

**Ambassador Christian School
Course Catalog
2023-2024 School Year**



Ambassador Christian High School

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COURSE OFFERINGS

Students at ACS have an extensive range of course choices to best fit their educational needs and interests. Our school purpose is to qualify our students for personal success and for them to be among the most excellent influencers that shape the moral values of our culture for the glory of God. This catalog is prepared to provide students and parents with information regarding course offerings, graduation requirements, and college admission. Please review and pray with our administration and faculty in order for your student to have the best high school experience possible.

Please note that certain courses contain the letters “H,” “DC,” and/or “AP” in the title. The letter “H” designates honors courses. Honors credit granted by the University of California and the California State Universities is designated by a weighted grade. The Early College Dual Credit “DC” Program is a rigorous community college course of study that meets the needs of highly motivated high school students. The Advanced Placement “AP” Program allows students to participate in college-level studies while they are still in high school.

Courses in this catalog represent all possible offerings at Ambassador High School.

Ambassador Christian School will only accept outside coursework from an accredited high school. All courses taken outside of Ambassador Christian School must be pre-approved by all necessary school officials prior to registering for the course and must be UC/CSU approved through the school where the course is taken or the course will not be placed on the ACS official transcript. Honors and AP courses may not be taken outside of ACS and will not be granted credit. Courses taken to remediate a D or F grade will be added to the transcript; however, the original semester grade will not be removed from the transcript.

Explanation of Terms

- AP** The Advanced Placement course is an opportunity to earn college course credit for those students who demonstrate ability, interest, and motivation to prepare and take an advanced placement exam. Grades earned for AP courses are computed on a scale A = 5, B = 4, C = 3, D = 1, and F = 0. To enroll for an AP course, students must plan to register to take the AP exam and/or complete an alternative project. Parents, students, and teachers will be asked to sign a contract that clarifies class expectations.

- H** The 5-point weighted grade designation is reserved for all honors courses and courses approved by the University of California for the UC ‘a-g’ certified course list (www.ucop.edu/pathways). A weighted grade is computed on a scale A = 5, B = 4, C = 3, D = 1, and F = 0. The University of California will not grant weighted credit for ninth and tenth grade honors courses. Honors courses may require summer work prior

to the class. Parents, students, and teachers will be asked to sign a contract that clarifies class expectations.

DC Dual Credit College Courses are taken in high school from the local community college.

Counseling Program and Services

The administration and counseling office at Ambassador Christian School are committed to implementing a comprehensive program. Each student and parent can expect services as a result of the program design. The three major areas are:

- educational planning
- career guidance in grades 9 through 12 using Naviance
- biblically-centered assistance with personal situations requiring individualized help

Students will be given:

- high school course planning to meet college entrance requirements
- opportunities to meet with college representatives on the high school campus
- Testing information (COURSE PLANNER, PSAT/NMSQT, SAT Reasoning Test and ACT Assessment)
- financial aid/scholarship information
- assistance with applications, scholarship/admission recommendations
- college information appropriate to individual goals
- Community college programs
- military service information

Students and parents can expect the following services:

- Development of a Personal Learning Plan through Naviance
- Pre-enrollment orientation to include the scheduling process and graduation requirements
- Registration, scheduling, program adjustments as needed
- Aptitude and achievement testing, and interest inventory assessment
- Test results interpretation
- Parent conferencing, parent-teacher conference arrangements
- Counseling assistance and referral information for special needs
- Graduation status reports

Eligibility Requirements for Extra-Curricular or Co-Curricular Activities

Ambassador High School Board policy has established minimum standards for students participating in extra-curricular or co-curricular activities. It is the intent of Board Policy to encourage both high academic achievement and participation in extracurricular or co-curricular activities.

In order to be eligible for any extracurricular or co-curricular activity, a student shall maintain minimum progress toward meeting graduation requirements and maintain a 2.0 grade point average during the preceding grading period. These are to be the only academic requirements.

A student who doesn't maintain the 2.0 GPA shall be placed on academic probation for the succeeding grading period. During that grading period, the student shall continue to be eligible, providing he/she maintains satisfactory attendance in designated advisory and eighth period classes.

If a student who has been on probation during a previous grading period fails to maintain a 2.0 GPA for a subsequent grading period, he/she shall be ineligible until the completion of a grading period with a 2.0 GPA.

A student who receives grades of unsatisfactory in one grading period in citizenship from more than one teacher will be declared ineligible for participation in the succeeding grading period. Acceptable citizenship must be maintained by the student during his/her period of participation.

Registration and Policies

Annual Registration: Students are given the opportunity in the spring of each school year to select courses for the following year. It is important that courses be selected in cooperation with the student's parent, teacher recommendation, high school graduation requirements, career objectives, and the student's "Personal Learning Plan" in mind. *Course selection represents a commitment on the part of the student that he or she will satisfactorily complete the schedule of classes chosen.*

Withdrawal/Removal from a Class: When a student withdraws or is removed from a class after the first four weeks of a semester, a "withdraw" F semester grade will be assigned. The grade will be posted on the student's transcript.

Off-Campus Courses: Students who wish to take off-campus courses for high school credit must have **prior written approval** from our principal. Courses that meet school graduation requirements must be taken at Ambassador High. This regulation covers courses taken during the summer and/or during the regular school year.

AP Course Requirement: Every student is required to take at least one AP (Advanced Placement) course while at Ambassador High School. The Principal will conference with each family and review standardized test scores, past academic performance, teacher recommendation, and assessed motivation to place students in classes commensurate with their abilities, interests, and needs.

Credits: Students receive 5 units of credit for each semester of course work completed with a passing grade.

Repeated Credit: Any course repeated beyond the maximum credit allowed will not receive additional credit. However, if a student repeats a course to improve his/her grade, credit will be given for the course with the higher grade.

TRANSCRIPT KEY:

Credit from other schools: Any course taken at another institution accredited by WASC will earn credit on the ACS transcript, but have the other school designated on the transcript.

Graduation Requirements

The Board of Trustees have approved the graduation requirements, and a diploma will be granted to all students who have acquired 230 units of credit from the adopted Course of Study during grades 9-12. Beginning with the 2013-14 school year, students completing the 12th grade will be required to take at least one AP course during their four years as a condition to receiving a diploma. ACS students must complete a minimum of 230 credits (48 semesters) for graduation. Each successfully completed semester course is worth 5 credits. Any student who has not received credit for a subject (“F” or “I”) must make up the proper credit.

Subject	Minimum Required Credits	Details
English	40	Four years College preparatory English based on the National Common Core standards. Eleventh grade students must take AP English Language.
Mathematics	30	Three years Algebra 1, Geometry or Algebra 2, Pre-Calculus, Calculus AB, Calculus BC
Science	30	Three years Including one year of Biology and one year of Chemistry with labs. The third year could be AP Physics, AP Biology, AP Chemistry or AP Environmental Science (or other Science courses).
Social Science	30	Three years World History or AP World History, one year of U.S. History or AP U.S. History, one semester of American Government, and one semester of Economics AP.
World Languages	20	Two years – Three years recommended A minimum of two years of the same language other than English. Courses taken in seventh and eighth grade could fulfill one year of this requirement and could be Spanish or Chinese. Dual credit College Spanish 100 is equivalent to Spanish 1 in high school, Spanish 200 is equivalent to Spanish 2 in high school, and Spanish 201 is the third year of high school Spanish.
Biblical Studies	40	Four years Includes Christianity in Our Culture/Old Testament Literature and New Testament History/Literature. CCU Old and New Testaments also count as Bible credit. Students can select two years of other coursework.

Visual and Performing Arts	10	One year Could include Art 1 and 2, Vocal Ensemble, Drama, Graphic Design, Yearbook or Music.
Physical Education	20	Two years Two years could include alternative course credit for club sports, fitness, athletics, or marching band
Elective	10	One year required. One course which is an UC “a-g” approved course.
Total	230 credits	

ACS does NOT grant graduation credit or waivers for any AP scores. *The four semesters of a World Language must be in the same language. For example, a student must take Spanish I and Spanish II. The Fine Arts requirement must be fulfilled by a single, year-long course. Elective courses include advanced study in academic disciplines such as math, world language and science. Electives are selected in consultation with the Academic Counseling Department and depend on the academic program pursued.

Colleges recognize a C or higher as a passing grade. UC DOES NOT recognize grade improvement on a C or higher grade. A grade of D will earn credits toward high school graduation but WILL NOT meet the requirements for college admission. The UC’s and CSU’s “weight” only specific underlined courses on Ambassador’s school’s UC Accredited Course List. Visit <https://doorways.ucop.edu/list/site> where “weighted” classes are starred. For more detailed information on admission to UC: www.universityofcalifornia.edu/admissions. For more detailed information on admission to CSU: www.csumentor.edu/planning/high_school

For further information, please visit the following online resources:

- A-G Course Lists (search by high school) – <https://doorways.ucop.edu/list/>
- California Colleges – <http://www.californiacolleges.edu/>
- University of California A-G Guide – <http://www.ucop.edu/a-gGuide/>

UC Freshman Admissions Requirements

Subject Requirement (A-G)

To meet minimum admission requirements, you must complete 15 yearlong high school courses with a letter grade of C or better — at least 11 of them prior to your last year of high school.

A) History – 2 years

Two years of history, including

- one year of world history, cultures or historical geography (may be a single yearlong course or two one-semester courses), and
- one year of U.S. history or one-half year of U.S. history and one-half year of civics or American government

B) English – 4 years

Four years of college-preparatory English that include frequent writing, from brainstorming to final paper, as well as reading of classic and modern literature. No more than one year of ESL-type courses can be used to meet this requirement.

C) Mathematics – 3 years (4 recommended)

Three years of college-preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry. A geometry course or an integrated math course with a sufficient amount of geometry content must be completed. Approved integrated math courses may be used to fulfill part or all of this requirement, as may math courses taken in the seventh and eighth grades if the high school accepts them as equivalent to its own courses; also acceptable are courses that address the previously mentioned content areas and include or integrate probability, statistics or trigonometry. Courses intended for 11th and/or 12th grade levels may satisfy the required third-year or recommended fourth-year of the subject requirement if approved as an advanced math course.

D) Science – 2 years (3 recommended)

Two years of college-preparatory science, including or integrating topics that provide fundamental knowledge in two of these three subjects: biology, chemistry, or physics. One year of approved interdisciplinary or earth and space sciences coursework can meet one year of the requirement. Computer Science, Engineering, Applied Science courses can be used in area D as an additional science (i.e., third year and beyond).

E) Language other than English – 2 years (3 recommended)

Two years, or equivalent to the 2nd level of high school instruction, of the same language other than English are required. (Three years/3rd level of high school instruction recommended). Courses should emphasize speaking and understanding, and include instruction in grammar, vocabulary, reading, composition and culture. American Sign Language and classical languages, such as Latin and Greek, are acceptable, as are Native American languages. Courses taken in the seventh and eighth grades may be used to fulfill part or all of this requirement if the high school accepts them as equivalent to its own courses.

F) Visual and performing arts – 1 year

One yearlong course of visual and performing arts chosen from the following disciplines: dance, music, theater, visual arts, or interdisciplinary arts — or two one-semester courses from the same discipline is also acceptable.

G) College preparatory electives – 1 year

One year (two semesters) chosen from courses specific to the elective (G) subject area or courses beyond those used to satisfy the requirements of the A-F subjects.

(from

<https://admission.universityofcalifornia.edu/admission-requirements/freshman-requirements/subject-requirement-a-g.html>)

Note: Students who meet the requirements for UC admissions will also meet requirements for CSU admissions.

Ambassador Christian School A-G Planning Chart

	Years	9th		10th		11th		12th	
		1st Sem	2nd Sem	1st Sem	2nd Sem	1st Sem	2nd Sem	1st Sem	2nd Sem
A) History and Social Science	2 Required			AP World History	AP World History	AP US History	AP US History	Econ * (AP)	government (Ap)
B) English	4 Required	English 9 (H)	English 9 (H)	English 10 (H) Or Seminar	English 10 (H) Or Seminar	AP Lang	AP Lang	AP Lit Or English 12/4	AP Lit Or English 12/4
C) Math	3 Required 4 recommend	Algebra 1 or Geometry	Algebra 1 or Geometry	Geometry or Algebra 2	Geometry or Algebra 2	Algebra 2 Or Pre Cal	Algebra 2 Or Pre Calculus	Pre Calculus Or Calculus	Pre Cal Or Calculus
D) Laboratory Science	2 Required 3 recommend	Biology (H)	Biology (H)	Chemistry (H)	Chemistry (H)	Physics (H/ AP) or AP Biology (H/ AP)	Physics (H/ AP) or AP Biology (H/ AP)		
E) Language Other Than English	2 Required 3 recom		Biola Spanish 1	Biola Spanish 2					
F) Visual and Performing Arts	(1-year or 2-semester courses from the same discipline	Any time Same year	Any time Same year	Any time Same year	Any time Same year	Any time Same year	Any time Same year	Any time Same year	Any time Same year
G) College Preparatory Elective	1 Required								
Total Required Courses	15								

Standard Diploma	9th	10th	11th	12th
English	English 9	English 10	AP English Language & Composition	English 12
Mathematics	Algebra 1	Geometry	Alg. 2	
Science	Biology	Chemistry		
Social Science		AP World History	AP US History	Econ- Gov
World Languages	Foreign Lang 1	Foreign Lang 2		
Biblical Studies	Bible Class	Bible Class	Bible Class	Bible Class
Visual and Performing Arts	10 Credits Required			
Physical Education	20 Credits Required	20 Credits Required		
Elective	Additional credits if needed	Additional credits if needed	Additional credits if needed	Additional credits if needed

College Prep Diploma	9th	10th	11th	12th
English	English 9/ (H) English 9	English 10 /(H) English 10 AP Seminar	AP English Language & Comp /Dual Credit Options	American Lit/ Dual Credit Options
Mathematics	Algebra 1 / Geometry	Geometry / Algebra 2	Algebra 2 / Pre-Calc	AP Calculus AB
Science	Biology /(H) Biology	Chemistry / (H) Chemistry	Physics/AP Bio/Engineering	Physics/AP Bio/Engineering
Social Science		AP World History	AP US History	AP Microeconomics/AP Gov
World Languages	Foreign Lang 1	Foreign Lang 2	Foreign Lang 3	
Biblical Studies	Bible Class	Bible Class	Bible Class	Bible Class
Visual and Performing Arts	10 Credits Required			
Physical Education	20 Credits Required	20 Credits Required		
Elective	Additional credits if needed	Additional credits if needed	Additional credits if needed AP Research	Additional credits if needed

AA Degree	9th	10th	11th	12th
English	(H) English 9	English 10 /(H) English 10	AP English Language & Composition Dual Credit Options	American Lit/ Dual Credit Options
Mathematics	Geometry	Algebra 2	Pre-Calc Dual/AP Calculus AB	AP Calculus BC
Science	Biology /(H) Biology	Chemistry / (H) Chemistry	AP Biology/AP Physics	AP Biology/AP Physics
Social Science		AP World History	AP US History	AP Microeconomics/AP Gov
World Languages	Foreign Lang 1	Foreign Lang 2	Foreign Lang 3	
Biblical Studies	Bible Class	Bible Class	Old Testament/New Testament	Systematic Theology
Visual and Performing Arts	10 Credits Required			
Physical Education	20 Credits Required	20 Credits Required		
Elective	AP Computer Science	General Psychology	CCU Philosophical Inquiry	AP Research

Middle School Academics

ACADEMICS

At Ambassador Christian School, we believe in cultivating confident, successful, contributing, spiritual, members of society. During the ten-month school year, students are challenged with academic standards using a well-balanced curriculum that includes religion, language arts, mathematics, science, social studies, physical education, art, music, and computer use.

Ambassador Christian school curriculum is aligned with the Common Core Content Standards.

Enrichment opportunities such as tutoring, after-school sports, arts, and enrichment are available to students. By example, support, and action, the Ambassador staff encourages students to appreciate the value of education and life-long learning. Students attend core academic courses daily as well as a Physical Education and Elective course.

Ambassador Christian School offers a variety of exciting courses and programs to meet the needs of all our students, focusing on science, technology, engineering, arts, and math (STEAM). This program planning book is designed to help students, parents, and staff guide students into courses that will both challenge and inspire students toward successful careers and life pursuits.

All students will be enrolled in the following courses:

1. English Language Arts
2. Math
3. Science
4. Social Studies
5. Physical Education
6. Enrichment/Elective Class* (elective requests are not guaranteed and subject to change based on staffing/section availability)

Colorado Christian University and Ambassador

Colorado Christian University, a Christian university partners with AHS and will issue the credit for their courses. The Dual Credit class is recorded on both the AHS transcript and the college/university transcript, with a letter grade assigned. Therefore, a student can receive college credit while attending high school. Biola University also offers Spanish courses at Ambassador and provides Dual Credit.

The Early College courses offered at Ambassador High School will transfer to California State Universities (CSU), University of California campuses (UC), and most private universities. Parents are welcome to visit www.assist.org to check transfer credit for specific universities not listed above. In addition, ACS can provide additional information on the transfer policies of particular schools where AHS alumni attend.

Policies can change year to year, so students are encouraged to consult with the institution of their choice regarding the transferability of credits earned.

Please remember that campuses and majors may have additional requirements that students must fulfill, especially if you are applying as a transfer student; it is important to research your major on the campus website.

<https://admission.universityofcalifornia.edu/admission-requirements/freshman-requirements/>
<https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/preparing-to-transfer/>

AA Degree - Core Classes

Course Title	ACS Equivalent Course Name	Grade Level	Credit	Fulfills Requirement			Year or Sem.
				UC	CSU	DC	
ENG 201 - Introduction to Literature	AP English Literature & Composition	12	3	UC	CSU	DC	Year
				Yes	Yes	Yes	
PHL 202A - Introduction to Philosophy	CCU Philosophical Inquiry	10-12	3	Yes	Yes	Yes	Sem
PHL 205A - World Views	CCU Worldviews	10-12	3	Yes	Yes	Yes	Sem
ENG 102 - English Composition	AP English Language & Composition	11	3	Yes	Yes	Yes	Year
MAT 115 - Pre-Calculus	Pre-Calculus	10-12	3	Yes	Yes	Yes	Sem
MAT 141 - Calculus I	AP Calculus AB	11-12	4	Yes	Yes	Yes	Year

MAT 241 - Calculus II	AP Calculus BC	11-12	4	Yes	Yes	Yes	Year
BIO 101/111 Biological Life w/ Lab	AP Biology	11-12	4	Yes	Yes	Yes	Year
PHY 210/212 General Physics I w/ Lab	AP Physics 1	11-12	5	Yes	Yes	Yes	Year
PHY 310/312 General Physics II w/ Lab	AP Physics 2	11-12	5	Yes	Yes	Yes	Year
HIS 185 - Western Civilization	AP World History	10	3	Yes	Yes	Yes	Year
HIS 205 - Early American History	AP US History - 1st Semester	11	3	Yes	Yes	Yes	Sem
HIS 206 - Making of Modern America	AP US History - 2nd Semester	11	3	Yes	Yes	Yes	Sem

General Education Core (36 credit hours)

Arts and Humanities (9 credit hours)

Take 3 classes from the following list of CCU courses or satisfy the requirement with equivalent college-level transfer credit in the Arts and Humanities field. Courses must come from at least two unique discipline prefixes.

CCU Course Name	ACS Equivalent Course Name	Program*	Credits	GE Credits Earned				
APL 100A - Introduction to Apologetics		ODE	3					
ENG 201 - Introduction to Literature	AP English Literature & Composition	DC	3					
HUM 229A - C.S. Lewis in Film & Literature		ODE	3					
PHL 202 - Introduction to Philosophy	CCU Philosophical Inquiry	DC	3					
PHL 205A - World Views	CCU Worldviews	DC	3					

Art 112A - Art Appreciation		ODE	3						
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Biblical Studies (6 credit hours)
 Take 2 classes from the following list of CCU courses.

CCU Course Name	ACS Equivalent Course Name	Program*	Credits	GE Credits Earned					
BIB 102A - New Testament Introduction		ODE	3						
BIB 101A - Old Testament		ODE	3						
THE 200A - Introduction to Systematic Theology		ODE	3						

Communications (6 credit hours)
 Take 2 classes from the following list of CCU courses or satisfy the requirement with equivalent college-level transfer credit in the Communication field. One course must be an English composition class.

Written Communication (3 credit hours)

CCU Course Name	ACS Equivalent Course Name	Program*	Credits	GE Credits Earned					
ENG 102 - English Composition	AP English Language & Composition	DC	3						

Oral Communication (3 credit hours)

CCU Course Name	ACS Equivalent Course Name	Program*	Credits	GE Credits Earned					
COM 110A - Oral Communication		ODE	3						

Mathematics (3 credit hours)
 Take 1 class from the following list of CCU courses or satisfy the requirement with equivalent college-level transfer credit in the mathematics field.

CCU Course Name	ACS Equivalent Course Name	Program*	Credits	GE Credits Earned					
MAT 115 - Pre-Calculus	Pre-Calculus	DC	3						

MAT 141 - Calculus I	AP Calculus AB	DC	4						
MAT 241 - Calculus II	AP Calculus BC	DC	4						

Science (3 credit hours)

Take a minimum of 3 credit hours from the following list of CCU courses or satisfy the requirement with equivalent college-level transfer credit in the Science field. Credit hours earned from a lab course must be accompanied by the corresponding science lecture course.

CCU Course Name	ACS Equivalent Course Name	Program*	Credits	GE Credits Earned					
BIO 101 - Biological Life AND	AP Biology	DC	3						
BIO 111 - Biological Life Lab		DC	1						
BIO 203A - Foundations in Human Anatomy and Physiology I AND		ODE	3						
BIO 213A - Foundations in Human Anatomy and Physiology I Lab		ODE	1						
BIO 204A - Foundations in Human Anatomy and Physiology II AND		ODE	3						
BIO 214A - Foundations in Human Anatomy and Physiology II Lab		ODE	1						
PHY 210 - General Physics I AND	AP Physics 1	DC	4						
PHY 212 - General Physics I Lab		DC	1						
PHY 310 - General Physics II AND	AP Physics 2	DC	4						

PHY 312 - General Physics II Lab		DC	1						
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Social Science (9 credit hours)
 Take 3 classes from the following list of CCU courses or satisfy the requirement with equivalent college-level transfer credit in the Social Science field. Courses must come from at least two unique discipline prefixes. At least one course. In addition, it must be history (HIS).

CCU Course Name	ACS Equivalent Course Name	Program*	Credits	GE Credits Earned					
HIS 185 - Western Civilization	AP World History	DC	3						
HIS 205 - Early American History	AP US History - 1st Semester	DC	3						
HIS 206 - Making of Modern America	AP US History - 2nd Semester	DC	3						
HIS 211A - History of Christianity		ODE	3						
PSY 102A - General Psychology		ODE	3						
PSY 221A - Interpersonal Relationships		ODE	3						
								Total GE Core Credits Earned:	

Elective Requirements (24 credit hours)
 Take 24 semester hours of CCU or college-level transfer credit, not used to satisfy general education requirements. This includes the Biola Spanish courses, APs, and other Community College coursework.

Course Code & Course Name	School		Credits						
BUS 105A: Business Fundamentals	CCU		3						

English Department

Course Title	Grade Level	Fulfills Requirement			Year or Sem.
		UC	CSU	DC	
English 6	6	No	No	No	Year
English 7	7	No	No	No	Year
English 8	8	No	No	No	Year
English I	9	Yes	Yes	No	Year
Honors English 1*	9	Yes	Yes	No	Year
English 2	10	Yes	Yes	No	Year
AP Seminar	10	Yes	Yes	No	Year
Advanced Placement Language and Composition	11	Yes	Yes	Yes	Year
Advanced Placement Literature and Composition	12	Yes	Yes	Yes	Year
English 12	12	Yes	Yes	No	Year
The Lord of the Rings: An Exploration of the Films and Their Literary Influences	9-12	Yes	Yes	No	Year
Creative Writing	9-12	Yes	Yes	No	Year

When selecting a course, all grade prerequisites must be met. All students must maintain the minimum grade both semesters. Since registration occurs prior to end of spring semester, the current grades at the time of registration will be used as a preliminary indicator of the 2nd semester grade. Students not achieving the minimum grade at the time of registration, but who bring their grade up at the semester must notify the Academic Counseling office in June to change their course request.

Students whose grades finish below the minimum requirement at the end of the second semester but had the minimum grade at registration will be placed in course for which they do qualify. *

Any student that earns below a C- in the fall semester of an Honors or AP class will not be allowed to advance to the spring semester in that class and will be placed in the non AP/Honors equivalent course.

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
40 credits (8 semesters) Any course taken beyond what is required will count towards the "Electives" graduation requirement	English 1 or Honors	9
	English 2 or AP Seminar	10
	AP Language and Composition	11
	AP Literature and Composition or English 4	12

English 6

The 6th grade Common Core-based Language Arts curriculum will include instruction in reading, writing, speaking, and listening. In reading, students will focus on close-reading to improve comprehension, analyze the author's message, and critically respond to literary and informational texts. In writing, students will actively engage in three modes of writing: argument, informative/explanatory, and narrative. In speaking and listening, students will focus on comprehension through collaborative discussions and presentation of knowledge and ideas. Vocabulary, grammar, and the mechanics of language are developed throughout the curriculum.

English 7

The 7th grade Common Core-based Language Arts curriculum will include instruction in four main areas: reading, writing, language, and listening and speaking. Students will read literature and informational texts. In writing, students will focus on composing narrative, explanatory, argumentative, and research pieces. Language instruction included further development of conventions: knowledge and use, and vocabulary acquisition and use. In speaking and listening, students will focus on comprehension, collaboration and presentation of ideas.

English 8

English/Language Arts 8: The 8th grade Common Core-based Language Arts program will emphasize reading, listening, speaking, and writing. Students will read a variety of genres,

including essays, poetry, drama, novels, short stories, and articles. An integral component of the language arts program is the development of critical thinking skills. Students will actively and vigorously engage in the writing process through multiple types of both academic and creative writing.

English 1

This course covers all four areas of language arts: reading, writing, speaking, and listening, with a special emphasis on writing (argument, expository, and narrative). Students will be challenged to master the Common Core standards by exploring both fiction and nonfiction selections that give ample opportunity for students to analyze, critique, and express themselves in a variety of ways, including informal debate, expert presentations, and formal essays.

Honors English 1

This course covers all four areas of language arts: reading, writing, speaking, and listening, with a special emphasis on writing (argument, expository, and narrative). Students will be challenged to master the Common Core standards by exploring both fiction and nonfiction selections. Vocabulary and grammar will also be key as we work toward a proper understanding of usage and function, moving beyond mere identification. As this is an honors course, students can expect readings to be challenging and commensurate with their skill set.

English 2

This course covers all four areas of language arts: reading, writing, speaking, and listening, with a special emphasis on writing (argument, expository, and narrative). Students will be challenged to master the Common Core standards by exploring both fiction and nonfiction selections that give ample opportunity for students to analyze, critique, and express themselves in a variety of ways, including informal debate, expert presentations, and formal essays.

English Honors 2

This course covers all four areas of language arts: reading, writing, speaking, and listening, with a special emphasis on writing (argument, expository, and narrative). Students will be challenged to master the Common Core standards by exploring both fiction and nonfiction selections. Vocabulary and grammar will also be key as we work toward a proper understanding of usage and function, moving beyond mere identification. As this is an honors course, students can expect readings to be challenging and commensurate with their skill set.

AP Seminar

In this course, students will learn to consider an issue from multiple perspectives, identify credible sources, evaluate the strengths and weaknesses of arguments, and make logical, evidence-based recommendations. Students will investigate a variety of topics through various viewpoints of their choice. During the course, students will complete a team project and an individual paper and presentation, as well as take a written end-of-course exam. These components contribute to the overall AP Seminar score. AP Seminar is a prerequisite for AP Research.

AP Language and Composition

This college-level AP course provides students with the tools to critically read and analyze a range of challenging non-fiction prose selections and develop an awareness of rhetoric in the

class readings as well as in their own writing. A collection of biographies, visual texts, speeches, novels, memoirs, and essays, our texts and their sequencing are primarily based on the development of crucial analytical reading skills rather than historical timelines. Students' work includes timed writings about every two weeks, several process papers each semester (including a contemporary issues research paper second semester), writing assignments in conjunction with almost all reading assignments, and class discussions. Teachers prepare students for the AP Exam administered in May by the College Board.

AP Literature and Composition

Advanced Placement Literature and Composition emphasizes the development of skills in critical reading of imaginative literature and in analytical writing. Through a close study of poetry, drama, and novels, students will practice identifying and interpreting how stylistic patterns contribute to and construct meaning within a text. Students will examine texts within their historical and cultural context, aided by an introduction to various critical theories. Student work includes timed writings about every two weeks, several process papers each semester (including a research paper each semester), writing assignments in conjunction with almost all reading assignments, and class discussions. Throughout the course, students prepare for the Advanced Placement exam in Literature and Composition, which they take in the spring for possible college credit.

English 4

A standards-driven, literature-based required course, senior English emphasizes critical thinking, reading, writing (grammar, mechanics, and punctuation), speaking, and listening skills. Students study novels, plays, short stories, poetry, and essays to gain an appreciation and understanding of the text and the world around them. In addition to the required reading of two novels, students read selected works from an extended reading list.

Speech/Debate

Speech/Debate and Composition is an elective course that introduces students to both oral interpretation and parliamentary debate. This course meets the requirement for a BMHS elective and it satisfies one semester of the UC/CSU requirement "G-College Prep Elective." Students are required to conduct extensive research on current issues and provide in depth analysis and writing on a variety of genres. Students will learn how to effectively argue or express their points through both written and oral means.

Creative Writing

This course will allow students to explore creativity in a variety of written forms: poetry, short fiction, sudden fiction, Twitterature, creative nonfiction, and scene writing. All grade levels are invited. Students will be expected to participate in all aspects of the writing process: responding to prompts, planning, outlining, drafting, revising, editing, sharing for critique, offering critiques, and submitting polished work.

Math Department

Course Title	Grade Level	Fulfills Requirement			Year or Sem.
		UC	CSU	DC	
Math Lab		No	No	No	Year
Pre-Algebra	6-8	No	No	No	Year
Algebra I	7-10	Yes	Yes	No	Year
Honors Algebra I	8-9	Yes	Yes	No	Year
Geometry	8-11	Yes	Yes	No	Year
Honors Geometry	9-10	Yes	Yes	No	Year
Algebra II	9-11	Yes	Yes	No	Year
Honors Algebra II	9-11	Yes	Yes	No	Year
Precalculus	10-12	Yes	Yes	Yes	Year
AP Calculus AB	10-12	Yes	Yes	Yes	Year
AP Calculus BC	10-12	Yes	Yes	Yes	Year

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
30 credits (6 semesters) Any course taken beyond what is required will count towards the "Electives" graduation requirement	Algebra I or Honors Algebra I	9
	Geometry or Honors Geometry	9-10
	Algebra II or Honors Algebra II	10-11

When selecting a course, all grade prerequisites must be met. All students must maintain the minimum grade both semesters. Since registration occurs prior to end of spring semester, the current grades at the time of registration will be used as a preliminary indicator of the 2nd-semester grade. Students not achieving the minimum grade at the time of registration, but who bring their grade up at the semester must notify the Academic Counseling office in June to change their course request.

Students whose grades finish below the minimum requirement at the end of the second semester but had the minimum grade at registration will be placed in course for which they do qualify.

* Any student that earns below a C- in the fall semester of an Honors or AP class will not be allowed to advance to the spring semester in that class and will be placed in the non-AP/Honors equivalent course.

Pre-Algebra

Algebra 1 is a systematic study of numbers and their properties. The content areas are: set theory, structure of the real number system, simplification of algebraic expression, problem-solving, conditional equations, exponents, and radicals. The aim of this course is to develop a good understanding in each of these areas so students can move forward to other courses in Mathematics.

Algebra I

Algebra 1 is a systematic study of numbers and their properties. The content areas are: set theory, structure of the real number system, simplification of algebraic expression, problem-solving, conditional equations, exponents, and radicals. The aim of this course is to develop a good understanding in each of these areas so students can move forward to other courses in Mathematics.

Honors Algebra I

Algebra 1 is a systematic study of numbers and their properties. The content areas are: set theory, structure of the real number system, simplification of algebraic expression, problem-solving, conditional equations, exponents, and radicals. The aim of this course is to develop a good understanding in each of these areas so students can move forward to other courses in Mathematics.

Geometry

Geometry provides students with an understanding of the basic structure of plane geometry integrated with some solid geometry. This course will help students develop powers of spatial visualization while building the students' knowledge of the relationships among geometric elements. The development of deductive reasoning, as used in geometric proofs and in the appreciation for the need for precision of language, is stressed. Algebraic skills are continued and strengthened. Students are given an insight into the methods of coordinate geometry and the way in which algebra and geometry complement each other.

Honors Geometry

Geometry provides students with an understanding of the basic structure of plane geometry integrated with some solid geometry. This course will help students develop powers of spatial visualization while building the students' knowledge of the relationships among geometric

elements. The development of deductive reasoning, as used in geometric proofs and in the appreciation for the need for precision of language, is stressed. Algebraic skills are continued and strengthened. Students are given an insight into the methods of coordinate geometry and the way in which algebra and geometry complement each other.

Honors Algebra II

Algebra 2/Trigonometry Honors is designed to strengthen and extend skills learned in previous mathematics courses. This course will help students read, define and apply algebraic vocabulary and symbols, evaluate functions, solve equations involving quadratic, rational, absolute value, radical, exponential, logarithmic and trigonometric expressions, graph equations, functions, and conic relations, write equations and solve word problems. This course will survey topics in advanced algebra.

Algebra II

Algebra 2 is designed to extend skills learned in previous mathematics courses. Concepts and skills not presently mastered but needed by the student in future educational, business, and professional endeavors are developed. A more rigorous approach to the real and complex numbers is emphasized. Students will develop a more thorough understanding of relations and functions as well as be introduced to sequence and series, logarithmic and exponential functions and the extension of coordinate geometry to include quadratics and various conic sections.

Precalculus

Precalculus is the fourth course in the Algebra 1, Geometry, and Algebra 2 sequence. Topics covered include circular functions, trigonometric functions with applications, reduction of angles, solutions of triangles, identities and equations, complex numbers, matrices, rectangular and polar coordinates, parametric equations, polynomial functions, and conicity.

AP Calculus AB

AP Calculus AB is intended for students who have a thorough knowledge of college preparatory mathematics including Algebra 1 and 2, Geometry and Pre-Calculus. AP Calculus AB is a course in introductory calculus including limits, (Epsilon-Delta concept) differentiation and integration of algebraic and non-algebraic functions and applications. Students will take the advanced placement Calculus AB exam or complete a major project.

AP Calculus BC

AP Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics covered in AP Calculus AB plus additional topics. Both courses represent college-level mathematics for which most colleges grant advanced placement and credit. The content of AP Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for AP Calculus AB.

Science Department

Course Title	Grade Level	Fulfills Requirement			Year or Sem.
		UC	CSU	DC	
Integrated Science	6-7	No	No	No	Year
Biology	8-10	Yes	Yes	No	Year
Honors Biology	9-10	Yes	Yes	No	Year
Chemistry	9-11	Yes	Yes	No	Year
Honors Chemistry	10-11	Yes	Yes	No	Year
AP Biology	11-12	Yes	Yes	Yes	Year
AP Physics 1 & 2	11-12	Yes	Yes	Yes	Year
AP Computer Science	9-12	Yes	Yes	No	Year
Principles of Engineering	9-12	Yes	Yes	No	Year
AP Environmental Science	11-12	Yes	Yes		Year
AP Physics C: Electricity and Magnetism	11-12	Yes	Yes		Year
Coding 1a&b: Introduction to Programming	11-12	Yes	Yes	No	Year
Medical Terminology 1a&b: Introduction	9-12	Yes	Yes	No	Year

When selecting a course, all grade prerequisites must be met. All students must maintain the minimum grade both semesters. Since registration occurs prior to end of spring semester, the current grades at the time of registration will be used as a preliminary indicator of the 2nd

semester grade. Students not achieving the minimum grade at the time of registration, but who bring their grade up at the semester must notify the Academic Counseling office in June to change their course request. Students whose grades finish below the minimum requirement at the end of the second semester but had the minimum grade at registration will be placed in course for which they do qualify.

*** Any student that earns below a C- in the fall semester of an Honors or AP class will not be allowed to advance to the spring semester in that class and will be placed in the nonAP/Honors equivalent course.**

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
20 credits (4 semesters) Any course taken beyond what is required will count towards the "Electives" graduation requirement	Biology or Honors Biology	9/10
	Chemistry or Honors Chemistry	10/11

Integrated Science

Students in integrated science study integrated science topics such as matter and energy in organisms and ecosystems, interdependent relationships in ecosystems, geoscience processes and Earth history, Earth systems and resources, human impact, structure and properties of matter, chemical reactions, and engineering design. Throughout the year, students will be guided by the theme of energy and how energy can create changes as they experience hands-on activities that encourage critical thinking and problem solving. science topics such as Earth's systems, weather and climate, energy, human impact, cells, body systems, organism growth, development, and reproduction, and engineering design. As students engage with these topics, they will gain a deeper understanding of the concepts and apply their understanding to real-world phenomena.

Biology

Biology is a standards based class based on the study of life. The course deals with basic chemical and physical structures in relation to the functions of the cell. Other related major topics of study include Scientific Method, Genetics, and Ecology. In this laboratory-oriented course, the application of living and preserved organisms will be utilized as well as a variety of science apparatus such as microscopes, prepared slides, laboratory glassware, and special chemical compounds.

Honors Biology

Biology Honors is a rigorous lab-oriented, standards-based science course which explores the all content areas of biology. The scientific method will be utilized to teach the process of inquiry

and to help develop critical thinking skills. Special emphasis will be on measurement and data recording as it applies to investigative and laboratory experiences.

AP Biology

AP Biology is an enriched biology class based on an investigative approach to the fundamentals of life and its processes. Course content includes investigations of unicellular organisms as well as of the more complex plants and animals. The chemical nature of organisms is researched. Students are expected to spend time on projects and to make periodic oral presentations of their findings. The course is accelerated academically with its content quantitatively and qualitatively different from Biology. Students completing the course are expected to take the Biology advanced placement examination as defined by the College Board.

Chemistry

Chemistry is a standards-based course that relates the properties of matter to the structure of matter. The ways in which chemicals change and atoms are recombined into new substances are emphasized. Elements and compounds, atomic structure, and chemical bonding are studied in detail. The course includes the study of energy and matter-energy relationships, solution chemistry, the kinetic theory, and the physical states of matter. Lab activities are designed to develop laboratory skills and techniques with an added emphasis on measurement and calculation. The lab experience enriches the understanding of basic concepts and stimulates interest and enthusiasm for chemistry. The goal of the course is threefold: to prepare students for success in college chemistry, to increase scientific literacy in the field of chemistry, and to make chemistry relevant so that students will better understand their world.

Honors Chemistry

Chemistry Honors is a standards-based course designed for students intending to major in science or engineering at the college level. An in-depth study of the composition, properties, structure and reactions of matter will be incorporated into discussions, laboratory experiences, and problem solving activities. Theoretical aspects of chemistry such as kinetic theory of gases, chemical kinetics and the basic concepts of thermodynamics are also presented. Students are expected to develop the ability to write formal laboratory reports, answer essay questions, and analyze and solve a variety of complex problems.

AP Chemistry

AP Chemistry is a course designed for students intending to major in science or engineering at the college level. An in-depth study of the composition, properties, structure and reactivity of matter will be incorporated into discussions, laboratory experiences, and problem solving activities. Theoretical aspects of chemistry such as kinetic theory of gasses, chemical kinetics, equilibria and the basic concepts of thermodynamics are also presented. Students are expected to develop the ability to write formal laboratory reports, answer essay questions, and analyze and solve a variety of complex problems. Students completing the course are expected to take the Chemistry advanced placement exam as defined by the College Board.

AP Physics 1 & 2

The AP Physics 1 & 2 courses are designed in a two year sequence to enable you to develop the ability to reason about physical phenomena using important science process skills such as

explaining causal relationships, applying and justifying the use of mathematical routines, designing experiments, analyzing data and making connections across multiple topics within the course.

AP Physics C Mechanics

AP Physics C Mechanics is designed primarily for students considering a major in science, engineering, or mathematics. However, students with the appropriate mathematical background are encouraged to enroll and should benefit from the emphasis on problem solving techniques and critical thinking skills. Course content is focused to prepare students to pass the Physics advanced placement examination as defined by the College Board.

AP Physics C Electricity and Magnetism

AP Physics C Electricity and Magnetism is designed primarily for students considering a major in science, engineering, or mathematics. However, students with the appropriate mathematical background are encouraged to enroll and should benefit from the emphasis on problem solving techniques and critical thinking skills. Course content is focused to prepare students to pass the Physics advanced placement examination as defined by the College Board.

AP Environmental science

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary; cut across the many topics included in the study of environmental science.

Introduction to Engineering

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation (adopted from Project Lead the Way).

Advanced Engineering and Robotics

Engineering II is a second level engineering course that focuses on electronics, robotics, and the application of microprocessors. It is approved by the University of California to satisfy the a-g list subject requirements for area D as an additional science (i.e., third year and beyond). The course employs qualitative and quantitative analysis and requires and employs a proficient understanding of algebra and geometry, as well as basic computer programming skills. This is an integrated course presenting the major concepts and practices of engineering, as well as theoretical perspectives, historical trends, and empirical findings of the field. The course will utilize a hands-on project based approach to give students a physical understanding of the material.

Social Studies Department

Course Title	Grade Level	Fulfills Requirement			Year or Sem.
		UC	CSU	DC	
History 6	6	No	No	No	Year
History 7	7	No	No	No	Year
History 8	8	Yes	Yes	No	Year
AP World History	10	Yes	Yes	Yes	Year
AP US History	11	Yes	Yes	Yes	Year
US History	11	Yes	Yes	No	Year
AP Government	12	Yes	Yes	No	Sem
AP Microeconomics	12	Yes	Yes	No	Sem
Government	12	Yes	Yes	No	Sem
Economics	12	Yes	Yes	No	Sem
CCU Psychology	9-12	Yes	Yes	Yes	Sem
Personal Psychology 1:	9-12	Yes	Yes	No	Year
Social Problems 1	9-12	Yes	Yes	No	Year
Entrepreneurship 1	9-12	Yes	Yes	No	Year
Criminology	9-12	Yes	Yes	No	Sem

When selecting a course, all grade prerequisites must be met. All students must maintain the minimum grade both semesters. Since registration occurs prior to the end of spring semester, the current grades at the time of registration will be used as a preliminary indicator of the 2nd semester grade. Students not achieving the minimum grade at the time registration, but who bring their grade up at the semester must notify the Academic Counseling office in June to change their course request.

Students whose grades finish below the minimum requirement at the end of the second semester but had the minimum grade at registration will be placed in courses for which they do qualify.

*** Any student that earns below a C- in the fall semester of a yearlong Honors or AP class will not be allowed to advance to the spring semester in that class and will be placed in the non AP/Honors equivalent course.**

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
30 credits (6 semesters) Any course taken beyond what is required will count towards the “Electives” graduation requirement	World History or Honors World History	10
	United States History AP United States History	11
	Government or AP Government and Economics or AP Economics	12

History 6 - Ancient Civilizations

This Ancient Civilizations course will provide an overview of prehistory and the rise of civilizations in Asia, Africa, and Europe. Students will learn about these early civilizations through studying their geography, religion, achievements, government and social structures. Through this course, students will have the opportunity to develop critical thinking, communication, and collaboration skills through the use of primary and secondary sources in order to establish their own perspective on historical events.

History 7 - Medieval and Early Modern Times

This World History course is a survey of Medieval and Early Modern Times. Students will study the political, economic, social, cultural, and technological changes that occurred in Europe, Africa, Asia, and the Americas in the years A.D. 100-1789. This course is designed to help students examine the growing interaction among civilizations as well as the exchange of ideas, beliefs, technologies, and commodities. Students will have the opportunity to develop critical thinking, communication, and collaboration skills through the use of primary and secondary sources in order to establish their own perspective on historical events and make modern day parallels.

History 8 - US History

Students will be equipped with an understanding of the ideas, issues, and events from the founding of the country up to the Reconstruction after the Civil War, with an emphasis on the structure and functions of the US government. The course is designed to provide students with the opportunity to develop critical thinking, communication, and collaboration skills, all of which are necessary to succeed in the 21st century world. Over the course of the class students

will be asked to take on the role of historical detectives, going beyond the who, what, where, and when, to gain a deeper understanding of why these events took place. Students will utilize primary and secondary sources in order to establish their own perspective on these historical events using evidence to support their views.

AP World History

The course's curriculum traces modern world history from 1200 A.D. to the present day. An essential tool that is used to help students to view history as a story rather than a collection of events and individuals is the division of the course content into 6 periods. The 6 Periods of AP World History:

1. Technological and Environmental Transformations: 1200 to 1450 CE
2. Organization and Reorganization of Human Societies 1200 to 1450 CE.
3. Regional and Transregional Interactions: c. 1450 - 1750
4. Global Interactions: c. 1450 to c. 1750
5. Industrialization and Global Integration: c. 1750 to c. 1914
6. Accelerating Global Change and Realignment c. 1914 to the present

AP US History

AP U.S. History is a chronological, comprehensive survey of United States history with emphasis on the conflicting interpretation of events, the understanding of source materials, and the skillful presentation of argument from evidence. Students will be expected to perform at college level in class discussion, independent research, and writing ability. Course content is focused to prepare students to pass the U.S. History advanced placement examination.

US History

U.S. History is a study of the political, cultural, social, and economic background of the United States. Emphasis is placed on increasing student knowledge of the past and through a variety of teaching techniques designed to enhance student involvement in the learning process. Topical emphasis is given to the twentieth century: Progressive Era, the Jazz Age, the Great Depression, WWII, the Cold War, Korean War, Civil Rights Movement, Vietnam and the development of American values and institutions up to the present day.

AP Government

In American Government, students study the origin, nature, and theoretical aspects of the American system of government. Emphasis is on American Political institutions (i.e., Executive, Legislative and Judicial branches of government) from origin to current time. The nature and function of government at the state, county, and city levels are included as time permits. The origin and growth of individual civil and political rights are covered with particular emphasis from concepts of the Declaration of Independence and the Bill of Rights to the U.S. Constitution.

AP Microeconomics

Economics is the study of the production and distribution of goods and services. This course is designed to give the student an awareness of economic systems, both personal and political. It will provide opportunities to develop basic skills in critical and creative thinking in social decision making and will explore future economic challenges. Emphasis is on free-market efficiency, price stability, growth security, comparative advantage, fiscal and monetary policy.

Government

In American Government, students study the origin, nature, and theoretical aspects of the American system of government. Emphasis is on American Political institutions (i.e., Executive, Legislative and Judicial branches of government) from origin to current time. The nature and function of government at the state, county, and city levels are included as time permits. The origin and growth of individual civil and political rights are covered with particular emphasis from concepts of the Declaration of Independence and the Bill of Rights to the U.S. Constitution.

Economics

This introductory course will encompass various phases of personal, commercial, and global economics. Fundamentals of supply and demand, tax systems, governmental budgeting, stock market and business structure, comparison of economic systems and other aspects of this discipline will be presented to the students in order to familiarize them with the workings of our economic system.

Criminology: Inside the Criminal Mind

Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. The mental state of a criminal can be affected by many different aspects of life: psychological, biological, and sociological, all of which have different perspectives and influences. Investigate not only how these variables affect the criminal mind but also how crimes are investigated and handled in the criminal justice system.

Personal Psychology I&2

Get ready to delve into some of life's biggest questions and begin the journey to uncovering those answers for yourself! In this course, you'll explore the broad scope of psychology from biology's impact on our psychological makeup to society's impact on who we become. You'll look closely at the changing and sometimes conflicting thoughts of researchers and scientists and how the field of psychology has changed. You'll also explore clinical psychology and how people find treatment. Let's begin the journey to discovery today! Why do you sometimes remember complex things but forget all of a sudden where you left your shoes? Why is your personality similar or different from your siblings? Why do some things motivate you more than others? Discover how you learn and remember, the impact of stress on your emotions and mental health, and what influences your personality and emotions. Basically, let's explore what makes you 'you'!

Visual and Performing Arts Department

Course Title	Grade Level	Fulfills Requirement			Year or Sem.
		UC	CSU	DC	
Graphic Design	9-11	Yes	Yes	No	Yes
Vocal Ensemble & Drama I - III	9-11	Yes	Yes	No	Yes
Yearbook 1	9-11	Yes	Yes	No	Yes
3D Modeling 1a: Introduction	9-11	Yes	Yes	No	Yes
Animation 1a: Introduction	9-11	Yes	Yes	No	Yes

Graphic Design

Graphic Design is a computer/art course for students who are interested in the graphics design field. The Elements and principles of Art and the California Visual Arts Standards will guide the curriculum as students develop visual understanding and apply critical thinking skills. Students will develop skills in manipulating text and images. They will be given various design problems and will explore solutions for them. Students will increase their proficiency in all areas of the design process. This includes the application of formal design principles, type as image, creative brainstorming, conceptualizing, critical thinking, collaboration, and presentation. Fall semester must be taken to enroll in Spring semester.

Yearbook

This year-long course is designed for students who are interested in learning the fundamentals of digital photographic manipulation and the digital process of producing and editing publications. The Elements and principles of Art and the California Visual Arts Standards will guide the curriculum as students develop visual understanding and apply critical thinking skills. Students will create, format, illustrate, design, edit/revise, and print publications. Proofreading, document composition, and communication competencies are also included. Students will identify the way text, graphics, and photos are used in advertising, commerce, and publicity, and practice how to control them to create their own layouts. Creating the school yearbook is a major part of this curriculum.

Vocal Drama

Throughout this course students will be participating in various vocal and theatrical performances both in-class and for the public through concerts and recitals. Students will be introduced to the basics of music theory and learn to sing as a choir. Course assignments will include: monologues, vocal solo pieces, choral pieces, acting scenes, and one-act plays. Students

will learn the foundations of improvisational comedy which will be used throughout the course. Students will be able demonstrate a basic understanding of music theory, analyze, interpret, memorize, and perform acting scenes, memorize and perform both solo and choral pieces, and demonstrate the basic principles of improvisational comedy, critically analyze different vocal and theatrical performances, and gain confidence as they prepare and perform in front of an audience throughout the year.

Advanced Vocal Drama

Throughout this course students will be participating in various vocal and theatrical performances both in-class and for the public through concerts and recitals. Course assignments will include: monologues, vocal solo pieces, choral pieces, acting scenes, and one-act plays. Students will continue to practice improvisational comedy which will be used throughout the course. Students will be able demonstrate a basic understanding of music theory, analyze, interpret, memorize, and perform acting scenes, memorize and perform both solo and choral pieces, and demonstrate the basic principles of improvisational comedy, critically analyze different vocal and theatrical performances, and gain confidence as they prepare and perform in front of an audience throughout the year.

Animation 1a & 1b

Have you ever watched a cartoon or played a video game where the animation of characters captivated you so much you wanted to create your own? If so, it's time to immerse yourself in the world of animation. Meet the industry players such as directors, animators, and 3D modelers. Develop your story by exploring design, the 12 principles of animation, creating a storyboard, and leveraging the tools of the trade. Let's bring your story to life with animation! It's time to start animating like the pros! In this hands-on course, you'll immediately start exploring the software Blender, your gateway to 3D modeling, computer animation, and postproduction procedures used in the film industry. Discover 3D modeling and animation of characters. Explore the basics of human anatomy and form to apply rigging, joints, and texture. Examine rendering and lighting effects and how to apply sound. And discover careers so you can start using your new skills right away.

3D Modeling 1a&1b

Heart valves, cars, cartoons, and buildings may not seem to have much in common, but they all share one spectacular attribute: all originated as a 3D model. 3D modeling has changed the way the world makes things, and in this course, you'll learn the basics to begin creating in 3D! You'll learn how different 3D models are built and how to practice using a variety of modeling methods. By the end of the course, you'll walk away with a portfolio of your ingenious modeling ideas. 3D modeling is an essential part of the modern world and soon, you'll be able to contribute yourself! Many buildings that are rendered in the real world first are constructed in a digital 3D world that depicts the aesthetics, environment, and conditions of what will come to be. In this course, you will be introduced to the tools and techniques needed to create works of 3D art. You will bring your objects to life with color, textures, lighting, and shadow all while simulating the movement of world around. Are you ready to bring beautiful objects to life in a 3D world? Let's get started today!

World Language Department

Course Title	Grade Level	Fulfills Requirement				Year or Sem.
		UC	CSU	DC	CC	
SPAN 100 - Spanish Language and Culture I	9-11	Yes	Yes	No	Yes	Sem
SPAN 200 - Spanish Language and Culture II	9-11	Yes	Yes	No	Yes	Sem
SPAN 201 - Spanish Language and Culture III	10-11			No	Yes	Sem

SPAN 100 - Spanish Language and Culture I

This is an introductory course designed to build basic language skills (listening, speaking, reading and writing) by focusing on the cultural content, vocabulary and grammar necessary to develop inter-cultural communicative competence at an intermediate low proficiency level.

SPAN 200 - Spanish Language and Culture II

This is an introductory course designed to build basic language skills (listening, speaking, reading and writing) by focusing on the cultural content, vocabulary and grammar necessary to develop inter-cultural communicative competence at an intermediate low-mid proficiency level.

SPAN 201 - Spanish Language and Culture III

This is an intermediate course designed to further develop basic language skills (listening, speaking, reading and writing) by focusing on the cultural content, vocabulary and grammar necessary to develop inter-cultural communicative competence at an intermediate mid-high proficiency level.

Physical Education Department

Course Title	Grade Level	Fulfills Requirement			Year or Sem.
		UC	CSU	DC	
Co-Ed Physical Education	9-10	No	No	No	Year
Athletics	9-12	No	No	No	Year
Independent PE	6-12	No	No	No	Year

Graduation Requirement	Mandatory Course(s)	
	Course Title	Year course should be taken
20 credits (4 semesters) Any course taken beyond what is required will count towards the "Electives" graduation requirement	Middle School Co-Ed Physical Education	6-8
	Middle School Co-Ed Physical Education or Sport	9-12
	Sport or Athletic	9-12

Co-Ed Physical Education 6-8

All students will participate in a developmentally appropriate physical education program and experience and practice a wide variety of movement skills, forms of physical activity, and the rules of common team sports. The goal is to develop physically literate individuals who have the knowledge, skills and confidence to enjoy a lifetime of healthful physical activity. To pursue a lifetime of healthful physical activity, a physically literate individual:

1. Has learned the skills necessary to participate in a variety of physical activities.
2. Knows the implications of and the benefits from involvement in various types of physical activities.
3. Participates regularly in physical activity.

4. Is physically fit.
5. Values physical activity and its contributions to a healthful lifestyle.

Co-Ed Physical Education 9-12

The Co-Ed PE course offers students instruction in lifetime activities and fulfills the mandatory PE requirement for graduation. Individual, dual and team sport activities are included, with an emphasis on activities offering lifelong participation opportunities. Fitness activities include basketball, volleyball, football, soccer, racquet sports, and other lifetime activities.

Independent Study PE 6-12

(ISPE) allows for advanced study in activities not normally available in the District's program. ISPE activities must be a significantly different program involving 10 or more hours per week in an activity in which the student is highly gifted and highly competitive at a national, state or regional level. Acceptance or rejection of this request is determined by differences between recreational and competitive programs. Applications for ISPE are available in August by request. Email with the child's name, grade, sport to receive an application. Applications must be submitted to the school to be approved by the site administrator. Students will be enrolled in a PE class until the application is approved. Placement in ISPE is not guaranteed.

AP Capstone Program

AP Capstone™ is a diploma program from the College Board. It's based on two yearlong AP courses: AP Seminar and AP Research. Rather than teaching subject-specific content, these courses develop students' skills in research, analysis, evidence-based arguments, collaboration, writing, and presenting. Students can earn the AP Capstone Diploma™ or the AP Seminar and Research Certificate. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

(from apcentral.collegeboard.org/courses/ap-capstone)

Course Title	Grade Level	Prerequisite Course Work	Fulfills Requirement Year or Sem.		Year or Sem.
AP Seminar	10-12	Students qualify for the course with... <input type="checkbox"/> A- or higher in both fall and spring semesters of English II <input type="checkbox"/> B- or higher in both fall and spring semesters of Honors English II <input type="checkbox"/> Application and department approval required	UC	CSU	Year
			Yes B category	Yes B category	
AP Research	12	Students qualify for the course with... <input type="checkbox"/> B- or higher in both fall and spring semesters of AP Seminar AND <input type="checkbox"/> B- or higher in both fall and spring semesters of Honors American Lit or AP English Language & Comp	Yes G category	Yes G category	Year

When selecting a course, all grade prerequisites must be met. All students must maintain the minimum grade both semesters. Since registration occurs prior to end of spring semester, the current grades at the time of registration will be used as a preliminary indicator of the 2nd semester grade. Students not achieving the minimum grade at the time of registration, but who bring their grade up at the semester must notify the Academic Counseling office in June to change their course request. Students whose grades finish below the minimum requirement at the

end of the second semester but had the minimum grade at registration will be placed in course for which they do qualify

AP Seminar

In this course, students will learn to consider an issue from multiple perspectives, identify credible sources, evaluate strengths and weaknesses of arguments, and make logical, evidence-based recommendations. Students will investigate a variety of topics through various viewpoints of their choice. During the course, students will complete a team project and an individual paper and presentation, as well as take a written end-of-course exam. These components contribute to the overall AP Seminar score.

AP Seminar is a prerequisite for AP Research.

AP Research

In AP Research, students will explore various research methods and complete an independent research project. Projects can build on a topic, problem, or issue covered in AP Seminar or on a brand new topic of the student's own choosing. At the end of the project, students will submit their academic papers and present and defend their research findings. These components contribute to the overall AP Research score. There is no end-of-course AP exam.

(from apcentral.collegeboard.org/courses/ap-capstone)

Bible Department

Course Title	Grade Level	Fulfills Requirement			Year or Sem.
		UC	CSU	DC	
Bible (x4)	9-12	UC	CSU	DC	Year
		No	No	No	
BIB 102A - New Testament Introduction	11-12	No	No	Yes	Sem
BIB 111 - Old Testament	11-12	No	No	Yes	Sem
THE 200A - Introduction to Systematic Theology	11-12	No	No	Yes	Sem
BIO 102A — Introduction to Biological Diversity	11-12			Yes	Sem

Bible at Ambassador

Middle School Bible

High School Bible

BIB 101A — Old Testament Introduction

This course provides an overview of the historical development and fulfillment of God's sovereign plan for both the people and the land of Israel.

BIB 102A — New Testament Introduction

This course provides the background, content, unity and progression of the New Testament Scriptures. The student will capture an understanding of the life and ministry of Christ, the development of the Church and the unfolding of the New Covenant.

BIO 102A — Introduction to Biological Diversity

This course provides students with the relevant knowledge and critical thinking skills to better understand the living world. Living systems on a cellular, organismal, and ecological level will be studied. From real world examples, students will discover the basic concepts surrounding microbiology and plants, animals and ecology, human anatomy and physiology, as well as theories about their origination.

THE 200A — Introduction to Systematic Theology

This course covers basic issues, themes, and categories of Christian theology.

High School Electives

Course Title	Grade Level	Fulfills Requirement				Year or Sem.	
		UC	CSU	DC	CC		
AP Computer Science Principles	9-12	Yes	Yes	No	No	Year	
APL 100A - Introduction to Apologetics	10-12	Yes	Yes	No	Yes	Sem	
BUS 105A — Business Fundamentals	10-12	Yes	Yes	No	Yes	Sem	
COM 110A — Oral Communication	9-12	Yes	Yes	Yes	Yes	Sem	
HIS 185 - Western Civilization	10-12	Yes	Yes	No	Yes	Sem	
HIS 211A - History of Christianity	10-12	Yes	Yes	No	Yes	Sem	
HUM 229A - C.S. Lewis in Film & Literature	10-12	Yes	Yes	Yes	Yes	Sem	
Intro to Engineering	10-12	Yes	Yes	No	No	Sem	
PHL 202 - Introduction to Philosophy	10-12	Yes			Yes	Sem	
PHL 204A — Classical Philosophy and Christianity	10-12	Yes			Yes	Sem	
PHL 205A - World Views	10-12	Yes			Yes	Sem	
PSY 102A — General Psychology	10-12	Yes			Yes	Sem	
THE 200A — Introduction to Systematic Theology	10-12	Yes			Yes	Sem	
3D Modeling 1a+1b	9-12	Yes	No			No	Year

Coding 1a+ 1b	9-12	Yes	No	No	Year
Entrepreneurship 1a + 1b	9-12	Yes	No	No	Year
The Lord of the Rings: An Exploration of the Films & Their Literary Influences	9-12	Yes	No	No	Year
Medical Terminology 1a: Introduction 1a + 1b	9-12	Yes	No	No	Year
Personal Psychology I & 2	9-12	Yes	No	No	Year
Criminology: Inside the Criminal Mind	9-12	Yes	No	No	Sem
Law & Order: Introduction to Legal Studies	9-12	Yes	No	No	Sem
Personal Psychology 1: The Road to Self-Discovery	9-12	Yes	No	No	Year
Social Problems 1 & 2: Full Year- Social Studies	9-12	Yes	No	No	Year

APL 100A — Introduction to Apologetics

This course is an introduction to principles and methodologies of practical Christian apologetics. Multiple apologetic approaches are identified, compared, contrasted, and evaluated as to their strengths and weaknesses.

BIO 112A — Introduction to Biological Diversity Lab

This course provides the opportunity to apply knowledge acquired through BIO 102A Biological Diversity in real world situations. Critical thinking skills will be exercised through the application of the scientific method. Worldview, ethical, moral, and spiritual issues related to the course material will also be addressed.

BIO 203A — Foundations in Human Anatomy and Physiology I

This course will survey human anatomy and important associated functions that comprise the processes of life. Starting at the lowest levels of internal anatomical organization, the topics will

build upon one another and include increasingly complex associations. For example, topics will include biochemical, cellular, tissue, and systems processes that allow for life and provide for human structural support, movement, and internal communication. Structure and function of the skeletal, muscular, nervous, and endocrine systems are explored.

Corequisites: BIO 213A

BIO 213A — Foundations in Human Anatomy and Physiology I Lab

This course provides the opportunity to apply knowledge acquired through Foundations in Human Anatomy and Physiology I in real world situations.

Corequisites: BIO 203A

A resource fee for a required lab kit will apply upon registration. Students who register less than 10 days prior to the class start date will incur an additional expedited shipping fee.

BIO 204A — Foundations in Human Anatomy and Physiology II

This course will survey human anatomy and important associated functions that comprise the processes of life. Starting at the lowest levels of internal anatomical organization, the topics will build upon one another and include increasingly complex associations. Topics will include biological systems contributing to the internal transport, defense, energy production, and reproduction. Human respiratory, circulatory, digestive, excretory, endocrine, and reproductive systems are explored.

Prerequisites: BIO 203A

Corequisites: BIO 214A

BIO 214A — Foundations in Human Anatomy and Physiology II Lab

This course provides the opportunity to apply knowledge acquired through Foundations in Human Anatomy and Physiology II in real world situations.

Prerequisites: BIO 213A

Corequisites: BIO 204A

A resource fee for a required lab kit will apply upon registration. Students who register less than 10 days prior to the class start date will incur an additional expedited shipping fee.

BUS 105A — Business Fundamentals

Overview of functional areas (accounting, finance, management, marketing, and computer information systems) and operating environments common to all business and nonprofit organizations.

COM 110A — Oral Communication

This course provides an introduction to principles of communication emphasizing public speaking. Aspects of verbal and nonverbal delivery, speech organization, the effective use of

supporting material and presentational aids are addressed. Students give several speeches designed to better equip them for future speaking endeavors.

HIS 211A — History of Christianity

This course surveys the history of Christianity from its beginnings through the twentieth century. It stresses the highlights of each era. The course stresses church organization and practice. Additionally, the history of theology, doctrine and spirituality, and the impact of Christianity upon society and society upon Christianity are explored.

HUM 229A — C.S. Lewis Film and Literature

Students will examine some of the major works of C. S. Lewis to see how this master storyteller and great communicator used story, and particularly metaphor, to communicate the Christian message to a secular world.

PSY 102A — General Psychology

This course provides an overview of the field of psychology, including psychological principles, methods, theories, and research broadly applied to various domains within the scope of psychology as a field. Topics from the biological basis of behavior to social applications of psychology are included.

PSY 221A — Interpersonal Relationships

This course will examine principles for building and maintaining healthy relationships, including friendships, dating relationships, marriage, and family relationships. Topics will include the exploration of establishing healthy boundaries, communication, conflict management/resolution, and mate selection. Additionally, there will be exploration of personal needs, values and beliefs, and family of origin influences that impact relationships.

THE 200A — Introduction to Systematic Theology

This course covers basic issues, themes, and categories of Christian theology.

3D Modeling 1a&1b

Heart valves, cars, cartoons, and buildings may not seem to have much in common, but they all share one spectacular attribute: all originated as a 3D model. 3D modeling has changed the way the world makes things, and in this course, you'll learn the basics to begin creating in 3D! You'll learn how different 3D models are built and how to practice using a variety of modeling methods. By the end of the course, you'll walk away with a portfolio of your ingenious modeling ideas. 3D modeling is an essential part of the modern world and soon, you'll be able to contribute yourself! Many buildings that are rendered in the real world first are constructed in a digital 3D world that depicts the aesthetics, environment, and conditions of what will come to be. In this course, you will be introduced to the tools and techniques needed to create works of 3D art. You will bring your objects to life with color, textures, lighting, and shadow all while simulating the movement of world around. Are you ready to bring beautiful objects to life in a 3D world? Let's get started today!

Creative Writing

Literature is an important form of art that allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of reality. Explore the writing process and find inspiration to build a story of your own, and learn literary techniques to create hybrid forms of poetry and prose. Let's turn your creative thoughts and ideas into pieces of creative writing.

Coding 1a&b

Learning to code is like learning a clandestine language, and now is your chance to get in on the secret! In this course, you will learn about the building blocks of coding. You'll explore how real-world problems can be broken into algorithms described through coding and then use the approachable and versatile coding language of Python to generate the output you're looking for. You'll cover both procedural and object-oriented programming and even create two text-based adventure games along the way. Are you ready to get in on the secret? You have already learned a lot about the language of coding, and now, it's time to become even more fluent and multilingual! In this course, you'll continue working with Python, but you'll also add other languages like HTML, CSS, and JavaScript to your coding toolkit as you build and style a web app! You'll explore data structures to process information, how to stay on schedule and prepare for app updates, and how to improve the functionality, look, and safety of your app. Each new coding challenge we meet invites us to expand our skills, and there's always room for creativity when you're working with code. Let's get to it!

Entrepreneurship 1a&b

Starting a business is more than just having a good idea. Successful entrepreneurs know how to use and apply fundamental business concepts to turn their ideas into thriving businesses. Explore topics such as identifying the best business structure, business functions and operations, finance, business laws, regulations, and more! If you have ever dreamed of making a business idea a reality, take the time to establish a solid foundation of business skills to make your business dreams come true! You have the business idea; now it's time to go from dream to reality. Throughout this course, you'll explore different topics representing the major parts of a business plan, such as risk, hiring, pricing, marketing, and more. By completing activities, you'll create a viable document you can use to help you start your business by the end of the course. Let's bring your dream to life!

The Lord of the Rings: An Exploration of the Films & Their Literary Influences

The Lord of the Rings is one of the most popular stories in the modern world. In this course, you will study the movie versions of J.R.R. Tolkien's novel and learn about the process of converting literature to film. You will explore fantasy literature as a genre and critique the three Lord of the Rings films.

Medical Terminology 1a: Introduction

Learning the language is essential for careers in health science. Join word parts to form medical terms, associations within body systems, and better communicate with colleagues and patients. Build your proficiency and confidence with this course and prepare yourself for a career in health sciences. Discover the medical terminology associated with even more body systems to increase your ability to master prefixes, suffixes, and roots. Connect this language to real-world patients and clinical settings through practical applications and specific scenarios. Launch your health knowledge with detailed medical terms.

Law & Order: Introduction to Legal Studies

Imagine if there were no laws and people could do anything they wanted. Every society needs some form of regulation to ensure peace in our daily lives and in the broader areas of business, family disputes, traffic violations, and the protection of children. Explore the importance of laws and how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, you'll learn to appreciate the larger legal process and how it safeguards us all.

Criminology: Inside the Criminal Mind

Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. The mental state of a criminal can be affected by many different aspects of life: psychological, biological, and sociological, all of which have different perspectives and influences. Investigate not only how these variables affect the criminal mind but also how crimes are investigated and handled in the criminal justice system.

Personal Psychology I&2

Get ready to delve into some of life's biggest questions and begin the journey to uncovering those answers for yourself! In this course, you'll explore the broad scope of psychology from biology's impact on our psychological makeup to society's impact on who we become. You'll look closely at the changing and sometimes conflicting thoughts of researchers and scientists and how the field of psychology has changed. You'll also explore clinical psychology and how people find treatment. Let's begin the journey to discovery today! Why do you sometimes remember complex things but forget all of a sudden where you left your shoes? Why is your personality similar or different from your siblings? Why do some things motivate you more than others? Discover how you learn and remember, the impact of stress on your emotions and mental health, and what influences your personality and emotions. Basically, let's explore what makes you 'you'!

Marketing Foundations 1a&b

Explore the fast-paced and exciting world of marketing! Learn about the role of marketing in business in addition to the basics of business management, customer service, and economics. Examine how to identify target markets, perform market research, and develop successful marketing strategies. Discover the legal and ethical considerations of business and marketing, along with the impact of government on business. Dig deeper into the world of marketing and what it means for business success! Become a marketing mix pro by studying understanding branding, advertising, promotion strategies, and more, through real-world applications and practices. And explore the secrets of advertising and promotion. Learn about effective sales techniques and discover employment opportunities to pursue a career in this exciting field!

Foundations of Game Design 1a&b

Does your love of video games motivate you to pursue a career in this field? Pursue your passion by learning about the principles of game design through the stages of development, iterative process, critiques, and game development tools. Put these new skills to work by designing your own game! Now that you have the basics of game design down, let's use your creativity to develop a game from start to finish! Develop your game creation skills and practice with the tools professionals use to launch your career options in the field of game design. The content of this course also applies to certification exams.

Health Science Foundations 1a&b

Health science careers are not only in high demand, but they offer a diverse range of careers for all types of people interested in helping others. Acquire foundational knowledge required to pursue a career in the healthcare industry, and the education, training, and credentials needed to attain them. Learn basic medical terminology, principles of anatomy and physiology, and legal and ethical responsibilities. Explore communication, teamwork, and leadership techniques – providing a solid basis for those wanting to advance through the health sciences. Making sure that you, your patients, and your colleagues stay safe, you’ll begin analyzing your responsibilities for ensuring patient and personal safety with special attention paid to emergency procedures. Examine infection control, first-aid, CPR, and measuring a patient’s vitals. Learn about numerical data, such as systems of measurement, medical math, and reading and interpreting charts. And examine effective teamwork and leadership characteristics while building your employment skills.

Social Problems I & 2

War, crime, poverty, global warming, healthcare, effects of media, and more. Explore some of the biggest challenges facing our world today and what led to these social problems. What effects do they have on our lives and societies? What possible solutions exist for solving them? Discover what measures you can take to tackle these issues head-on and start to develop your plan of action. Sometimes our world is filled with problems. Explore more of the challenges we face as individuals and as a global society and learn what we can do to reduce the effects of these conflicts and problems. From drug abuse to terrorists to homelessness and obesity, we can better face and solve these problems when we have a deeper understanding of their causes and influences on our lives.

Animation 1a & 1b

Have you ever watched a cartoon or played a video game where the animation of characters captivated you so much you wanted to create your own? If so, it’s time to immerse yourself in the world of animation. Meet the industry players such as directors, animators, and 3D modelers. Develop your story by exploring design, the 12 principles of animation, creating a storyboard, and leveraging the tools of the trade. Let’s bring your story to life with animation! It’s time to start animating like the pros! In this hands-on course, you’ll immediately start exploring the software Blender, your gateway to 3D modeling, computer animation, and postproduction procedures used in the film industry. Discover 3D modeling and animation of characters. Explore the basics of human anatomy and form to apply rigging, joints, and texture. Examine rendering and lighting effects and how to apply sound. And discover careers so you can start using your new skills right away.

Middle School Electives

Course Title	Grade Level	Fulfills Requirement				Year or Sem.
		UC	CSU	DC	CC	
Theater	6-7	No	No	No	No	
Music	6-7	No	No	No	No	
Art	6-7	No	No	No	No	
Middle School Animation	6-8	No	No	No	No	Sem
Middle School Critical Thinking 1a: Introduction	6-8	No	No	No	No	Sem
Middle School Career Explorations 1	6-8	No	No	No	No	Sem
Middle School Coding 1a	6-8	No	No	No	No	Sem
Middle School Digital Art & Design	6-8	No	No	No	No	Sem
Middle School Exploring Business	6-8	No	No	No	No	Sem
Middle School Exploring Health Science	6-8	No	No	No	No	Sem
Middle School Exploring IT	6-8	No	No	No	No	Sem
Middle School Exploring Music	6-8	No	No	No	No	Sem
Middle School Fitness	6-8	No	No	No	No	Sem

Middle School Game Design 1a	6-8	No	No	No	No	Sem
Middle School Health	6-8	No	No	No	No	Sem
Middle School Photography 1b:Drawing with Light	6-8	No	No	No	No	Sem
Middle School Robotics	6-8	No	No	No	No	Sem
Middle School Journalism	6-8	No	No	No	No	Sem
Middle School Photography	6-8	No	No	No	No	Sem

Middle School Animation

Across the decades, there have been many legendary animated characters, but now is the time for YOU to breathe life into the next great animation! In this course, you will explore the history of animation to understand its evolution. You'll also learn the essentials of character development, color theory, and design, and the principles of animation while applying your unique animation style to your own animated character. All of your hard work will culminate in your artist's portfolio so you can show off your hard work. Let's create a new life!

Middle School Coding

Do you find yourself wondering how your favorite apps, websites, and games were made? Maybe you want to try building your own. Well, now you can! In Middle School Coding 1a, you will get an introduction to the basics of computer science, HTML, CSS, JavaScript, and Python. You'll leave the course with a portfolio of work you can show off! Let's take the coding skills you learned in the previous course to the next level! You'll expand your knowledge with Advanced Python, HTML, and JavaScript. You'll further build out your portfolio and start thinking about a career in the fast-growing IT field.

Middle School Exploring Business

Are you interested in business, leading people, or making decisions to help a business be successful? While there are many different career choices in the field of business, in this course, you'll discover options such as management, human resources, business operations, information management, and accounting. Explore the skills you'll need, common tasks, the technology used, and accounting. Explore the skills you'll need, common tasks, the technology used, and characteristics of various business careers.

Middle School Exploring Health Science

Where do healthcare workers spend their days? What do they really do? From cruise ships to sports arenas, you can find healthcare workers in many places that you might not expect. Explore this field, including what it would be like to work in a medical lab. Learn what it takes to keep you and your patients safe, and begin to learn about the human body and basic first-aid.

Middle School Exploring IT

Are you interested in creating a website or app, or managing various technology solutions, but not sure where to start? If so, then it's time to explore the different career options available to you in IT and learn the foundations of IT to get you started. Examine various IT pathways of web and digital communications, information and support services, network systems, and programming and software development.

Middle School Exploring Music

What comes to mind when you hear the word 'music'? Do you think about your favorite band or artist? In this course, you'll learn about how we hear music; how music affects our lives; essential elements of music like rhythm, pitch, and harmony; different musical genres; singing and your voice; various instruments; music composition; and the history and culture of music over the years.

Middle School Game Design

We love to play video games, but have you ever wanted to build your own? If you are interested in a career in technology but also want a creative outlet, Game Design might be the field for you. Learn how to build a game from the ground up in this interactive and hands-on course that will teach you all the ins and outs of making your own game. It's time to take your Game Design knowledge up a level! You built your game design skills and Scratch techniques in the first part of this course. By the end, you wrote your game design document. Now you are ready to start developing that game! You'll create details and add component pieces in a game while learning to prototype, troubleshoot, and test.

Middle School Journalism

Are you someone who likes to write to get the story straight? Skilled journalists know how to find key facts and write them up in a way that makes it easy for others to read. In this course, you'll learn how to ask the right questions, how to gather information effectively, organize ideas, format stories, and edit your articles. Get ready to break that news!

Middle School Photography 1a&b

Photographs are all around us, and each helps to tell a story. Now it's time for you to create your story through photos you learn how to take in this course. Learn the basics of using a camera, lighting, and how to choose great subjects to create magazine-worthy photos and amaze your friends and family with your skills. Do you have vacation photos or pics of your pet that need a little editing? How about getting ready to add that new selfie you took to your social media platform? Taking photos is an art, and editing photos is a skill that many photographers seek to master. Explore how to manipulate angles and lighting, the purpose for different types of photo files, how to use different software to edit photos, and safe places you can store them. You'll be well on your way to being an editing guru when you're done with this course.

Vocal Drama

Throughout this course students will be participating in various vocal and theatrical performances both in-class and for the public through concerts and recitals. Students will be introduced to the basics of music theory and learn to sing as a choir. Course assignments will include: monologues, vocal solo pieces, choral pieces, acting scenes, and one-act plays. Students will learn the foundations of improvisational comedy which will be used throughout the course. Students will be able demonstrate a basic understanding of music theory, analyze, interpret, memorize, and perform acting scenes, memorize and perform both solo and choral pieces, and demonstrate the basic principles of improvisational comedy, critically analyze different vocal and theatrical performances, and gain confidence as they prepare and perform in front of an audience throughout the year.

Graphic Design/Art

The first semester of this course will help students explore some of the Elements of Art and the Principles of Design through discussion and hands-on work. Students will apply basic concepts to create their own art. During the second semester, students will explore some of the tools and concepts used in graphic design while creating their own designs. Class time will consist of skill-building exercises, project-driven work, individual guidance, and group discussions. The

majority of work will be done in class under teacher supervision. By the end of the school year, students will have created a sizable portfolio of work.

Websites and Resources

College Research

Big Future www.bigfuture.collegeboard.org

Fiske Guide to College
www.fiskeguide.com

Princeton Review
www.princetonreview.com

Peterson's
www.petersons.com

CollegeNet
www.collegenet.com

Colleges of Distinction
www.collegesofdistinction.com

Websites Western Undergraduate Exchange
www.wiche.com/wue

Search 4 Career Colleges
www.search4careercolleges.com

U.S. Department of Education College Scorecard
collegescorecard.ed.gov

Colleges That Change Lives
www.ctcl.org

Database of Higher Ed Institutions
www.findaschool.org

Women's College Coalition
www.womenscolleges.org

www.acinet.org – Bureau of Labor Statistics and great career information

www.act.org – ACT – American College Test

www.aiccumentor.org – California's 76 Independent Colleges

www.assist.org – displays report of how course credits earned at community college can be applied when transferred to another college

www.cavhs.org – UC website providing test preparation advice

www.collegeboard.com/apstudents – info on AP exams for undergraduate placement

www.csumentor.edu – a comprehensive guide to the California State University's 23 campuses. Provides outreach, preadmission, financial aid, and admission information. Students can create a student planner to guide them in meeting CSU admission requirements.

www.csumentor.edu/filing-status – a ready reference to determine which CSU campuses are accepting undergraduate applications and which majors are open or closed.

www.fastweb.com – scholarship search site

www.hsf.net – Hispanic Scholarship Fund

www.mdtp.ucsd.edu – practice tests for mathematical analysis and readiness test

www.mycoolcareers.com – assessment tests and streaming video interviews

www.myroad.com – a personality profile; explore colleges and careers (free for AVID students only)

www.pathways2.ucop.edu – a comprehensive guide to the University of California’s 9 campuses

Test Prep & Information

www.collegeboard.org
www.act.org
www.khanacademy.org
www.number2.com
www.kaplan.com

Applications

www.commonapp.org
www.coalitionforcollegeaccess.org
www.calstate.edu/apply
www.cccapply.org
<https://admission.universityofcalifornia.edu/>

Essay

UC

<https://admission.universityofcalifornia.edu/how-to-apply/applying-as-a-freshman/personal-insight-questions.html>

The college essay guy

www.collegeessayguy.com/collegeapplication-hub www.youtube.com/channel

College Miscellaneous

Info For College-Bound Athletes
www.ncaa.org

College Newspapers & Local Papers
www.newslink.org

Public University Honors Programs
<https://publicuniversityhonors.com/>

Education Conservancy
www.educationconservancy.org

Test Optional Universities
www.fairtest.org/university/optional

www.studyabroad.com or
www.istc.umn.edu/rotary.org – gives information studying abroad

www.ucop.edu – use a search engine: new exams – gives new eligibility requirements for new SAT

www.ucop.pathways.edu/doorways/list-
UC Course Lists

www.ucop.edu/sas/elc – ELC information

www.universityofcalifornia.edu/apply –
online application

www.ucop.edu/pathways – comprehensive information about admissions and financial aid

www.ucapplication.net.ucap – review a sample application

www.ucgateways.org- personal statement tutor

www.universityofcalifornia.edu/admissions/apptour – virtual reality tours of UC campuses

Academic & Adventure Summer Camps

www.educationunlimited.com
www.summerfuel.com
www.supercamp.com
www.summerdiscovery.com
www.adventurecamp.com

Career Exploration

www.mappingyourfuture.org
www.myfuture.com
www.onetonline.org
www.self-directed-search.com

Military

ROTC Information
www.bestcolleges.com/resources/rotcprograms

AFROTC
www.afrotc.com

NROTC
www.nrotc.navy.mil

Army ROTC
www.goarmy.com/rotc.html

Army
www.goarmy.com

Air Force
www.airforce.com

Navy
www.navy.com

Marines
www.marines.com

Coast Guard
www.gocoastguard.com

International Colleges and Universities

British Council (Study in the UK)
www.britishcouncil.us

4International - International School Database
www.4icu.org

Association of American International Colleges & Universities
www.aaicu.org

Education Ireland:
www.educationinireland.com

Top Universities - Study in Europe:
www.topuniversities.com/where-to-study

The Complete University Guide:
www.thecompleteuniversityguide.co.uk

Financial Aid Information

www.admission.uci.edu/ats – academic talent search

www.csac.ca.gov – California Student Aid Commission lists services for college financial aid and for GPA verification

www.easi.ed.gov – scholarship search

www.edfund.org – Ed Fund

www.fafsa.ed.gov – guides you in the completion of the Free Application for Federal Student Aid. March 2 – last date to file

www.fastweb.com – over \$1 billion in scholarships; summer programs, volunteer opportunities

www.finaid.org – scholarships, financial aid, loans

www.free-4u.com – scholarships are grouped by category

www.ftc.gov – info on scholarship scams

www.gocollege.com – lists scholarships

www.sallie.com – info on grants and financial aid

www.scholarships.com – scholarship information

www.ucop.edu/sas/publish – to request *Financing Guide for Students & Parents* (Or email a request to ucpubs@ucop.edu)

California Colleges

www.californiacolleges.edu

Independent CA Colleges & Universities

www.aiccu.edu

University of California (UC)

Office of Admissions

www.universityofcalifornia.edu/admissions

A-G Guide

www.ucop.edu/agguide

Berkeley

www.berkeley.edu

Davis

www.ucdavis.edu

Irvine

www.uci.edu

Los Angeles

www.ucla.edu

Merced

www.ucmerced.edu

Riverside

www.ucr.edu

San Diego

www.ucsd.edu

San Francisco (Graduate Programs Only)

www.ucsf.edu

Santa Barbara

www.ucsb.edu

Santa Cruz

www.ucsc.edu

California State University

(CSU) CSU System Information

www.calstate.edu

Bakersfield

www.csub.edu

Chico

www.csuchico.edu

Dominguez Hills

www.csudh.edu

East Bay

www.csueastbay.edu

Fresno

www.csufresno.edu

Fullerton

www.fullerton.edu

Humboldt

www.humboldt.edu

Long Beach

www.csulb.edu

Los Angeles

www.calstatela.edu

Cal Maritime

www.csum.edu

Monterey Bay

www.csumb.edu

Northridge

www.csun.edu

Cal Poly Pomona

www.cpp.edu

Stanislaus

www.csus.edu

San Bernardino

www.csusb.edu

San Diego

www.sdsu.edu

San Francisco
www.sfsu.edu

Community College Information

El Camino College
<https://www.elcamino.edu/>

Los Angeles City College
<https://www.lacitycollege.edu/>

Los Angeles Harbor College
<https://www.lahc.edu/>

Los Angeles Southwest College
<https://www.lasc.edu/>

Los Angeles Trade-Technical College
<https://www.lattc.edu/>

West Los Angeles College
<https://www.wlac.edu/>

Santa Monica College
<https://www.smc.edu/>