus.

PRECALCULUS HONORS-HP

Suggested Prerequisite: Completion of Algebra II-Trigonometry with a B or better

Grades 9-12

Further instruction in functions, probability, statistics, data analysis, trigonometry, matrices, conic sections, polar coordinates, parametric equations, infinite series, and vectors; Analytic Geometry/Calculus Honors also includes the Calculus topics of limits, differentiation and integration.

AP CALCULUS AB-HP

Prerequisite: Completion of Analytic Geometry/Calculus with a grade of C or better or completion of Pre-Calculus with a grade of B or better.

Grades 11, 12

This is a college-level honors course. Topics include differentiation of functions, finding tangents to curves, computing rates of change, solving related rates and problems involving distance, velocity, and acceleration, integration of functions including exponential and logarithmic functions, finding volumes of solids of revolution, computing area under curves, and applying the Fundamental Theorem of Calculus.

AP CALCULUS BC-HP

Prerequisite: Completion of Analytic Geometry/Calculus with a grade of B or better, or completion of Calculus AB with a B or better.

Grades 11, 12

This course includes all of Calculus AB, but goes deeper into integration and differentiation, with analysis of polar and parametric equations, vectors and infinite series. Students who complete the course will be prepared for the BC level of the Advanced Placement Calculus exam. This course earns dual credit through Cañada College.

STATISTICS-P

Prerequisites: C or higher in Algebra II.

Grades 11, 12

The purpose of Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Course work will include exploring data, planning a study, anticipating patterns, and statistical inference. Hands-on activities will be emphasized.

AP STATISTICS-HP

Prerequisites: B or higher in Analytic Geometry/Calculus or Precalculus or concurrent enrollment in Analytic Geometry/Calculus or Precalculus.

Grades 11, 12

The purpose of AP Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Course work will include exploring data, planning a study, anticipating patterns, and making statistical inferences. Students who complete the course will be prepared for the Advanced Placement Statistics exam.

MULTIVARIABLE CALCULUS-HP

Prerequisites: B or higher in AP Calculus BC or A in AP Calculus AB

Grade 12

This course covers all of the topics in UC Berkeley Math 53 and Cañada College Math 253. Topics include: Parametric Equations, Polar Coordinates, Vectors, 3-D Geometry, Vector Functions, Partial Derivatives, Multiple Integrals, and Vector Calculus.

+PERSONAL FINANCE (elective)

Prerequisite: Successful completion of two year math graduation requirement

Grades 11, 12

Personal finance focuses on a student's role as a citizen, student, family member, consumer, and active participant in the business world. The intent of this course is to inform students of their various financial responsibilities and to provide them with opportunities for self awareness, expression, and satisfaction in a highly technical and competitive society. This course will help students investigate many important areas of interest that will enhance their financial security. They will also better understand their own wants, needs, and values, and how these affect personal financial decisions. Understanding the concepts presented in this course will enable them to make wise decisions and will help their financial future and make them a more effective consumer.

Course Offerings

PHYSICAL EDUCATION

PE 1

ALL 9th grade students will take PE 1

This course is designed for introducing and developing student fitness and recreation, including **Individual Sports** (*Swimming, Frisbee Golf, Golf, Track and Field, Jump Rope, Yoga, Pilates, Singles Tennis, recreational games*), **Dual Sports** (*Tennis, Badminton*), **Rhythm and Dance** (*Beginning Dance, Line Dances, Ballroom, Square*), **Aquatics** (*Freestyle, Elementary Backstroke, Backstroke, Breaststroke, Sidestroke, Butterfly*) and Circuit Fitness Training. Students will develop flexibility, muscular strength and endurance, cardio respiratory endurance, and proficiency in appropriate sport skills. They will understand history, rules, and strategies of sports, and many of the aspects for developing a positive self-image and healthy body.

The students must pass 5 out of 6 parts of the California Physical Fitness Test as part of their graduation requirement. Students who do not pass 5 out of 6 parts of the California Physical Fitness Tests will be required to take PE 2 as a sophomore. The students will work on aerobic capacity (mile run and interval training); body composition (Body Mass Index, fitness training in weight room); abdominal strength and endurance (curl-ups, leg lifts, core strength); trunk extensor or strength and flexibility (trunk lifts); upper body strength (push-ups, fitness training); and endurance and flexibility (sit and reach, various stretching techniques, yoga). The California Physical Fitness Test is listed below:

California Physical Fitness Test		
Zone Number	Healthy Fitness Zone	Type of Test
1	Aerobic Capacity	Mile Run
2	Body Composition	Body Mass Index
3	Abdominal Strength and Endurance	Curl-Ups
4	Trunk Extensor Strength and Flexibility	Trunk-Lifts
5	Upper body Strength and Endurance	Push-Ups
6	Flexibility	Sit and Reach

PE 2

Grades 10-12

This course is designed to increase the skill levels in **Team Sports** (*Volleyball, Basketball, Flag Football, Soccer, Indoor Soccer, Floor Hockey, and Softball*) emphasizing the importance of life-long activities and fitness. *Including, Aquatics (Elementary Backstroke, Breaststroke, Sidestroke, Crawl stroke, Diving, Beginning Life Saving), Combatives/Self-Defense (mental focus, self-discipline, self-confidence, positive attitude and effective practical defensive skills based on the combative skills of martial art and related disciplines), Gymnastics/Tumbling (coordination, balance, and rhythm to perform tumbling and gymnastic routines.* Use isometric, isotonic, and isokinetic contractions to develop strength and endurance. Determine individual center of gravity with regard to body alignment to perform tumbling and gymnastic routines),

PE WEIGHT TRAINING

Prerequisite: Physical Education Department recommendation. Students must have passed 5 out of 6 parts of the California Physical Fitness Test in their Freshmen year.

Grades 10-12

This course is designed for those students wishing to further their fitness levels working in a structured program of strength training exercises and aerobic conditioning.

PE- DANCE

Prerequisite: Department recommendation. Students must have passed 5 out of 6 parts of the California Physical Fitness Test in their Freshmen year.

Grades 10-12

Beginner to intermediate level dance class. Students are exposed to a variety of genres and styles of dance, which may include, but are not limited to ballet, modern, jazz, tap, musical theater, hip hop, jazz-based aerobics, and ethnically-based forms. Traditional

and contemporary dance steps and styles, basic coordination, aerobic fitness, strength and flexibility, choreographic concepts, and performance skills are the focus of the class.

***PE-INTERMEDIATE DANCE –P**

Prerequisite: Teacher recommendation. Students must have passed 5 out of 6 parts of the California Physical Fitness Test in their Freshmen year.

Grades 10 -12

This course is designed for those students who have attained a proficient level of Beginning Dance (as demonstrated through an audition). Intermediate Dance involves student participation in various aspects of movement. It will continue to enhance their aesthetic perception and valuing, creative expression, and the study of dance heritage. Various activities and performances throughout the course will accomplish these goals. By further expressing, exploring and creating, students will build upon existing knowledge of this movement art. All students will perform in the spring dance show. This course meets the PE or the fine arts graduation requirement as well as the UC “F” requirement.

***PE-ADVANCED DANCE XL-P**

Prerequisite: Teacher recommendation. Students must have passed 5 out of 6 parts of the California Physical Fitness Test in their Freshmen year.

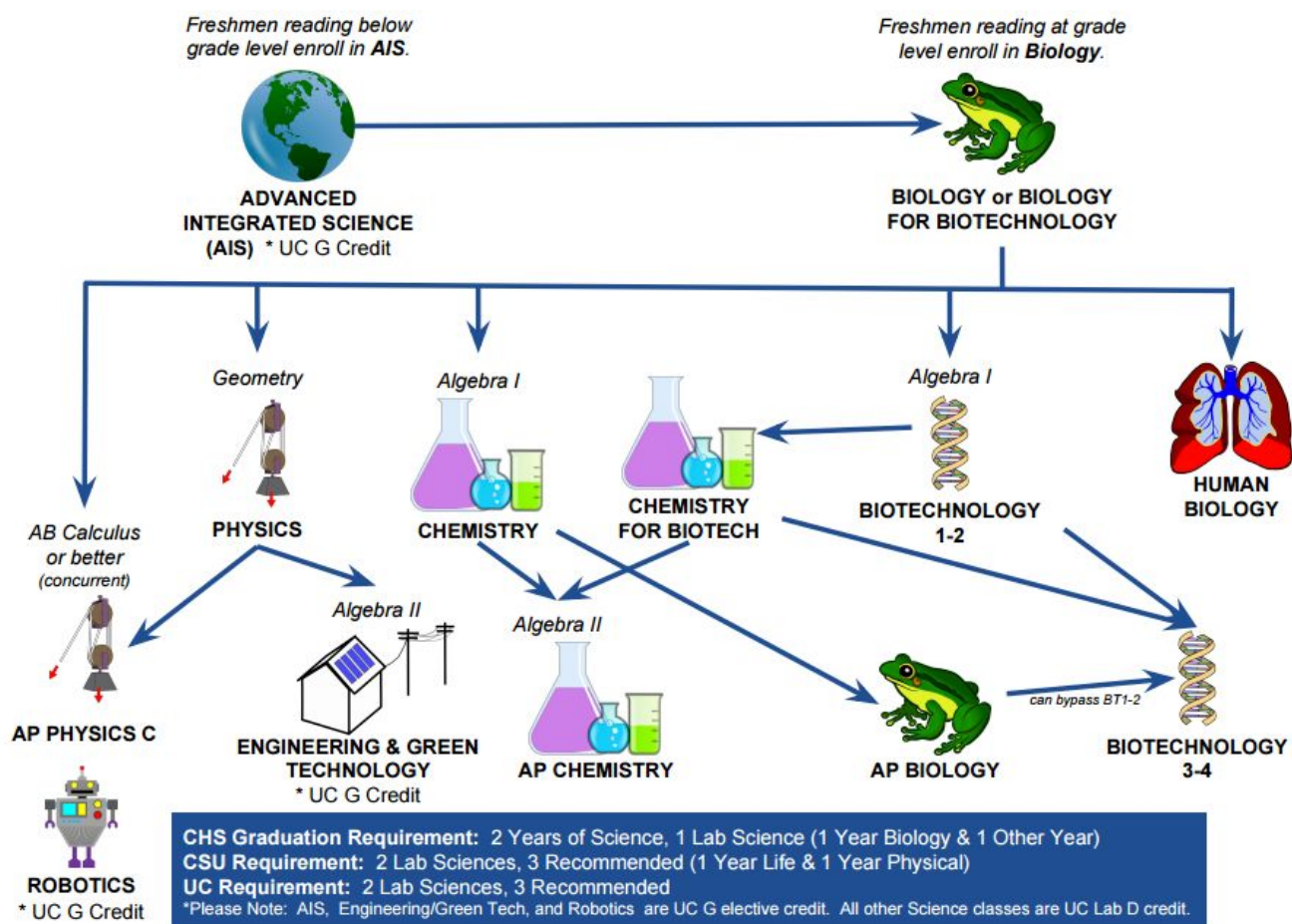
Grades 10-12

This course is designed as a technique, choreography and performance class. This class is meant to provide a more challenging level of technique and choreographic assignments for students who have successfully auditioned. The class consists of students who have moved up from the beginning or intermediate level classes as well as new students to the program. Advanced Dance involves student participation in various aspects of movement. It will continue to enhance their aesthetic perception and valuing, creative expression, and the study of dance heritage. Various activities and performances throughout the course will accomplish these goals. By further expressing, exploring and creating, students will build upon existing knowledge of their movement art. All students will perform in the spring dance show. This course meets the PE or the fine arts graduation requirement as well as the UC “F” requirement

Course Offerings

SCIENCE

Possible pathways:



ADVANCED INTEGRATED SCIENCE-P

Grades 9-10

This is a science and lab foundation course for freshmen, integrating science topics from biology, chemistry, earth & space science, environmental science, and physics. Students focus on science literacy, lab inquiry, study skills, and problem solving through the study of thematic integrated science units. Foundation skills that are necessary for success in later science courses are emphasized.

*This course is UC/CSU approved to meet the “ Elective” (g) requirement.

BIOLOGY-P

Prerequisites: Score at or above 9th grade reading level on the GMRT

Grades 9-12

A one-year laboratory survey course that studies living organisms and their interrelationships. Studies include cell biology, the structure and function of organisms, ecology, changes over time, human body and health, and developmental biology. A special four to six week laboratory intensive unit on molecular biology and biotechnology also emphasizes bio-ethical issues. *This course is UC/CSU approved to meet the “laboratory science” (d) requirement.

BIOLOGY FOR BIOTECHNOLOGY-P

Suggested Prerequisite: Score at or above 9th grade reading level on the GMRT

Grades 9-12

This is a one-year laboratory survey course that studies living organisms and their interrelationships designed for students in the Carlmont Biotechnology Career Pathway. Studies include scientific methods and processes, biochemistry, cell biology, genetics, biotechnology, evolution, human body, health, and ecology. Students will complete independent long-term projects. There is a strong focus on hands-on, industry skills building that will continue in future Biotechnology classes. This course is UC/CSU approved to meet the “laboratory science” (d) requirement.

AP BIOLOGY-HP

Prerequisite: Successful completion of Biology-P, Chemistry-P, and Algebra I with a grade of B- or better, and department recommendation

Grades 11, 12

This course is equivalent to introductory college Biology. Emphasis is on developing students’ ability to express and interrelate biological concepts. The College Board AP labs further develop analytical and critical thinking skills. Extensive inquiry focused laboratory activities, reviews, essays, and multiple choice-type examinations prepare students for the national AP Biology examination, which all students are expected to take. Colleges may offer credit for successful completion of the national exam. This course is UC/CSU approved to meet the “laboratory science” (d) requirement.

HUMAN BIOLOGY-P

Prerequisite: Successful completion of 1 year of Biology-P

Grades 10-12

This course focuses on human anatomy, physiology, behavior, evolution, and culture. Students explore a variety of issues including pathogenic diseases and health and human impact on the environment. This course is recommended for students who are interested in learning more about their own anatomy and physiology, and/or students interested in medicine, dentistry, medical terminology, nursing, or any other medical field. This course is UC/CSU approved to meet the “laboratory science” (d) requirement.

CHEMISTRY - P

Prerequisite: Successful completion of Algebra I and Biology or department recommendation.

Grades 10-12

The course follows a logical, sequential development of fundamental chemistry concepts and skills. Core topics include atomic structure, chemical bonding, chemical reactions, gases, solutions, acids and bases, energy, and kinetics. Students gain extensive laboratory experience, with emphasis on logical analysis and computational skills. This course is UC/CSU approved to meet the “laboratory science” (d) requirement.

AP CHEMISTRY-HP

Prerequisite: Completion of Chemistry with a B or better and completion of Algebra II, and department recommendation

Grades 11, 12

This course is taught as a second year chemistry course due to the amount and degree of difficulty of the material to be covered. Topics that involve qualitative material will be quickly reviewed whereas those involving calculations will be studied in detail (e.g. solutions, thermodynamics, chemical equilibrium, and kinetics). Emphasis is made on problem solving and critical thinking of chemical systems. Laboratory work includes eight guided-inquiry college-level experiments and write-ups in research notebooks. Extensive review and practice examinations prepare students for the national AP Chemistry examination which all students are expected to take. Colleges may offer credit for successful completion of the national exam. This course is UC/CSU approved to meet the “laboratory science” (d) requirement.

PHYSICS – P

Suggested Prerequisite: Successful completion of Biology and successful completion of Geometry with a B- or better (or successful completion of Algebra I and concurrent enrollment in Geometry)

Grades 10 - 12

This course covers the fundamental principles of Physics, including motion, forces, electricity, magnetism, heat, light, and sound waves. Conceptual understanding of the content is gained through hands-on labs and projects. Special emphasis is given to data analysis, problem solving and critical thinking skills. Competence in solving basic algebraic equations involving fractions and square roots is mandatory. This course is UC/CSU approved to meet the “laboratory science” (d) requirement.

AP PHYSICS - C - Mechanics - HP

Prerequisite: Concurrent enrollment in Precalculus and successful completion of one science course.

Grades 11, 12

This course covers classical mechanics in great depth – motion in 1 and 2 dimensions, rotational motion, forces, energy, rotational dynamics, gravitation and planetary orbits and simple harmonic motion. This course is intended for students with a strong interest

in physical science. Concepts are introduced through inquiry-based laboratories, lectures, discussion and readings. Emphasis is on rigorous problem-solving and critical thinking. Competence in trigonometry and algebra, and concurrent enrollment in calculus is mandatory. Colleges may offer credit for successful completion of the national AP exam. This course is UC/CSU approved to meet the “laboratory science” (d) requirement.

ENGINEERING AND GREEN TECHNOLOGY - P

Prerequisite: Physics or permission of the instructor and successful completion of Algebra II.

Grades 11, 12

This year-long course introduces students to the many disciplines of engineering through hands-on projects. Topics and projects may include alternative energy, mechanical machines, electronics and computer programming, structures and bridges. Students may learn computer-aided design and 3D printing and operate machine tools to construct their projects. This course is UC/CSU approved to meet the “elective” (g) requirement.

ENGINEERING ROBOTICS-P

Grades 9-12

CTE- BIOTECHNOLOGY 1 & 2

Suggested Prerequisite: Completion of Algebra I and Biology with a grade of C- or better.

Grades 10-12 (Introductory level)

A one-year laboratory course consisting of two semesters that serves as an introduction to the field of biotechnology. Includes concepts and vocational information. Students will develop laboratory, critical thinking, and communication skills currently used in the biotechnology industry. Through extensive research and workplace experience, students will evaluate career opportunities in the field of biotechnology. As a part of the biotechnology career pathway, students will enroll in Introduction to Biotechnology 1; the next semester they will take Biotechnology 2. Biotechnology 1 & 2 is UC/CSU approved to meet the “laboratory science” (d) requirement for college admissions.

CTE- BIOTECHNOLOGY 3 & 4

Prerequisite: Successful completion of Biotechnology 1-2 or AP Biology with a grade of C or better.

Grades 11-12 (advanced level)

Biotechnology 3 & 4 are the second two semesters of the four- year Carlmont Biotechnology Career Pathway. Biotechnology 3 & 4 are designed to give students an introduction to the scientific concepts and laboratory research techniques currently used in the field of biotechnology. Students develop laboratory skills, critical thinking, and communication skills currently used in the biotechnology industry. Through extensive reading, laboratory work, and workplace experiences, students will explore and evaluate career opportunities in the field of biotechnology. Biotechnology 3 & 4 is UC/CSU approved to meet the “laboratory science” (d) requirement for college admissions.

CHEMISTRY FOR BIOTECHNOLOGY- P

Prerequisite: Successful completion of Biotechnology 1-2.

Grades 11, 12

This is a Chemistry course for students in the Carlmont Biotechnology Career Pathway. The course follows a logical, sequential development of the fundamental chemistry concepts and skills. Students gain extensive laboratory experience, emphasizing logical analysis and computational skills. There is a strong focus on the direct application of chemistry skills to the field of biotechnology. This course is UC/CSU approved to meet the “laboratory science” (d) requirement.

BIOMANUFACTURING FIELDWORK- P

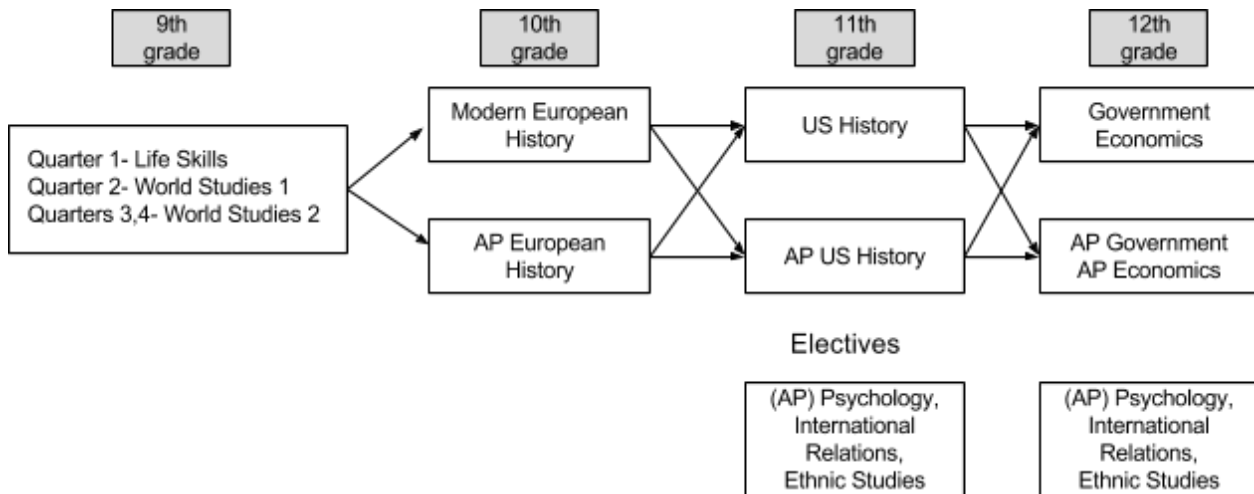
Grade 12

Industry-Driven Biotechnology Pathway

10th Grade	11th Grade	12th Grade
Biotech 1 - 2 (CTE)	Chem for Biotech	Biomanufacturing (Potential CC credit)
Elective (foreign lang)	Biotech 3 - 4 (CTE)	Science Elective
Math Geometry, Alg II, Alg II Trig	Math Alg II, Alg II Trig, or Pre-Calc	Statistics -AP or regular Alg II prereq for Stats Pre-Calc for AP Stats
Modern European History - Biotech History of Science and Technology	US History - Biotech The Innovation that is American	Government and Economics Biotech Contemporary Environmental and Political Issues
English II - Biotech	English III - Biotech	English IV - Biotech
Over the course of three years, English classes will explore bioethics, science fiction, and careers in STEM. Technical writing will also be central to the program.		
PE	Fine Art	Computer Science

Course Offerings

SOCIAL STUDIES



LIFE SKILLS

Grade 9

Life skills is an introductory, quarter-long course that covers mental, emotional, social, personal, and community health, as well as substance abuse. It introduces high school to freshmen, including discussions of high school success skills and goal setting while addressing state- and district-approved Health Education Standards. Using “high school success” as a framework, the course integrates critical academic skills, goal-setting paradigms, and career/college tools. Many of the health concepts such as drug abuse, family communication, suicide, stressors, and disease prevention connect easily to personal applications and decision making skills. Students will regularly revisit their career, academic and personal goals, through the lens of prevention and awareness of key health issues.

WORLD STUDIES 1-P & 2-P

Grade 9

World Studies is a three quarter survey course of the history, culture and contemporary affairs in various world regions. This course meets the California Social Science Framework ninth grade guidelines and includes: developing social science vocabulary, accessing information using maps and almanacs, improving research skills, and completing formal written assignments. The course requires textbook and supplemental reading.

MODERN EUROPEAN HISTORY-P

Grade 10

Modern World History is designed for students who are performing at the tenth grade level.

It meets the California standards for tenth grade social science. A two semester survey course that studies major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of the two world wars. Students trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives.

AP EUROPEAN HISTORY-HP

Prerequisite: Student performance, teacher recommendation, and successful completion of World Studies 1 & 2.

Grade 10

AP European History is designed for students who are performing above the high school level, have a consistently strong work ethic, and enjoy the study of European history.

This one-year course of study is based on the 10th grade California Social Science and National Advanced Placement standards. The course covers the span of European History from roughly 1450 to the present. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop (a) an understanding of some of the principal themes in modern

European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Students that successfully navigate this class will be prepared to take the AP European History national exam in May and may earn college credit for this course.

U.S. HISTORY-P

Grade 11

U.S. History is designed for students who are performing at the eleventh grade level.

A one-year course of study based on the 11th grade California Social Science Standards. The objectives of this course include the study of the development of U.S. political, economic and social institutions from progressivism to present, and preparation for competency as citizens in a democratic society through an understanding of American political traditions.

AP U.S. HISTORY-HP

Prerequisite: Student performance, teacher recommendation, and successful completion of a pre-requisite essay.

Grade 11

AP U.S. History is designed for students who are performing above the high school level, have a consistently strong work ethic, and who enjoy the in-depth study of American history and government.

This one-year course of study is based on the 11th grade California Social Science and National Advanced Placement standards. This course is organized under the guidelines established by the College Board to prepare students for the national AP examination. This course covers the entire span of United States History; is an in-depth study of the development of American political, economic, and social institutions; includes selected interpretive study of ideas, issues, analytical materials, and biographical information. Students in this class will take the AP U.S. History national exam in May and may earn college credit for this course.

ECONOMICS-P

Grade 12

Economics is designed for students who are performing at the 12th grade level. This is a one semester course of study based on the California content standards for economics. It is designed to allow students to master fundamental economic concepts, the basic economic principles of micro- and macroeconomics, international economics, and comparative economic systems.

AP MICROECONOMICS-HP

Prerequisite: Student performance, teacher recommendation, and successful completion of a pre-requisite reading and essay assignment.

Grade 12

AP Micro is designed for students who are performing above the high school level, have a consistently strong work ethic, and who enjoy the in-depth study of economics.

This one-semester course will focus on microeconomics, examining in-depth basic economic theory and specific aspects of our economy as related to consumers, businesses, and our government. Based on the National Advanced Placement Standards for microeconomics, it is designed to prepare students to be successful on the national AP examination. As well, the course will review all of the California content standards for high school economics, including basic macroeconomics.

AMERICAN GOVERNMENT-P

Grade 12

American Government is designed for students who are performing at the 12th grade level.

This one semester course of study is based on the California content standards for American government. It provides an understanding of the institutions of American government, comparing systems of government in the world today and analyzing the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judicial branches.

AP AMERICAN GOVERNMENT-HP

Prerequisites: Successful student performance in US History and teacher recommendation.

Grade 12

AP American Government is designed for students who are performing above the high school level, have a consistently strong work ethic, and who enjoy the in-depth study of American government and politics.

This one-semester course is based on the 12th grade California Social Science and National Advanced Placement standards. This course is organized under the guidelines established by the College Board and provides an analytical perspective on government and politics in the U.S. Students in this class will take the AP American Government national exam in May and may earn college credit for this course.

PSYCHOLOGY-P (Elective)

Grades 11, 12

This elective course is a two-semester survey that explores the field of psychology including: History, Approaches, and Research; Biological Basis of Behavior; Motivation and Emotion; Consciousness; Human Development; Learning, Memory, and Intelligence; Personality Theory; Abnormal Psychology and Therapy; and Social Psychology. Completing both semesters of this course is necessary to meet the UC requirement for the “g” elective.

AP PSYCHOLOGY-P (Elective)

Prerequisite: Desire to take a challenging course and complete college-level work. Completion of summer reading and writing assignment.

Grades 11, 12

This two-semester, college-level survey course prepares students for the AP Psychology Exam. It explores the field of psychology including: History and Approaches; Research Methods; Biological Basis of Behavior; Sensation and Perception; Motivation and Emotion; Stress; Consciousness; Human Development; Learning and Memory; Thinking, Language, Testing & Intelligence; Personality Theory; Abnormal Psychology and Therapy; and Social Psychology. Completing both semesters of this course is necessary to meet the UC requirement for the “g” elective.

INTERNATIONAL RELATIONS-P (Elective)

Grades 11, 12

This one semester elective course provides an introduction into the field of political science and international relations and focuses on the important political, economic, religious and socio-cultural issues facing our contemporary world. Topics include: war and human nature, democracy and peace, power politics, free trade, globalization, international terrorism, and many more. For those students wishing to one day major in the social sciences, or who simply wish to learn more about the modern world, this class serves as an excellent educational starting point. This course meets the “g” requirement for UC’s and CSU’s.

AP COMPARATIVE GOV-HP (Elective)

Grades 11, 12

AP Comparative Politics is a one-semester elective course open to Juniors and Seniors. It will introduce students to the discipline of political science and more specifically the sub-field of comparative politics. Students will be exposed to comparative theories, the politics and governmental organizations of 6 main nation-states, facts, and principles through reading, writing, research, technology, and critical thinking activities. Students will cover all content included on the AP Comparative Politics Exam. The six core countries studied are Britain, Russia, China, Iran, Nigeria and Mexico. This course meets the “g” requirement for UC’s and CSU’s.

ETHNIC STUDIES: RACE, ETHNICITY, AND IMMIGRATION- P (Elective)

Grades 11, 12

This elective course is a two-semester survey that explores the topic of race and ethnicity through sociological, historical, political, and economic lenses. Topics include racial and ethnic identity, struggles and contributions of underrepresented racial and social groups in American history, and evidence based analysis of the current impact of racial identity on housing, employment, education, and the justice system. Students will engage in reading, writing, research, evidence based argumentation, group collaboration, and high level critical thinking. Completing both semesters of this course is necessary to meet the UC requirement for the "g" elective.

Course Offerings

VISUAL & PERFORMING ARTS

ART

Unless noted, all courses are year-long, UC “f” approved.

***ADVANCED DRAWING & PAINTING II-P**

Prerequisite: Drawing & Painting I-P with a grade of B or better or instructor approval

Grades 10-12

Advanced drawing and painting is a course offering the serious art student a way to expand upon his/her creative expression, aesthetic valuing, perceptions, historical and cultural context. Particular attention is given to student recognition and application of the relationships of visual arts towards various ways the arts are used to create expressive communication. Students will compile work to demonstrate their abilities through the use of a portfolio, which can be used for college entrance or employment in visual art field. Topics will be supported by homework in some or all of the following areas: writing, reading, computer work, and portfolio development.

***ART 1-P**

Grades 9-12

This class is designed to introduce the new art student to the world of art. The student will learn artistic concepts and fundamentals within a framework of learning about cultural world art. The art student will create 2 dimensional and 3 dimensional art, and be exposed to a variety of techniques including, but not exclusively, watercolors, clay, papier mache, book-making, collage, jewelry design, ceramics, painting, and drawing, and much more. Students need not have prior art experience.

+FILM CRITIQUE-P

Grades 9-12

This course introduces film history, video critique, video production, and advance computer applications. We will focus on film and video projects. We will cover the elements of pre-production, production, and post-production in order to create many different types of videos and to develop useful, marketable skills for the future. Students will use digital camcorders and learn non-linear editing, titling, and special effects on the computer editing suites.

DIGITAL ARTS 1:

Grades 9-12

An introductory course that offers students experience in many different digital art forms. Students create animation from scratch, complete working websites, learn graphic techniques and working mobile apps. This class welcomes all grade levels and skill abilities. We learn Flash, Dreamweaver, Photoshop and App Inventor. Fulfills the F requirement for UC

DIGITAL ARTS 2:

Grades 10-12

This class is for students who have already taken Digital Arts 1. This class teaches 3D modeling and video game design. Students will create more challenging projects as they increase their abilities. We learn Maya and Unity. This class fulfills the UC G requirement

***CERAMICS I-P**

Prerequisite: Previous art class is highly recommended.

Grades 11, 12

This course is a technical and aesthetic exploration of three-dimensional design through the medium of clay. The course will include two-dimensional basic drawing and layout skills. The student will participate in a wide range of experiences using additive and subtractive sculpture techniques designed to build artistic and creative confidence. The products created in this course may serve as functional items or fine art works. Topics will be supported by homework in some or all of the following areas: writing, reading, computer work, and portfolio development.

***CERAMICS II-P**

Prerequisite: Ceramics I-P with letter grade B or better or consent of instructor.

Grades 11, 12

Advanced Ceramics is a course offering the serious visual art student a way to expand upon his/her creative expression, aesthetic valuing, perceptions, and historical and cultural context. Particular attention is given to student recognition and application of the relationships of the visual arts toward various ways the arts are used to create expressive communication. Students will compile enough work to demonstrate their abilities and techniques through the use of a portfolio, which can be used for college entrance or employment in a visual art field. Topics will be supported by homework in some or all of the following areas: writing, reading, computer work, and portfolio development.

ILLUSTRATION & DESIGN

Prerequisite: Previous art experience is recommended, or entrance via teacher approval.

Grades 10-12

This course is designed to introduce the art student to more advanced drawing and design techniques. The students will create commercial art-based work, such as editorial illustration, basic layout, text design, cartoon illustration, product and logo design, and much more. The media used includes pen and ink, paint, watercolors, airbrushing, silk-screening, and more. This class can help prepare the student for a career in commercial art and students will create portfolios.

ILLUSTRATION & DESIGN II

Prerequisite: Illustration & Design I or entrance via teacher approval.

Grades 10-12

This course is offered to students who have completed Illustration and Design I in high standing (an A or B) and/or have teacher approval. This class is designed for students who want to have a serious career focus in their artistic experience and are willing to do rigorous work in creating a professional portfolio and to learn advanced art techniques within the illustration and design fields. Students must be highly motivated, creative, and independent learners and artists. Students will finish this class "art career-ready."

***DIGITAL PHOTOGRAPHY I-P**

Prerequisite: Previous art class is highly recommended.

Grades 10-12

Photography I is an introductory black and white photography course. This course will provide students with opportunities to develop their knowledge and skills in the field of photography. This course will familiarize the student with photographic equipment, materials, methods, and film/print processing. Students will keep journals allowing them to critique famous photographs and learn about master photographers and photo history. It is suggested that students provide their own SLR cameras, although the program does supply cameras for student use. These areas will be supported by homework in some or all of the following areas: writing, reading, computer work, and portfolio development.

*** DIGITAL PHOTOGRAPHY II-P**

Prerequisite: Photography I-P with letter grade B or better or consent of instructor.

Grades 11, 12

Photography II is an advanced photography course. This course will provide students with opportunities to extend and advance their knowledge and skills in the field of photography, such as working with filters, flash and tripods. This course will familiarize the student with advanced photographic equipment, materials, methods and processes. Students will do research allowing them to critique famous photographs and learn about master photographers and photo history. They will present their research to the class orally and through computer presentations. It is suggested students provide their own SLR cameras, although the program does supply cameras for student use. These areas will be supported by homework in some or all of the following areas: writing, reading, computer work, and portfolio development.

***AP ART STUDIO: Drawing-HP**

Prerequisite: Two years of high school visual arts course work and/or interview with instructor and portfolio review.

Grades 11,12

Advanced Placement Studio Art is a lecture and lab course designed for the visual arts student who is interested in advanced, in-depth study in a wide and diverse range of experiences. Students will demonstrate advanced proficiency in the use and application of the elements of art and principles of design including visual organization in drawing, two-dimensional design or three-dimensional design. Students will continue to research and study the historical and cultural aspects of the visual arts as they research and analyze works of art. Students will conceive works of art that develop their intentions, both in concept and execution, and apply a variety of theoretical

perspectives to their own artworks and the works of others, develop a body of related works, develop a body of original artworks and investigate emerging technologies that will change the definition of the visual arts.

**Students will develop a portfolio of artwork to be presented for Advanced Placement credit.

**Student lab fees may apply for portfolio development.

***AP ART HISTORY-HP:**

Prerequisites: Students must have already completed the VAPA requirement, or be concurrently enrolled in a visual or performing arts class.

Grades 11-12

This is a comprehensive and rigorous class that covers the history of art throughout the world, Students will be required to identify and have knowledge of at least 250 works of art, will be required to write and will be required to do projects related to learning about world art.

DRAMA

***DRAMA I (Introduction to Theatre)-P**

Grades 9 - 12

This course is a beginning exploration into all areas of the dramatic arts. We will begin with a study of improvisation and theater games as well as explore the origins of theater history beginning with Greek and Roman drama. Throughout the year, we continue studying theater history and will cover such periods as Medieval, Elizabethan, Commedia del Arte and Modern Theater. We will learn stage directions and presence as well as a variety of acting techniques such as pantomime, monologue and scene study and character analysis. We will focus on the basics for stage work such as blocking and movement, voice and diction and script analysis. Stage combat, make-up, introduction to stagecraft, Children's Theater and Reader's Theater will also be included in the year long course.

***DRAMA II (Acting & Directing)-P**

Prerequisite: Audition required

Grades 10 - 12

This course is an in depth study into areas of acting, directing, play analysis, playwriting and Shakespearean and 20th century world theater styles. Drama II builds upon the concepts introduced in Drama I, by allowing the students to experience a wider variety of acting methods and techniques. The course begins with a unit on improvisation and theater games and the skills learned will be practiced and reinforced throughout the year. Historical studies of Modern Theater styles include Realism, Naturalism and Post/Modern or Absurd Theater. Four standard dialects will be learned including British, Cockney, American Southern and Irish. Students will have the opportunity to write an original scene and perform it as well as perform scenes from Children's Theater for children's audiences. A One-Act Play Festival that is student produced and directed is put on in the spring by the Advanced students and a Drama Showcase culminates the year.

***DRAMA III-P**

Prerequisite: Audition required

Grades 10-12

Students in Drama III will continue to develop their acting, vocal and playwriting technique, while being given the opportunity for the first time to produce and direct their peers. Students in Drama III-IV select scripts for the annual One Act Festival in the spring, cast the shows, direct or co-direct a one-act as well as perform all the tasks necessary for production including lighting, set and make-up design. The students find all their own costumes and props as well as design sound for their individual shows. In addition to these responsibilities, the Drama III-IV students create and distribute publicity material for the One Act Festival. As directors, they set rehearsal schedules, create the blocking or movement for their actors and provide any assistance with character development. Students who choose not to be directors can choose to perform such duties as Stage Manager, Producer or Stage Crew member. All Advanced Drama students are involved in the Children's Theater performances as well as have the opportunity to perform in the Drama Showcase.

***DRAMA IV-P**

Prerequisite: Audition required

Grades 10-12

Drama IV is the culminating course for students who have had three prior years' experience in Drama class, or its equivalent in classes. The course is an in-depth, hands-on workshop environment focusing on acting, directing, producing and/or technical theatre. Special emphasis is placed on further developing the individual student's approach to performance and production in class and through community outreach performances (local elementary and middle schools, mall venues, etc.) The student's work is then

tailored within the perimeters of the class to help them clearly define and execute their after high school plans in relation to the field of theatre arts and other related fields of study. Emphasis continues to be placed on historical and contemporary performance theories for theatre, film and TV. Students continue to gain experience using performance theories for greater character development, analysis of dramatic literature, dramaturgy and playwriting.

DANCE

***INTERMEDIATE DANCE-P**

Prerequisite: Teacher recommendation

Grades 10 –12

This course is designed for those students who have attained a proficient level of Beginning Dance (or the equivalent). Intermediate Dance involves student participation in various aspects of movement. It will continue to enhance their aesthetic perception and valuing, creative expression, and the study of dance heritage. Various activities and performances throughout the course will accomplish these goals. By further expressing, exploring and creating, students will build upon existing knowledge of this movement art. All students will perform in the spring dance show. This course meets the PE or the fine arts graduation requirement as well as the UC “f” requirement.

***ADVANCED DANCE XL-P**

Prerequisite: Teacher recommendation

Grades 10 –12

This course is designed as a technique, choreography and performance class. This class is meant to provide a more challenging level of technique and choreographic assignments for students who have moved up from Intermediate Dance as well as offering a challenge to new members of the program. Advanced Dance involves student participation in various aspects of movement. It will continue to enhance their aesthetic perception and valuing, creative expression and the study of dance heritage. Various activities and performances throughout the course will accomplish these goals. By further expressing, exploring and creating, students will build upon existing knowledge of their movement art. All students will perform in the spring dance show. This course meets the PE or the fine arts graduation requirement as well as the UC “f” requirement.

For beginning dance, see physical education.

MUSIC

+*Band II (Concert Band)-P

Prerequisite: At least two years instrumental experience or by teacher approval.

Grades 9-12

Emphasis on rehearsal and performance techniques of standard and current band literature and is the first step into the Carlmont band program. Performs for concerts and band festivals. Band II is an intermediate level band. Meets the CTE graduation requirement. May be repeated for credit.

+*ADVANCED BAND (Symphonic Band)-P

Prerequisite: Admission by audition only. Contact Mr. DaBaldo to schedule an audition.

Grades 10-12 and by audition for Grade 9

Intense study of standard and current band literature. Performs for concerts, band festivals, school, and community activities. Spring musical orchestra members are selected from this group. Meets the CTE graduation requirement. May be repeated for credit.

+*JAZZ ENSEMBLE-P

Prerequisite: Admission by audition only. Contact Mr. DaBaldo to schedule an audition.

Grades 9-12 by audition and teacher approval.

Rehearses and performs advanced level standard and current big band jazz literature written for the following instruments: saxophones, trumpets, trombones and rhythm section. Performs for concerts, jazz festivals, and school and community activities. Spring musical orchestra members are selected from this group. May be repeated for credit. Meets the CTE graduation requirement.

+*STRING ORCHESTRA (Intermediate Orchestra)-P

Prerequisite: At least two years instrumental experience or by teacher approval. Contact Mr. DaBaldo

Grades 9-12

Emphasis on rehearsal/performance techniques of standard and current string orchestra literature and is the first step into the Carlmont orchestra program. Performs for concerts and orchestra festivals. This course is an intermediate level string class. May be repeated for credit. Meets the CTE graduation requirement.

+*SYMPHONY ORCHESTRA (Advanced Orchestra)-P

Prerequisite: Admission by audition only. Contact Mr. DaBaldo to schedule an audition.

Study of standard and current full orchestral literature. This is an advanced performing ensemble composed of orchestral strings, winds and percussion. Spring musical orchestra members are selected from this group. This group performs for concerts, orchestra festivals and community activities. Open to advanced players by audition only. May be repeated for credit. Meets the CTE graduation requirement.

CHOIR

***CHORAL I (Women's Choir)-P**

Grades 9-12

Women's Choir requires no prior singing or musical experience to join. We will sing and perform music written for women's voices and explore concepts of basic vocal technique, music theory and sight singing. Students who have sung in Women's Choir are eligible to join Treble Clef and audition for Show Choir and Chamber Singers. Annual Spring Tour. May be repeated for credit. Meets the CTE graduation requirement.

+*CHORAL I (Men's Choir)-P

Grades 9-12

Men's Choir requires no prior singing or musical experience to join. We will sing and perform music written for men's voices and explore concepts of basic vocal technique, music theory and sight singing. Barbershop, doo-wop, and classical music are all part of the curriculum. Students who have sung in Men's Choir are eligible to audition for Show Choir and Chamber Singers. Annual Spring Tour. May be repeated for credit. Meets the CTE graduation requirement.

+*CHORAL II (Concert Choir)-P

Prerequisite: Successful completion of Choral I or by placement assessment. Contact Mrs. Tep gtep@seq.org to schedule a placement assessment.

Grades 9-12

Concert Choir is designed for intermediate singers. This class is open to all choir students who have successfully completed a year in Choral I. We will continue to explore vocal technique, music theory, and sight singing. Annual Tour. Good citizenship is required. May be repeated for credit. Meets the CTE graduation requirement.

+*CHORAL II (Treble Clef)-P

Prerequisite: Placement assessment. Contact Mrs. Tep to schedule an audition gtep@seq.org

Grades 9-12

Treble Clef is designed for advanced singers. We will continue to explore vocal technique, music theory, and sight singing. Music is challenging university level Women's (SSAA/SSA) Repertoire. This class will also participate in spring choral festivals and competitions. Annual Spring Tour. Good citizenship is required. May be repeated for credit. Meets the CTE graduation requirement.

+*ADVANCED CHORAL (Chamber Singers)-P

Prerequisite: Placement assessment, contact Mrs. Tep to schedule an audition gtep@seq.org

Grades 9-12

Chamber Singers is an auditioned group of experienced singers. Music is challenging university level SATB div. repertoire. This is the top choir at Carlmont High School and expectations are high. Expect to be challenged! Competitions and festivals will be a required part of participation in this choir. Annual Tour. Good citizenship required. May be repeated for credit. Meets the CTE graduation requirement.

Course Offerings

WORLD LANGUAGE

NOTE: * = May satisfy CTE

CHINESE I-P OR FRENCH I-P OR SPANISH I-P

Grades 9-12

Practical mastery of skills necessary for understanding, speaking, reading, and writing the language; teaching of basic grammatical structures; appreciation of the culture and heritage of the countries in which the language is spoken.

CHINESE II-P OR FRENCH II-P OR SPANISH II-P

Suggested Prerequisite: Completion of Chinese I or French I or Spanish I with a C or better or department recommendation.

Grades 9-12

Continuation of Chinese I, French I or Spanish I; intensified study in the basic skills: listening, reading, speaking, and writing, (& typing for Chinese) as well as a progression to intermediate grammar structures; emphasis on vocabulary enrichment; introduction to literature; and appreciation of the culture and heritage of the countries in which the language is spoken. The class is conducted mostly in the target language.

***+CHINESE III-P OR FRENCH III-P OR SPANISH III-P**

Suggested Prerequisite: Completion of Chinese II or French II or Spanish II with a C or better or department recommendation.

Grades 10-12

Continuation of Chinese I, French II or Spanish II; refinement of the four basic skills; study of advanced grammar structures, development of composition skills; additional reading in the literature; appreciation of the culture and heritage of the countries in which the language is spoken. The class is conducted principally in the target language.

***+CHINESE III-P OR FRENCH III-HP (HONORS) OR SPANISH III-HP (HONORS)**

Prerequisite: Completion of Chinese II or French II or Spanish II with a B+ or better and teacher recommendation.

Grades 10-12

Continuation of Chinese II, French II, or Spanish II, refinement of the four basic skills, study of advanced grammar structures, development of composition skills, additional reading of literature, appreciation of the culture and heritage of the countries in which the language is spoken. This course also provides preparation for the AP level French or Spanish courses which includes an introduction to test taking skills. The class is conducted principally in Chinese, French, or Spanish. This course is a prerequisite for those students wishing to study in the AP Chinese, AP French, or Spanish program.

+CHINESE IV-P OR FRENCH IV-P OR SPANISH IV-P

Suggested Prerequisite: Completion of Chinese IV, French III, or Spanish III with a C or better or department recommendation.

Grades 10-12

Continuation of Chinese III, French III, or Spanish III; appreciation of the culture and heritage of the countries in which the language is spoken; emphasis on literature and culture with vocabulary building, composition, and oral competency. The class is conducted entirely in the target language..

SPANISH I - NS- P *(for the native speaker)*

Prerequisite: Introductory level- Students speak, read and write Spanish at a Basic level.

Grades 9-12

Description: This course is designed for heritage learners of Spanish and accommodates students who are minimally functional, (can comprehend Spanish but are not able to speak fluently, read or write). It is not necessary that students speak or write at the intermediate level prior to entering the course. This class is conducted exclusively in Spanish. Students are expected to participate in Spanish to the best of their ability.

SPANISH II-NS-P *(for the native speaker)*

Prerequisite: Ability to understand and communicate verbally in Spanish and be able to write simple basic sentences.

Grades 9-12

Department recommendation by Spanish for Native Speakers teacher preferred. Beginning course designed for students who speak Spanish but wish to improve their reading, writing, speaking, and vocabulary skills. This literature-based course includes basic principles of

composition, grammar, spelling, sentence structure, punctuation, accents, and paragraph organization. The literature component includes the study of Latin American and Spanish literature and culture with selections from novels, myths, short stories, plays, and poetry. Class is conducted entirely in Spanish.

+SPANISH III-NS-P *(for the native speaker)*

Suggested Prerequisite: Completion of Spanish for Native Speakers II with a C or better or teacher recommendation.

Grades 9-12

Intermediate course of study in literature and composition; in-depth study of the indigenous civilizations and cultures of Hispanic America and Spanish settlements in southwestern United States; instruction in writing compositions. Career research component. Continued focus and study of Latin American and Spanish literature and culture with more selections of novels, myths, short stories, plays, and poetry. Class is conducted entirely in Spanish.

Course Offerings

NON DEPARTMENTAL

AVID

AVID I, II, III, IV-P

Prerequisite: The AVID staff selects students through an application process.

Grades 9-12

AVID (Advancement via Individual Determination) prepares motivated students in “the academic middle” for a four-year college by encouraging them to enroll in the rigorous curriculum and supporting them in their classes. Curriculum includes study skills, note taking, writing, test preparation (PSAT, SAT, ACT), and organization to ensure that students are ready academically for college. The class awards elective credit and includes tutoring, field trips to colleges, speakers, college application and scholarship help, and motivational activities.

LEADERSHIP

STUDENT LEADERSHIP (ASB)

Prerequisite: Officers are elected by their peers. Commissioners are appointed via an interview process.

Grades 9-12

Leadership – A.S.B. is a course that incorporates all elements of Leadership 1 and 2 and utilizes those skills to plan, organize, and produce all of the student government activities. It is specifically designed for those students who are either elected in as officers or appointed as commissioners. Students in A.S.B. must demonstrate proficiency at the Leadership 1 and 2 levels.

LEADERSHIP I

Grade 9

Leadership 1 is a course designed to actively engage students in a variety of hands-on activities, lessons, and projects that will teach them the basic skills of leadership. Students participating in this course will be able to:

1. Demonstrate responsible personal and social behavior.
2. Demonstrate the ability to use effective interpersonal skills.
3. Demonstrate the ability to use the decision-making skills of appropriate goal setting, risk taking, and problem solving.
4. Understand that challenge, enjoyment, creativity, self-expression and social interaction are important, life-enhancing experiences and are found in this curriculum.
5. Demonstrate an understanding of and respect for differences.

LEADERSHIP II

Grades 9-12

Leadership 2 is a course that will build on the basic knowledge gained in Leadership 1. Students will utilize work-based/workplace learning experiences to demonstrate and expand upon knowledge and skills gained during classroom instruction. Students will also work with peers to promote divergent and creative activities that benefit the student body using effective leadership, group dynamics, team and individual decision making, and conflict resolution. Students must demonstrate proficiency at the Leadership 1 level to be eligible for Leadership 2.

ASSISTANCE / SUPPORT

STUDENT CLERK

NOTE: 2.5 units of credit per semester (half the credits of regular courses).

Grades 10-12

Assistance in school offices or helping individual teachers, performing services such as typing, data entry, record-keeping, and filing.

TECHNICAL ASSISTANT

Grades 10-12

Assistance to teachers as laboratory aides, locating and preparing materials for laboratory setups, acting as peer tutors, translating materials. Assisting in school offices by answering main switchboard, office and copy machine operation and maintenance duties, delivering messages, and miscellaneous office duties.

STUDY SKILLS

Grades 9-12

A support class offered to students through the IEP process. Students will work with a case manager to receive assistance with classes, organizations skills, and IEP goals.

PHOENIX

Grades 10-12

Students enrolled in this course are recovering credits or improving a grade to be a-g eligible. Carlmont uses Cyber High software to facilitate credit recovery in a variety of subjects. Cyber High classes are College Board, A-G approved but not approved through NCAA for collegiate athletes.

Course Offerings

INDEX

A

Academic Literacy	18
Advanced Band	36
Advanced Dance	36
Advanced Integrated Science	26
Algebra I	22
Algebra I support	22
Algebra II	22
Algebra II/ Trigonometry	22
Algebra Readiness	21
AP American Government	31
AP Art Studio	34
AP Biology	27
AP Calculus AB	23
AP Calculus BC	23
AP Chemistry	27
AP Chinese	38
AP Comparative Politics	32
AP Economics	31
AP English Composition	19
AP English Literature	18
AP European History	30
AP French	38
AP Physics	27
AP Psychology	32
AP Spanish	38
AP Statistics	23
AP US History	31
Art I	33
AS English I	17
AS English II	18
AS English III	18
Associated Student Body (ASB)	40
AVID I-IV	40

B

Band II	36
Biology	26
Biology for Biotech	26
Biomanufacturing Field Work	28
Biotechnology 1-2	28
Biotechnology 3-4	28

C

Chambers Singers	37
Chemistry	27
Chemistry for Biotech	28
Chinese I-IV	38
Chinese III Honors	38
Ceramics I-II	33-34
Computer Applications	
Concert Choir	37

D

Digital Arts I-II	33
Digital Photo I-II	34
Drama I-IV	35
Draw/ Paint II	33

E

Economics	31
Engineering Green Technology	28
Engineering Robotics	28
English I	17
English I intensive	17
English I support	17
English II	17
English II intensive	17
English II support	17
English III	18
English Language Arts (ELA)	19
English Language Development (ELD)	19
Ethnic Studies: Race, Ethn. & Immigratn.	32
ERWC English IV	18

F

French I-IV	38
French III Honors	38
Film Critique	33

G

Geometry	22
Geometry Enriched	22

H

Human Biology	27
---------------	----

I

Illustration & Design I-II	34
Integrated Math	22
Intermediate Dance	36
International Relations	32
Intervention ELA	17

J

Jazz Band	36
Journalism II-III	20

L

Life Skills	30
Leadership	40

M

Men's Choir	37
Mobile Apps Design	
Modern European History	30
Multivariable Calculus	23

O

Orchestra	36
-----------	----

P

PE 1	24
PE 2	24
PE Dance	24
PE Weight Training	24
Personal Finance	23
Physics	27
Pre-Calculus	22
Pre-Calculus Honors	23
Psychology	

S

Service Council	40
Spanish I-IV	38
Spanish III Honors	38
Spanish for Native Speakers I-III	38-39
Statistics	23
Study Skills	41

T

Treble clef	37
-------------	----

U

US History	31
------------	----

W

Women's Choir	37
World Studies I-II	30

Y

Yearbook I-II	20
---------------	----

